



Your project deserves it.



PROTECTIVE  
COATINGS



INJECTION /  
BUILDING  
PROTECTION



EXTRUSION /  
MATERIAL  
HANDLING



SPECIAL  
SYSTEMS



[WWW.WIWA-RUSSIA.RU](http://WWW.WIWA-RUSSIA.RU)

Catalog

2022

### Dear Business Partners,

with this price list we would like to revive a lost tradition: comprehensive price information that can be used both digitally and in a print format that can be experienced physically. This is exactly what you have asked for: the combination of tradition and modernity and the consideration of our partners.

In the future, we will increasingly focus our communication on our three main business units

- Protective Coatings
- Injection/Building Protection
- Extrusion/Material Handling

and successively expand our portfolios. Many of our plants and systems are customized, exactly according to the requirements of our users. Therefore a price list can never fully reflect our world, but it can give a first impression of the products which with we can support your projects.

Please do not hesitate to contact us if you have any additions or requests. Because true to our motto: simplicity, availability, familiarity, it is also our aim to take into account your wishes and to improve ourselves constantly.

Best regards on behalf of the entire WIWA Team



Peter Turczak  
General Manager

It all started with spray nozzles, which precision mechanic Wilhelm Wagner manufactured in the 1940s. Today – over 70 years after it was established – WIWA Wilhelm Wagner GmbH & Co. KG supplies first class coating systems, spray painting equipment, injection and fluid handling systems around the world.

1950	Company founded in Lahnau, WIWA develops and makes oil pumps and lubrication guns.
1967	The first Airless spray painting units are sold.
1968	New Airless spray painting units and underbody coating pumps are added to the product range.
1970	New products – AIRLESS 10.000, AirCombi units, zinc silicate spraying units, feed pumps, airless spray painting guns – are added to the product range. Company expands: New building is opened on Gewerbestrasse in Lahnau-Waldgirmes.
1975	Founder's daughter Heidrun Wagner-Turczak takes the commercial helm of the company and Günter Leinweber takes over as Chief Technical Officer.
1980	Expansion of fluids handling technology product range and market launch of WIWA extrusion pumps and hot-spraying systems.
1992	WIWA JUMBO launched on the market – the world's largest airless unit.
1994	WIWA plural component technology opens up a promising, new market segment with the launch of the DUOMIX range.
1996	Certification of quality management according to DIN ISO 9001.
2000	WIWA LP is established in Tucker, Georgia, USA.
2002	Mobile 2K unit added to plural component systems program.
2004	Unveiling of 1K (single-component) and 2K PFP units for fire-protection coatings. WIWA is awarded ATEX certification.
2005	WIWA launches electronic plural component technology with the FLEXIMIX 1 and FLEXIMIX 2.
2007	Relocation of WIWA factory in Leun-Stockhausen to new building at HQ Lahnau.
2009	Unveiling of newly developed range of polyurea application units.
2010	Relocation of WIWA LP to Alger, Ohio, USA.
2013	Establishment of WIWA Middle East in Dubai.
2014	WIWA DUOMIX 333 PFP certified for use on offshore platforms. New generation of airless units, the HERKULES GX SERIES.
2015	Modernization of the DUOMIX range with the launch of the DUOMIX 270.
2016	Introduction of the new generation single feed units HERKULES 270 and 333 GX and of the DATALOGGER.
2017	The 3rd generation takes over the management. Peter Turczak succeeds his mother Heidrun Wagner-Turczak.
2018	Launch of the new generation single feed units PHOENIX GX and PROFESSIONAL GX.
2020	70 years of passion for your application in over 80 countries worldwide.





## RELIABILITY AND PRECISION FOR MORE THAN 70 YEARS

WIWA Wilhelm Wagner GmbH & Co. KG is one of the world's leading developers and producers in the fields of 1- and multi-component airless paint spraying equipment, material conveying, extrusion and injection systems.

The application spectrum of our equipment and systems ranges from painting and bonding in mechanical and vehicle engineering to large-area and thick-film coatings in the marine and offshore industries, in building and corrosion protection, and in passive fire protection.

Under the highest quality standards WIWA manufactures at its founding site in Lahnau, Germany, equipment and systems for the most diverse requirements. WIWA technology proves itself in decorative and protective surface coating, surface sealing in tunnel and canal construction,

or the application of highly viscous, paste-like 2K and 3K materials on steel and concrete. The family-owned company develops, produces and sells its products in Germany. It also sells through a company-owned subsidiary in the USA and through highly experienced distributors in all parts of the world. In close cooperation with these international experts, WIWA develops and implements industry-leading special solutions.

By adapting the work processes to the strict requirements of DIN EN ISO 9001:2008 as well as the introduction of a quality management system, WIWA offers national and international customers even more transparency and investment security. WIWA holds the corresponding certifications of TÜV Rheinland and Bureau Veritas. German workmanship describes in our company the consequent highest quality and innovative solutions.

The fact that our global customers despite growing cost pressure and on „Made in Germany – Made by WIWA“ is based not least on the clear commitment to our home location in Lahnau and our more than 135 qualified employees.

It is not always recognizable technical factors that pay off for our customers day after day. Direct contact with each individual WIWA employee, often with many years of experience and competence, creates trust. Use the potential of all specialist departments of our company from design to production to final assembly, the shipping department and our service team clearly for one big goal: Your daily success!



How much „Made in Germany“ is actually still in a WIWA system?

Quite clear:  
almost 100%

## AIR MOTOR

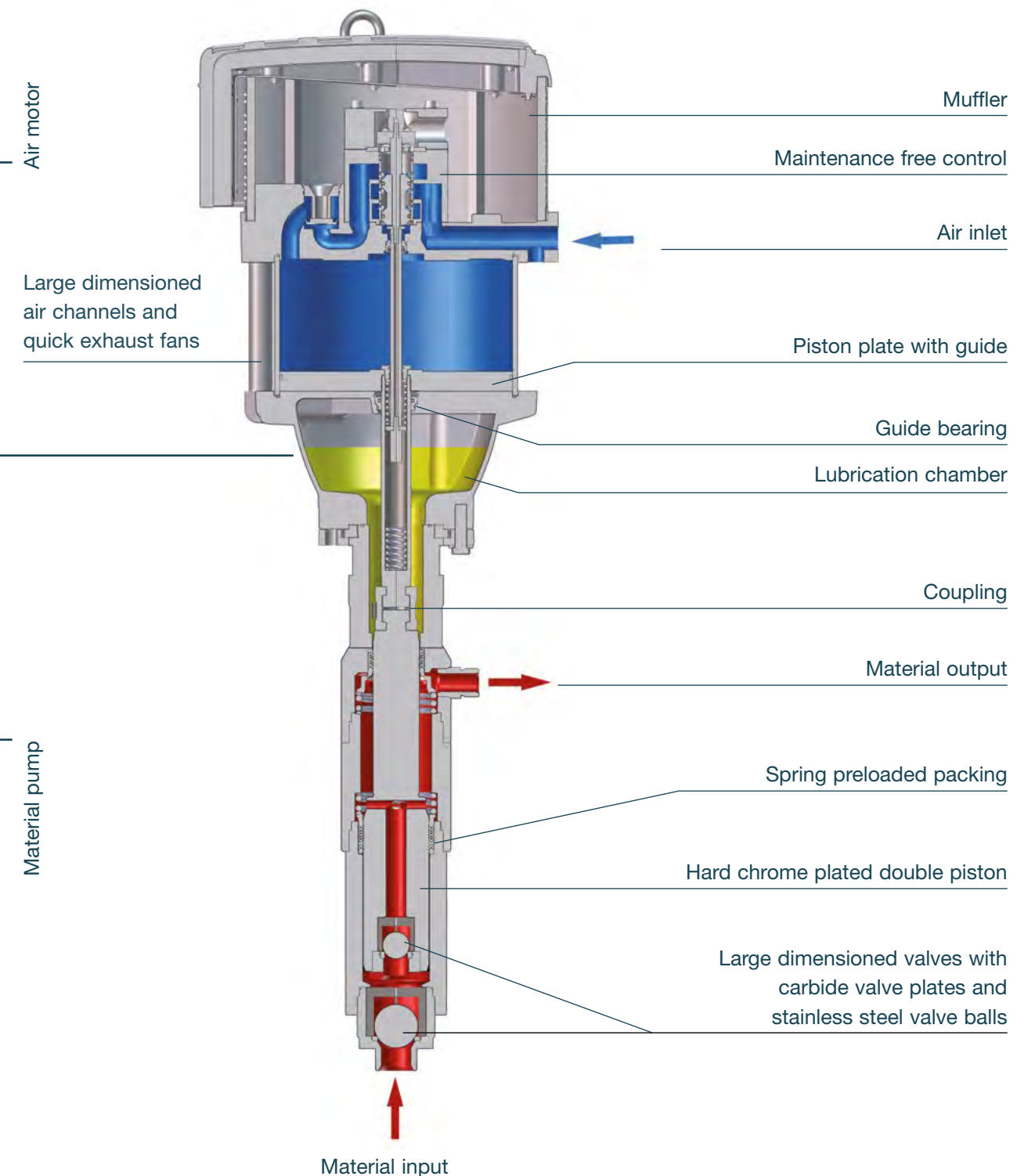
- Easy disassembly and assembly due to few components.
- The snips are highly visible and therefore easy to use.
- Hardly noticeable pulsation due to extremely fast stroke changeover.
- Change of power by changing the piston diameter of the air motor.

## LUBRICATION CHAMBER

A closed separation chamber separates the air motor and material pump. The closed design prevents foreign bodies, such as abrasives, from entering the pump system from the outside. In addition, the flushing agent prevents material incrustations on the piston rod and protects the packings through its lubricating effect.

## MATERIAL PUMP

- Quick disassembly and assembly of the pump assemblies by direct bolting. During disassembly, the parts are automatically pulled apart.
- Sealing rings located in front of the threads prevent the threads from sticking and facilitate disassembly.
- Less wear due to guided components that are easy and precise to assemble.
- Less pressure loss due to large bores and large-volume material passages.
- Better flushing due to large material passages and short packing tensioners.
- Change in output and pressure ratio by replacing the piston rod and packings.



blue = Air pressure    yellow = Release agent    red = Spray material



CHAPTER  
**01**



## PROTECTIVE COATINGS

from Page 10

CHAPTER  
**02**



## INJECTION / BUILDING PROTECTION

from Page 94

CHAPTER  
**03**



## EXTRUSION / MATERIAL HANDLING

from Page 132

CHAPTER  
**04**



## SPECIAL SYSTEMS

from Page 168







CHAPTER

01

PROTECTIVE COATINGS

1K PNEUMATIC

WIWA Profit	Page 12
WIWA Effective	Page 20
WIWA Phoenix GX	Page 22
WIWA Professional Classic	Page 28
WIWA Professional GX	Page 34
WIWA Herkules GX	Page 38
WIWA Thick film mortar pump	Page 46
WIWA Coating unit for foundry black wash	Page 48

1K HYDRAULIC

WIWA Herkules HX	Page 50
------------------	---------

1K HYBRID

WIWA Hydro PX Series	Page 52
----------------------	---------

2K PNEUMATIC MECHANICAL DOSING SETTING

2K Modular system	Page 56
WIWA DUOMIX 230 Mini	Page 64
WIWA DUOMIX 270 GX	Page 64
WIWA DUOMIX 333 GX	Page 65
WIWA DUOMIX 333 GX PFP	Page 65
WIWA SPF 240/280	Page 66
WIWA DUOMIX 540 PU	Page 67

2K PNEUMATIC ELECTRONIC DOSING SETTING

WIWA FLEXIMIX 1	Page 68
WIWA FLEXIMIX 1 ND	Page 68
WIWA FLEXIMIX 2 PHOENIX GX	Page 69
WIWA FLEXIMIX 2 PROFESSIONAL GX	Page 69
WIWA FLEXIMIX 2 HERKULES GX	Page 69

2K HYDRAULIC MECHANICAL DOSING SETTING

WIWA POWER PACK 2K XL/XXL	Page 70
WIWA DUOMIX PU Hydraulic	Page 71

GUNS

from page 72



## WIWA PROFIT

Proven technology that leaves nothing to be desired in everyday work!



## THE WIWA PROFIT SERIES FOR TRADE AND INDUSTRY.

**PROFIT** – Portable paint spraying equipment for flexible use. The PROFIT units with paint feed containers are ideal for repairs and touch-up work as well as other work where only small quantities of material are to be processed.

### WIWA PROFIT Airless

Robust airless sprayers for efficient painting.

### WIWA PROFIT Air Combi

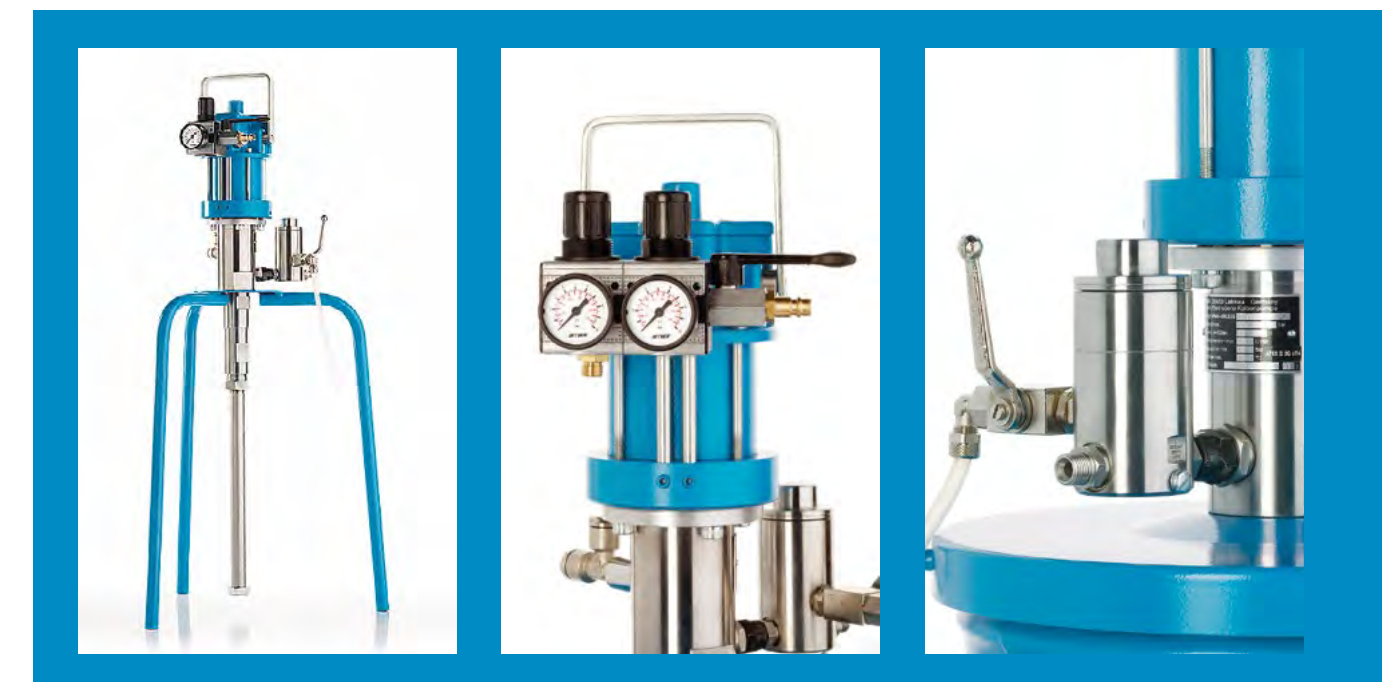
For the finest coatings in the environmentally friendly Air Combi coating process.

## AREAS OF APPLICATION

Carpentry, furniture industry, painting and coating companies, Machinery and vehicle construction

## MATERIALS

Oils and greases, thick-film glazes, primers, spray filler, sprayable Lacquers and paints, two-component materials, textured lacquer, hammered lacquer, Waterborne media, Waterborne paints



PROFIT SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)

N = normal steel galvanized, not stainless

R = stainless

RS = stainless steel rust and acid resistant

Available pump mounts

20 l Container (B)

Tripod (D)

Chassis (F)

Frame with 6 l funnel (G)

Wall bracket (W)

Common components in basic equipment

Airless spraying equipment: High pressure pump, high pressure filter with standard screen, compressed air regulator, safety valve, bottle of release agent, operating manual with spare parts list.

Air Combi spraying equipment: high-pressure pump, high-pressure filter with standard sieve, double compressed air regulator, safety valve, air and material hose, bottle of release agent, operating manual with spare parts list

Individual components in basic equipment

Pump receptacles B, D, F: Direct suction with suction strainer

Pump receptacle G: Suction hopper with material strainer

Pump receptacle W: Suction line with suction strainer

Technical Data PROFIT Series

Model	Pressure ratio	Output per cycle	Max. air inlet pressure	Max. operating pressure
3010	10:1	14 ccm	8 bar/116 psi	80 bar/1160 psi
3022	22:1	14 ccm	8 bar/116 psi	176 bar/2552 psi
3033	33:1	14 ccm	8 bar/116 psi	264 bar/3829 psi
4210	10:1	27 ccm	8 bar/116 psi	80 bar/1160 psi
4222	22:1	27 ccm	8 bar/116 psi	176 bar/2552 psi
4233	33:1	27 ccm	8 bar/116 psi	264 bar/3829 psi

Order numbers PROFIT Airless Spray equipment

Model	on Container		on Tripod		on Chassis		on Frame with funnel		on Wall bracket	
	N	R	N	RS	N	RS	N	RS	N	RS
3010	0644260	0644261	0644262	0644263	0644264	0644265	0644266	0644267	0644268	0644269
3022	0644270	0644271	0644272	0644273	0644274	0644275	0644276	0644277	0644278	0644279
3033	0644280	0644281	0644282	0644283	0644284	0644285	0644286	0644287	0644288	0644289
4210	0644290	0644291	0644292	0644293	0644294	0644295	0644296	0644297	0644298	0644299
4222	0644300	0644301	0644302	0644303	0644304	0644305	0644306	0644307	0644308	0644309
4233	0644310	0644311	0644312	0644313	0644314	0644315	0644316	0644317	0644318	0644319

Order numbers PROFIT Air Combi painting systems

Model	on Container		on Tripod		on Chassis		on Frame with funnel		on Wall bracket	
	N	R	N	RS	N	RS	N	RS	N	RS
3010*	0644320	0644321	0644322	0644323	0644324	0644325	0644326	0644327	0644328	0644329
3022*	0644330	0644331	0644332	0644333	0644334	0644335	0644336	0644337	0644338	0644339
3033*	0644340	0644341	0644342	0644343	0644344	0644345	0644346	0644347	0644348	0644349
4210*	0644350	0644351	0644352	0644353	0644354	0644355	0644356	0644357	0644358	0644359
4222*	0644360	0644361	0644362	0644363	0644364	0644365	0644366	0644367	0644368	0644369
4233*	0644370	0644371	0644372	0644373	0644374	0644375	0644376	0644377	0644378	0644379



N = normal steel galvanized, not stainless    R = stainless    RS = stainless steel, rust and acid resistant  
\* All PROFIT Air Combi models are supplied including air and material hose!



Sealing and repair kits PROFIT Series				
Model	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
3010	0641230	0644382	0652155	0644383
3022	0641231	0644382	0644386	0644383
3033	0641232	0644382	0644387	0644383
4210	0641230	0644382	0649499	0644383
4222	0641231	0644382	0641236	0644383
4233	0641232	0644382	0641237	0644383

ACCESSORIES FOR PROFIT  
HIGH PRESSURE PUMPS

on 20 l Container  
» see table 1

on Tripod  
» see table 2

on Chassis  
» see table 3

on Wall bracket  
» see table 4



Accessories – PROFIT Serie		
Name	Order No.	Description
Spraying accessories set No. 10 RS	0629957	For all Airless models in RS version: WIWA 500 F gun, swivel joint, NW6/¼“/7.5 m hose, max. 410 bar, standard nozzle 65° - 0.33 mm
Spraying accessories set No. 01	0621625	For all Airless models in versions N + R: Gun WIWA 250 D with swivel joint, hose NW6/¼“/7.5 m, max. 410 bar, standard nozzle 40° - 0.33 mm
Air Combi Spray Gun	0653095	For all Air Combi painting systems: Max. 250 bar, with nozzle

Technical Data and Order Numbers PROFIT High pressure pumps

Model	Order No.		Pressure ratio	Output per cycle	Max. output*	Max. air inlet pressure	Max. operating pressure
14.10 RS	0644201		10:1	14 ccm	3 l/min	8 bar/116 psi	80 bar/1160 psi
14.22 RS	0644203		22:1	14 ccm	3 l/min	8 bar/116 psi	176 bar/2552 psi
14.33 RS	0644205		33:1	14 ccm	3 l/min	8 bar/116 psi	264 bar/3829 psi
27.10 RS	0644207		10:1	27 ccm	4,2 l/min	8 bar/116 psi	80 bar/1160 psi
27.22 RS	0644209		22:1	27 ccm	4,2 l/min	8 bar/116 psi	176 bar/2552 psi
27.33 RS	0644211		33:1	27 ccm	4,2 l/min	8 bar/116 psi	264 bar/3829 psi

Table 1 - PROFIT on 20 l container

Description	Order No.		14.10	14.22	14.33	27.10	27.22	27.33
Container (20 l) with lid -N-	0644446		•	•	•	•	•	•
Container (20 l) with lid -R-	0644447		•	•	•	•	•	•
Suction tube for HP pump on tank (20 l) with cover	0643913		•	•	•			
Suction tube for HP pump on tank (20 l) with cover	0219533					•	•	•
Strainer -RS- for suction tube	0479101		•	•	•	•	•	•
More accessories see tables 5, 6, (8)			•	•	•	•	•	•

Table 2 - PROFIT on Tripod

Description	Order No.		14.10	14.22	14.33	27.10	27.22	27.33
Tripod	0644946		•	•	•	•	•	•
Suction tube for HP pump on tripod	0631550		•	•	•			
Suction tube for HP pump on tripod	0215007					•	•	•
Strainer -RS- for suction tube	0479101		•	•	•	•	•	•
More accessories see tables 5, 6, (8)			•	•	•	•	•	•

Table 3 - PROFIT on Chassis

Description	Order No.		14.10	14.22	14.33	27.10	27.22	27.33
Chassis	0644259		•	•	•	•	•	•
Suction line (N+R) NW13 (sieve ø 70 mm)	0498173		•	•	•	•	•	•
Suction line (RS) NW13 (sieve ø 70 mm)	0627401		•	•	•	•	•	•
Suction line for 216 l drum (N) NW20 (sieve ø 30 mm)	0643900		•	•	•	•	•	•
Suction line for 216 l drum (RS) NW20 (sieve ø 30 mm)	0643901		•	•	•	•	•	•
More accessories see tables 5, 6, (8)			•	•	•	•	•	•

Table 4 - PROFIT on Wall bracket

Description	Order No.		14.10	14.22	14.33	27.10	27.22	27.33
Wall bracket	0644947		•	•	•	•	•	•
Suction line (N+R) NW13 (sieve ø 70 mm)	0498173		•	•	•	•	•	•
Suction line (RS) NW13 (sieve ø 70 mm)	0627401		•	•	•	•	•	•
Suction line for 216 l drum (N) NW20 (sieve ø 30 mm)	0643900		•	•	•	•	•	•
Suction line for 216 l drum (RS) NW20 (sieve ø 30 mm)	0643901		•	•	•	•	•	•
More accessories see tables 5, 6, (8)			•	•	•	•	•	•

Table 5 - PROFIT Compressed air regulator

Description	Order No.		14.10	14.22	14.33	27.10	27.22	27.33
Compressed air regulator (airless)	0644180		•	•	•	•	•	•
Double air pressure regulator (Air Combi)	0634979		•	•	•	•	•	•

Table 6 - PROFIT High pressure filter

Description	Order No.		14.10	14.22	14.33	27.10	27.22	27.33
High pressure filter type 01 N	0060275		•	•	•	•	•	•
High pressure filter type 01 R	0060178		•	•	•	•	•	•
High pressure filter type 01 RS	0634509		•	•	•	•	•	•
High pressure filter type 01 RS with ball valve 1/4"	0655490		•	•	•	•	•	•

Table 7 - PROFIT other Accessories

Description	Order No.		14.10	14.22	14.33	27.10	27.22	27.33
Suction tube (with 10° slope) for HP pump on 216 l drum with Bung hole 2"	0659708		•	•	•	•	•	•
Bung screw connection 2"	0646999		•	•	•	•	•	•

Table 8 - PROFIT Sealing and repair kits

Model	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
14.10	0641230	0644382	0652155	0644383
14.22	0641231	0644382	0644386	0644383
14.33	0641232	0644382	0644387	0644383
27.10	0641230	0644382	0649499	0644383
27.22	0641231	0644382	0641236	0644383
27.33	0641232	0644382	0641237	0644383



N = normal steel galvanized, not stainless    R = stainless    RS = stainless steel, rust and acid resistant  
 \* All PROFIT Air Combi models are supplied including air and material hose!





## WIWA EFFECTIVE

High-performance 1K Airless and AirCombi painting systems

### THE WIWA EFFECTIVE FOR TRADE AND INDUSTRY

- Designed for easy operation
- All control elements are located on the front panel for fast and easy access
- Integrated hose rack
- Consistent spray pressure provides an excellent spray pattern
- Rugged design with few wear parts, designed for easy maintenance
- All wetted parts are made of stainless steel

### AREAS OF APPLICATION

Furniture industry, Carpentry shops, Paint- and finishing shops, Machine and automotive industry



RS = stainless steel, rust and acid resistant  
DAS = Direct suction      ASL = Suction line

### EFFECTIVE SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)  
RS = stainless steel rust and acid resistant

Available pump mounts  
Tripod (D)  
Chassis (F)  
Wall bracket (W)

Technical Data					
Version	Pressure ratio	Output per cycle	Max. operating pressure	Air motor piston diameter	Piston stroke of the Air motor
RS	33:1	27 ccm	264 bar/3829 psi	85 mm	75 mm

Order numbers EFFECTIVE Airless Spray equipment					
Model	on Tripod	on Chassis		on Wall bracket	
	DAS	DAS	with Funnel	ASL	ASL
4233	0666441	0659810	0660089	0660090	0666442



## WIWA PHOENIX GX Serie

The powerful  
multipurpose devices.



### WIWA PHOENIX GX

The **WIWA PHOENIX GX series** is a versatile and high quality pump program for almost all applications. Due to the different performance data and equipment possibilities, it is ideally suited for large and small surfaces as well as elements with corners and angles and other shaped components.

### AREAS OF APPLICATION

Carpentry, Furniture industry, Paint and lacquering shops, Machinery and vehicle manufacture, Structural engineering and hall construction, Steel processing industry, Automatic and manual spray painting systems, Marine coatings (inside coatings), Railcar factories, Fluid transfer and paint supply systems

### MATERIALS

Primer, Fillers, Lacquers and paints, Plural component epoxy and tarepoxy paints (highly viscous and coarsely pigmented), Textured lacquers, Hammered effect lacquer, Cold galvanizing paint, Rust protection and micaceous iron oxide paints, Low solvent and solvent-free paints, Stains and stripping agents, Water-based varnishes, Transparent lacquers, Thick-film varnishes





### PHOENIX GX SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)

RS = stainless steel rust and acid resistant

Available pump mounts

Tripod (D)

Chassis (F)

Frame with funnel (G)

Lift trolley (H)

Wall bracket (W)

Common components in basic equipment

High-pressure pump, high-pressure filter with standard sieve, maintenance unit, safety valve, bottle of release agent, hook wrench, operating manual with spare parts list

Individual components in basic equipment

Pump receptacles F and W: suction line with suction strainer

Pump receptacle H: direct suction with suction strainer

#### Technical Data PHOENIX GX Series

Model	Pressure ratio	Output per cycle	Max. air inlet pressure	Max. operating pressure
105030	30:1	43 ccm	8 bar/116 psi	240 bar/3480 psi
140053	53:1	43 ccm	8 bar/116 psi	242 bar/3509 psi
105018	18:1	72 ccm	8 bar/116 psi	144 bar/2088 psi
140032	32:1	72 ccm	8 bar/116 psi	256 bar/3712 psi
200065	65:1	72 ccm	7 bar/110 psi	455 bar/6599 psi
140020	20:1	111 ccm	8 bar/116 psi	160 bar/2320 psi
200042	42:1	111 ccm	8 bar/116 psi	336 bar/4873 psi

#### Order numbers PHOENIX GX High pressure pumps

Old Name	New Name	Output per cycle	Pressure ratio	Order No.
40.30 RS	HDP 43.30 RS	43 ccm	18:1	0667909
40.52 RS	HDP 43.53 RS	43 ccm	30:1	0667911
72.18 RS	HDP 72.18 RS	72 ccm	18:1	0667910
72.32 RS	HDP 72.32 RS	72 ccm	30:1	0667865
72.66 RS	HDP 72.65 RS	72 ccm	30:1	0667914
–	HDP 111.20 RS	111 ccm	18:1	0667913
106.42 RS	HDP 111.42 RS	111 ccm	30:1	0667915



RS = stainless steel, rust and acid resistant

#### Order numbers PHOENIX GX Airless Spray equipment

Old Name	New Name	Output per cycle	Pressure ratio	Order No.
6530 R/F	105030 RS/F	43 ccm	30:1	0666589
6530 R/W	105030 RS/W	43 ccm	30:1	0667919
6530 R/D	105030 RS/D	43 ccm	30:1	0667916
6530 R/G	105030 RS/G	43 ccm	30:1	0667918
–	105030 RS/H	43 ccm	30:1	0669512
6552 R/F	140053 RS/F	43 ccm	53:1	0666591
6552 R/W	140053 RS/W	43 ccm	53:1	0667925
6552 R/D	140053 RS/D	43 ccm	53:1	0667923
–	140053 RS/H	43 ccm	53:1	0669510
11018 R/F	105018 RS/F	72 ccm	18:1	0666590
11018 R/W	105018 RS/W	72 ccm	18:1	0667922
11018 R/D	105018 RS/D	72 ccm	18:1	0667920
–	105018 RS/H	72 ccm	18:1	0669511
11032 R/F	140032 RS/F	72 ccm	32:1	0663944
11032 R/W	140032 RS/W	72 ccm	32:1	0667927
11032 R/D	140032 RS/D	72 ccm	32:1	0667926
–	140032 RS/H	72 ccm	32:1	0669509
10066 R/F	200065 RS/F	72 ccm	65:1	0666593
10066 R/W	200065 RS/W	72 ccm	65:1	0667933
–	200065 RS/D	72 ccm	65:1	0667931
–	200065 RS/H	72 ccm	65:1	0669515
–	140020 RS/F	111 ccm	20:1	0666592
–	140020 RS/W	111 ccm	20:1	0667930
–	140020 RS/D	111 ccm	20:1	0667929
–	140020 RS/H	111 ccm	20:1	0669513
15042 R/F	200042 RS/F	111 ccm	42:1	0666559
15042 R/W	200042 RS/W	111 ccm	42:1	0667935
–	200042 RS/D	111 ccm	42:1	0667934
–	200042 RS/H	111 ccm	42:1	0669514

#### Order numbers PHOENIX GX Air Combi painting systems

Old Name	New Name	Output per cycle	Pressure ratio	Order No.
–	105018 RS/F	72 ccm	18:1	0668316
–	140032 RS/F	72 ccm	32:1	0668317
–	140020 RS/F	111 ccm	20:1	0668315

Sealing and repair kits PHOENIX GX Series

High pressure pumps	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
105030	0666800	0662665	0666799	0665912
140053	0666798	0662665	0666797	0665912
105018	0666800	0664137	0666799	0665913
140032	0666798	0664137	0666797	0665913
140020	0666798	0665915	0666797	0665914
200042	0639057	0665915	0639265	0665914
200065	0639057	0664137	0639265	0665913

Accessories PHOENIX GX Series

Name	Description	Order No.	
Spraying accessories set No. 02	Spraying accessories set No. 02 Consists of: - Airless gun WIWA 500 D (with swivel joint) - Material hose NW6 / 410 bar / 1/4" / 7,5 m - Reversing switch with reversing nozzle 627	0621633	
Spraying accessories set No. 15	Spraying accessories set No.15 Consists of: - Airless gun WIWA 500 D (with swivel joint) - Material hose NW6 / 600 bar / 1/4" / 7,5 m - Reversing switch with reversing nozzle 621	0642476	
Spraying accessories set No. 18 RS	Spraying accessories set No. 18 RS Consists of: - Airless gun WIWA 500 D (with swivel joint) - Material hose NW6 / 410 bar / 7.5 m	0653953	
Spraying accessories set No. 19 RS	Spraying accessories set No. 19 RS Consists of: - Airless gun WIWA 500 D (with swivel joint) - Material hose NW6 / 600 bar / 7.5 m	0653954	

Mounting kits optional PHOENIX GX

Description	Order No.		105030	140053	105018	140032	140020	200042	200065
Mounting kit hot spray system for PHOENIX GX RS (cart without return flow)	0666803		●	●	●	●	●	●	●
Mounting kit hot spray system for PHOENIXS GX RS (wall bracket without return)	0660716		●	●	●	●	●	●	●
Mounting kit holder for suction line (cart and wall holder)	0666823		●	●	●	●	-	-	●
Mounting kit 25 l feed tank for PHOENIX GX cart	0666801		-	-	-	-	●	●	-
Mounting kit 25 l feed tank with agitator for PHOENIX GX (cart)	0666811		-	-	-	-	●	●	-
Funnel 6 liters	0666699		●	●	●	●	-	-	●
Hose holder	0666480		●	●	●	●	●	-	-





## WIWA PROFESSIONAL CLASSIC

Airless paint spraying equipment  
of the high-performance class.



### THE WIWA SERIES FOR HEAVY CORROSION PROTECTION.

A particularly comprehensive range of equipment. Industrial coating work of any kind can be carried out with this equipment.

Due to their high pressure ratio, the models 28064 and 24071 are particularly suitable for processing highly viscous, low-solvent and solvent-free materials with a high solids content. Optimal for longer material hoses, larger nozzle bores and high spray pressures.

### AREAS OF APPLICATION

Large surfaces, ship painting, steel and hall construction, wagon factories, painting and varnishing, offshore industry, industrial painting, building and corrosion protection, insulation, fire protection, feed pump

### MATERIALS

Abrasive materials, flame retardant materials, glass flake, insulating and thick film materials, antifouling, cold bitumen, materials with short fiber fillers, low-solvent and solvent-free paints, sprayable paints and coatings, two-component and tar-epoxy paints



PROFESSIONAL CLASSIC SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)

N = normal steel galvanized, not stainless

Available pump mounts

Chassis (F)

Lift trolley (H)

Wall bracket (W)

Common components in basic equipment

High-pressure pump, high-pressure filter with standard sieve, maintenance unit, safety valve, bottle of separating agent, bottle of pneumatic oil, operating manual with spare parts list

Individual components in basic equipment

Pump receptacles F and W: suction line with suction strainer

Pump receptacle H: direct suction with suction strainer

Technical Data PROFESSIONAL CLASSIC Series

Model	Pressure ratio	Output per cycle	Max. air inlet pressure	Max. operating pressure
24071	71:1	138 ccm	6,5 bar/94 psi	460 bar/6758 psi
28064	64:1	153 ccm	7 bar/101 psi	450 bar/6526 psi
44032	32:1	306 ccm	8 bar/116 psi	255 bar/3698 psi

Order numbers PROFESSIONAL CLASSIC Airless spray equipment

Model	on Chassis	on Lift trolley	on Wall bracket
24071	0639061	0640057	0639062
28064	0639063	0640018	0639064
44032	0639313	0640069	0639314



Normal steel galvanized, not stainless.

\* At free flow.

Sealing and repair kits PROFESSIONAL CLASSIC Series

Model	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
24071	0639249	0639171	0639250	0639176
28064	0639249	0639171	0639250	0639177
44032	0639249	0639236	0639250	0639237

Accessories - PROFESSIONAL CLASSIC Series

Name	Description	Order No.	
Spraying accessories set No. 05	Gun WIWA 500 D, hose NW 6/1/4"/15 m, max. 600 bar, reversing switch Rev-Guard™, nozzle 627	0621676	
Spraying accessories set No. 12	Gun WIWA 500 F, hoses NW 6/3/8"/7.5 m and NW 10/1/4"/15 m, max. 500 bar, reversing switch Rev-Guard™, nozzle 627	0640932	
Spraying accessories set No. 07	For hot spraying systems: gun WIWA 500 FD, hoses NW 6/7,5 m and NW 4/1 m, max. 460 bar, distributor 3x 1/4", standard nozzle 40° - 0,53 mm	0621935	
Mounting kit agitator	Agitator with holder, control valve, mist lubricator and all required attachments, 300 - 3000 rpm, 0.7 kW (for models 24026, 24053, 24071, 28023, 28048, 28064)	0634416	
Mounting kit agitator	Agitator with holder, control valve, mist lubricator and all required attachments, 300 - 3000 rpm, 0,7 kW (for models 38032, 38042, rrrf44024, 44032)	0658707	

Mounting kits for hot spraying system - PROFESSIONAL CLASSIC Series

Model	Order number for mounting kit on chassis		Order number for mounting kit on wall bracket	
	without circulation	with circulation	without circulation	with circulation
24071	0630498	0629398	0630525	0630531
28064	0630498	0629398	0630525	0630531
44032	0640926	0640078	0640929	0640928



HIGH PRESSURE PUMPS OF  
THE SERIES PROFESSIONAL

on Chassis

» see table 1

on Wall bracket

» see table 2



Technical Data + Order numbers PROFESSIONAL CLASSIC High pressure pumps

Model	Pressure ratio	Output per cycle	Max. Output	Max. air inlet pressure	Max. operating pressure	Order No.	
						Version N	
138.71	71:1	138 ccm	24 l/min	6,5 bar/94 psi	460 bar/6671 psi	0638842	
153.64	64:1	153 ccm	28 l/min	7 bar/101 psi	450 bar/6526 psi	0638843	

Table 1 - PROFESSIONAL CLASSIC on Chassis

Description	Order No.		138.71	153.64	235.32
Chassis -Standard-	0064556		•	•	•

Table 2 - PROFESSIONAL CLASSIC on Wall bracket

Description	Order No.		138.71	153.64
Wall bracket	0064882		•	•
Suction line NW25 (RS), with 1" strainer	0652414		•	•
Suction line for 216 l drum NW25 (RS), with 1" strainer	0652415		•	•
More accessories see tables 6, 7, 8, (9)			•	•

Table 3 - PROFESSIONAL CLASSIC Maintenance units

Description	Order No.		138.71	153.64
Maintenance unit (also when using a ram press or lift)	0648096		•	•
Compressed air hose, cpl. (connection: maintenance unit to ram press or lift)	0643946		•	•

Table 4 - PROFESSIONAL CLASSIC High pressure pumps

Description	Order No.		138.71	153.64
High pressure filter type 11 N	0621773		•	•
High pressure filter type 11 R	0011800		•	•
High pressure filter type 11 RS	0629512		•	•

Table 5 - PROFESSIONAL Sealing and repair kits

High pressure pumps	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
138.71	0639249	0639171	0639250	0639176
153.64	0639249	0639171	0639250	0639177



N = normal steel galvanized, not stainless    R = stainless    RS = stainless steel, rust and acid resistant

## WIWA PROFESSIONAL GX

Convinces through above-average service life of all components.



### IDEAL FOR HEAVY CORROSION PROTECTION.

Due to their high pressure ratio, **WIWA PROFESSIONAL GX** are particularly suitable for processing high-viscosity, low-solvent and solvent-free materials with a high solids content. Optimal for longer material hoses, larger nozzle bores and high spray pressures.

### AREAS OF APPLICATION

Large areas, ship painting, steel and hall construction, wagon factories, painting and varnishing companies, Offshore industry, industrial coatings, building and corrosion protection, insulation, fire protection, Feed pump

### MATERIALS

Abrasive materials, flame retardant materials, glass flake, insulating and thick film materials, antifoulings, cold bitumen, materials with short fiber fillers, low-solvent and solvent-free paints, sprayable paints and coatings, two-component and tar-epoxy paints





PROFESSIONAL GX SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)

RS = stainless steel rust and acid resistant

Available pump mounts

Chassis (F)

Lift trolley (H)

Wall bracket (W)

Common components in basic equipment

High-pressure pump, high-pressure filter with standard sieve, maintenance unit, safety valve, bottle of separating agent, bottle of pneumatic oil, operating manual with spare parts list

Individual components in basic equipment

Pump receptacles F and W: suction line with suction strainer

Pump receptacle H: direct suction with suction strainer

Technical Data PROFESSIONAL GX

Model	Pressure ratio	Output per cycle	Max. air inlet pressure	Max. operating pressure
230063	63:1	153 ccm	7 bar/101 psi	441 bar/6396 psi
230051	51:1	189 ccm	8 bar/116 psi	408 bar/5917 psi
230035	35:1	275 ccm	8 bar/116 psi	280 bar/4061 psi
230027	27:1	360 ccm	8 bar/116 psi	216 bar/3132 psi

Order numbers PROFESSIONAL GX Airless spray equipment

Model	on Chassis	on Lift trolley	on Wall bracket
230063 RS	0664095	0664103	0664099
230051 RS	0664096	0664104	0664100
230035 RS	0664097	0664105	0664101
230027 RS	0664098	0664106	0664102

i

RS = stainless steel, rust and acid resistant

Sealing and repair kits PROFESSIONAL GX

High pressure pumps	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
230063	0664886	0660207	0664887	0660208
230051	0664886	0660205	0664887	0660206
230035	0664886	0658878	0664887	0658879
230027	0664886	0660203	0664887	0660204

Mounting kits optional PROFESSIONAL GX

Description	Order No.	230063	230051	230035	230027
Pneumatic agitator mounting kit (for chassis and wall bracket)	0660322	●	●	●	●
Agitator pneumatic ( mounting kit for lift trolley - agitator angle adjustable air motor 0,7 kW)	0650400	●	●	●	●
Mounting kit hot spray system for PROFESSIONAL GX RS (chassis without return flow)	0660674	●	●	●	●
Mounting kit hot spray system for PROFESSIONAL GX RS (wall bracket without return)	0660716	●	●	●	●
Mounting kit hot spray system for PROFESSIONAL GX RS (lift trolley without return flow)	0660721	●	●	●	●
Mounting kit return -RS- (chassis and wall bracket)	0660697	●	●		
Mounting kit return -RS- (chassis and wall bracket)	0660698			●	●
Mounting kit 25 liter feed tank for PROFESSIONAL GX chassis	0660711	●	●		
Mounting kit 25 liter feed hopper for PROFESSIONAL GX chassis	0660712			●	●
Mounting kit 25 liter feed hopper with agitator for PROFESSIONAL GX (chassis)	0661927	●	●		

Accessories PROFESSIONAL GX

Name	Description	Order No.	
Spraying accessories set No. 05	Spraying accessories set no. 05 consisting of: - Airless gun WIWA 500 D (with swivel joint) - Material hose NW6 / 600 bar / 1/4" / 15 m - Reversing switch with reversing nozzle 627	0621676	
Spraying accessories set No. 12	Spraying accessories set no. 12 consisting of: - Airless gun WIWA 500 F - 1 x material hose NW10 / 500 bar / 3/8" / 15 m - 1 x material hose NW6 / 600 bar / 1/4" / 7,5 m - Reversing switch with reversing nozzle 627	0640932	

## WIWA HERKULES GX SERIE

Convinces through above-average service life of all components.



### WIWA HERKULES 270 GX WIWA HERKULES 333 GX

With the new, oil-free, extremely quiet and ,anti-icing‘ air motor, the **WIWA HERKULES GX SERIES** is a dynamic and powerful addition to the airless program. Both units can be equipped with long spray hoses and multiple guns.

### AREAS OF APPLICATION

Large areas, ship painting, steel and hall construction, wagon factories, painting and varnishing companies, offshore industry, industrial coatings, building and corrosion protection, insulation, fire protection

### MATERIALS

Abrasive materials, flame retardant materials, glass flake, insulating and thick film materials, antifoulings, cold bitumen, materials with short fiber fillers, low-solvent and solvent-free paints, sprayable paints and coatings, two-component and tar-epoxy paints





HERKULES 270 GX SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)  
RS = stainless steel rust and acid resistant

Available pump mounts  
Chassis (F)  
Lift trolley (H)  
Wall bracket (W)

Common components in basic equipment  
High-pressure pump, high-pressure filter with standard sieve, maintenance unit, safety valve, bottle of release agent, hook wrench, operating manual with spare parts list

Individual components in basic equipment  
Pump receptacles F and W: suction line with suction strainer  
Pump receptacle H: direct suction with suction strainer

Technical Data der HERKULES 270 GX Series				
Model	Pressure ratio	Output per cycle	Max. air inlet pressure	Max. operating pressure
270088	88:1	153 ccm	5,5 bar/79 psi	484 bar/7019 psi
270071	71:1	189 ccm	7 bar/101 psi	497 bar/7208 psi
270049	49:1	275 ccm	8 bar/116 psi	392 bar/5685 psi
270037	37:1	360 ccm	8 bar/116 psi	296 bar/4293 psi
270024	24:1	550 ccm	8 bar/116 psi	192 bar/2784 psi

i

RS = stainless steel, rust and acid resistant

Order numbers HERKULES 270 GX Airless spray equipment

Model	on Chassis	on Lift trolley	on Wall bracket
270088 RS	0662617	0660706	0660593
270071 RS	0662618	0660707	0660594
270071 RS/F with feed hopper	0663817	-	-
270049 RS	0662619	0660708	0660595
270049 RS/F open system	0661885	-	-
270037 RS	0662620	0660709	0660596
270024 RS	0662621	0660710	0660597

Sealing and repair kits HERKULES 270 GX Series

High pressure pumps	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
270088	0660412	0660207	0660411	0660208
270071	0660412	0660205	0660411	0660206
270049	0660412	0658878	0660411	0658879
270037	0660412	0660203	0660411	0660204
270024	0660412	0660201	0660411	0660202

### Mounting kits for hot spray system - HERKULES 270 GX Series

Model	on Chassis	on Lift trolley	on Wall bracket
270088	0660674	0660721	0660716
270071	0660674	0660721	0660716
270049	0660674	0660721	0660716
270037	0660674	0660721	0660716
270024	0660674	0660721	0660716

### Mounting kits optional HERKULES 270 GX

Description	Order No.	270088	270071	270049	270037	270024
Pneumatic agitator mounting kit (for chassis and wall bracket)	0660322	•	•	•	•	•
Agitator pneumatic (mounting kit for lift trolley - agitator angle adjustable air motor 0,7 kW)	0650400	•	•	•	•	•
Mounting kit hot spray system for HERKULES 270 GX RS (chassis without return)	0660674	•	•	•	•	•
Mounting kit hot spray system for HERKULES 270 GX RS (wall bracket without return)	0660716	•	•	•	•	•
Mounting kit hot spray system for HERKULES 270 GX RS (lift trolley without return)	0660721	•	•	•	•	•
Mounting kit return -RS- (chassis and wall bracket)	0660697	•	•			
Mounting kit return -RS- (chassis and wall bracket)	0660698			•	•	•
Mounting kit 25 liters feed hopper for HERKULES 270 GX	0660711	•	•			
Mounting kit 25 liters feed hopper for HERKULES 270 GX	0660712			•	•	•
Mounting kit 25 liter feed hopper with agitator for HERKULES 270 GX (chassis)	0661927	•	•			

### Accessories - HERKULES 270 GX Series

Name	Description	Order No.	
Spraying accessories set No. 04	Gun WIWA 500 D, hose NW6/1/4"/15 m, max. 410 bar, reversing switch Rev-Guard™, nozzle 627	0621668	
Spraying accessories set No. 05	Gun WIWA 500 D, hose NW6/1/4"/15 m, max. 600 bar, reversing switch Rev-Guard™, nozzle 627	0621676	

### HERKULES 333 GX SERIES - OVERVIEW

Available versions (material of the parts in contact with the material)

RS = stainless steel rust and acid resistant

#### Available pump mounts

Chassis (F)

Lift trolley (H)

Wall bracket (W)

#### Common components in basic equipment

High pressure pump, high pressure filter with standard screen, maintenance unit, safety valve, bottle of release agent, hook wrench, operating manual with spare parts list

#### Individual components in basic equipment

Pump receptacles F and W: suction line with suction strainer

Pump receptacle H: direct suction with suction strainer

### Technical Data HERKULES 333 GX Series

Model	Pressure ratio	Output per cycle	Max. air inlet pressure	Max. operating pressure
333075	75:1	275 ccm	6,5 bar/94 psi	487 bar/7063 psi
333057	57:1	360 ccm	7 bar/101 psi	399 bar/5787 psi
333037	37:1	550 ccm	8 bar/116 psi	296 bar/4293 psi

### Mounting kits for hot spray system - HERKULES 333 GX Series

Model	Order number for mounting kit -without circulation-		
	on Chassis	on Lift trolley	on Wall bracket
333075	0660674	0660721	0660716
333057	0660674	0660721	0660716
333037	0660674	0660721	0660716



RS = stainless steel, rust and acid resistant



Accessories - HERKULES 333 GX Series

Name	Description	Order No.	
Spraying accessories set No. 04	Gun WIWA 500 D, hose NW6/1/4"/15 m, max. 410 bar, reversing switch Rev-Guard™, nozzle 627	0621668	
Spraying accessories set No. 05	Gun WIWA 500 D, hose NW6/1/4"/15 m, max. 600 bareversing switch Rev-Guard™, nozzle 627	0621676	

Order numbers HERKULES 333 GX Airless spray equipment

Model	on Chassis	on Lift trolley	on Wall bracket
333075 RS	0663681	0663686	0663684
333057 RS	0663682	0663470	0663471
333037 RS	0663683	0663687	0663685

Sealing and repair kits HERKULES 333 GX Series

Model	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
333075	0663594	0658878	0663595	0658879
333057	0663594	0660203	0663595	0660204
333037	0663594	0660201	0663595	0660202

Mounting kits optional HERKULES 333 GX

Description	Order No.		333075	333057	333037
Pneumatic agitator mounting kit (for chassis and wall bracket)	0660322		●	●	●
Agitator pneumatic (mounting kit for lift trolley - agitator angle adjustable air motor 0,7 kW)	0650400		●	●	●
Mounting kit hot spray system for HERKULES 333 GX RS (chassis without return)	0660674		●	●	●
Mounting kit hot spray system for HERKULES 333 GX RS (wall bracket without return)	0660716		●	●	●
Mounting kit hot spray system for HERKULES 333 GX RS (lift trolley without return)	0660721		●	●	●
Mounting kit return -RS- (chassis and wall bracket)	0660698		●	●	●
Mounting kit 25 liters feed hopper for HERKULES GX 333 cart	0660712		●	●	●

HERKULES GX High pressure pumps

Modell	Output	Pressure ratio	Order No.	
HP-Pumpe 153.63 RS	153 ccm	63:1	0664107	
HP-Pumpe 189.51 RS	189 ccm	51:1	0664108	
HP-Pumpe 275.35 RS	275 ccm	35:1	0664109	
HP-Pumpe 360.27 RS	360 ccm	27:1	0664110	
HP-Pumpe 153.88 RS	153 ccm	88:1	0659666	
HP-Pumpe 189.71 RS	189 ccm	71:1	0660363	
HP-Pumpe 275.49 RS	275 ccm	49:1	0660364	
HP-Pumpe 360.37 RS	360 ccm	37:1	0660365	
HP-Pumpe 550.24 RS	550 ccm	24:1	0660366	
HP-Pumpe 275.49 RS open System	275 ccm	49:1	0661830	
HP-Pumpe 275.75 RS	275 ccm	75:1	0663688	
HP-Pumpe 360.57 RS	360 ccm	57:1	0663689	
HP-Pumpe 550.37 RS	550 ccm	37:1	0663690	



THICK-FILM / MORTAR PUMPS

The **WIWA series 410.09 and 600.12** is perfectly suitable for the application of epoxy and water based thick-film materials and mortars, such as cement mortar, cement-bound fire protection materials, cement slurry and filled vinyl esters. In contrast to screw pumps, WIWA thick-film pumps can be flushed and cleaned with diluting agents. The pump is therefore also first choice when it comes to the transfer of epoxy based materials. Due to the use of quick release couplings the material pumps, which consist of only a few parts, can be quickly disassembled, cleaned and reassembled, which is highly beneficial with short processing times, which are quite common today. The feed funnel can also be simply removed. With this quick maintenance the downtimes, especially in construction site applications, can be reduced considerably. These large capacity pumps are designed with extra large flow passages, and due to the slow pumping speed only suffer very low wear, even when transferring high amounts of material.

AREAS OF APPLICATION

Decks on ships and ferries, Concrete and building sanitation, Sealing of cellars (basements), Fire protection

THICK-FILM / MORTAR PUMPS SERIES - OVERVIEW

Common components in basic equipment

Pump with cart, 25 liter hopper with lid, quick couplings, maintenance unit, bottle of release agent, bottle of pneumatic oil, Operating manual with spare parts list

Technical Data and Order numbers – THICK-FILM / MORTAR PUMPS						
Model	Pressure ratio	Output per cycle	Max. air inlet pressure	Max. operating pressure	Order No.	
410.09	9:1	410 ccm	8 bar/116 psi	72 bar/1044 psi	0653609	
600.12	12:1	600 ccm	8 bar/116 psi	96 bar/1392 psi	0652595	

Sealing and repair kits THICK-FILM / MORTAR PUMPS				
Model	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
410.09	0641491	0648825	0642243	0648826
600.12	0639057	0652133	0639058	0652134

Accessories - THICK-FILM / MORTAR PUMPS			
Name	Description	Order No.	
Accessories kit	10.5 m hose package in protective hose, spray tube with air atomization, 8.5 mm nozzle	0653594	
Optional accessories	Pneumatic Thick Agitator	0652214	

Nozzles for THICK-FILM / MORTAR PUMPS				
Nozzle opening	4,5 mm	6,5 mm	8,5 mm	10,5 mm
Order No.	0639765	0639766	0639767	0639768



WIWA  
COATING UNITS FOR  
FOUNDRY BLACK WASH

- WIWA PROFESSIONAL CLASSIC

- WIWA LOW PRESSURE PUMPS DA



COATING UNITS FOR FOUNDRY BLACK WASH

Foundry washes create a sealed surface between the sand and metal necessary to allow the release of the piece from the form after casting. Black wash is applied through spraying in the fluid state using a **WIWA Low Pressure Pump DA 10:1**.

Either Styrofoam or sand models can be coated. The coating serves to eliminate the rough finish of the form and core to produce smooth casting surfaces. Through the application of the wash using WIWA Airless technology (airless spraying), significantly less overspray is produced as compared to air-assisted systems. WIWA equipment technology for spraying black wash with various solids content.

COATING UNITS FOR FOUNDRY BLACK WASH

Technical Data	Low pressure DA	PROFESSIONAL CLASSIC 28023
Pressure ratio	10 : 1	23 : 1
Max. operating pressure	80 bar/1160 psi	185 bar/2683 psi
Output per cycle	72 ccm	153 ccm
Max. air inlet pressure	8 bar/116 psi	8 bar/116 psi
Max. Output at free flow	10 l/min.	28 l/min.
Order No.	0665329	0656355



WIWA LOW PRESSURE PUMP DA



WIWA PROFESSIONAL CLASSIC



## WIWA HERKULES HX

The alternative for high performance  
in continuous operation.

### EFFICIENT AND ROBUST HYDRAULIC MOTORS

In addition to our air motors, the hydraulic motors of our well-known POWER PACK series have been upgraded and the result is: the **WIWA HERKULES HX**. With large flow rates at high pressure, a long service life and low maintenance costs, this new product is both powerful and economical. Your project is already in full swing? No problem. The pumps in this series can be easily integrated into existing hydraulic systems.

**WIWA HERKULES HX** - the perfect alternative for companies without compressed air supply! By the way: Our well-known and proven DUOMIX 2K coating systems are also available with hydraulic motor.

### AREAS OF APPLICATION

Large surface areas and thick-build coatings, Shipbuilding and offshore industry, Building and corrosion protection, Paint circulation systems and painting lines, Steel and hall construction, Road marking work, Railcar factories, Painting and varnishing companies, Industrial coatings, Insulations, Fire protection, as a feed pump for automatic coating, systems and external extraction points

### MATERIALS

Highly viscous and/or abrasive materials, Flame retardant materials, Glass flake, Insulating and thick-build materials, Antifoulings, Cold bitumen, Low-solvent and solvent-free paints, materials with short fiber fillers, two-component and tar-epoxy paints, Micaceous iron ore, Zinc primers, other sprayable paints and varnishes

### HERKULES HX SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)  
RS = stainless steel rust and acid resistant

Available pump mounts  
Chassis (F), Lift trolley (H), Wall bracket (W)

Common components in basic equipment  
High pressure pump, high pressure filter complete with standard strainer, suction line with suction strainer, bottle of release agent, operating manual with spare parts list

More optional accessories  
Hydraulic power unit, pulsation damper for hydraulic line, spraying accessories

### Technical Data HERKULES HX

Model	Pressure ratio	Output per cycle	Max. Oil output at 60 DS	Max. oil pressure	Max. operating pressure
28003	3:1	153 ccm	28,5 l/min	150 bar/2175 psi	450 bar/6526 psi
34002	2,4:1	189 ccm	28,5 l/min	150 bar/2175 psi	360 bar/5221 psi
35003	3,4:1	275 ccm	66 l/min	133 bar/1929 psi	450 bar/6526 psi
48002	2,6:1	360 ccm	66 l/min	150 bar/2175 psi	390 bar/5656 psi
60001	1,7:1	550 ccm	66 l/min	150 bar/2175 psi	255 bar/3698 psi

### Order numbers HERKULES HX

Model	on Chassis	on Lift trolley	on Wall bracket
28003	0663925	0664308	0664303
34002	0663926	0664309	0664304
35003	0663927	0664310	0664305
48002	0663928	0664311	0664306
60001	0663929	0664312	0664307



Also our proven DUOMIX 2K coating systems are available with hydraulic motors.



WIWA  
HYDRO PX E

Compact and easy to operate.



JUST PLUG IT IN, TURN IT ON AND GET THE JOB DONE –

Since a compressed air hose is not required, the **WIWA HYDRO PX E** series provides a flexible, portable and environmentally friendly pump system. The quality and reliability you have come to expect from WIWA equipment are a given!

AREAS OF APPLICATION

- Building and corrosion protection
- Residential and industrial construction
- Structural and civil engineering
- Everywhere where (energy-)independent work is required

MATERIALS

- Bitumen
- Putty materials
- Fillers
- Primers
- Sealing slurries

Technical Data HYDRO PX E

Model	Power Electric motor	Voltage	Suction	Max. operating pressure	Theoretical pressure ratio	Max. Output per cycle
HYDRO PX E 72	2,2 kW	230 V	DAS	250 bar/3625 psi	2,04:1	72 ccm
HYDRO PX E 111	4 kW	400 V	DAS	250 bar/3625 psi	1,32:1	111 ccm
HYDRO PX E 153	5,5 kW	400 V	DAS	422 bar/6120 psi	3,02:1	153 ccm
HYDRO PX E 189	5,5 kW	400 V	DAS	343 bar/4974 psi	2,45:1	189 ccm
HYDRO PX E 275	5,5 kW	400 V	DAS	233 bar/3379 psi	1,67:1	275 ccm
HYDRO PX E 275 XL	5,5 kW	400 V	DAS	478 bar/6932 psi	342:1	275 ccm

Order numbers HYDRO PX E

Model	Order No.	
HYDRO PX E 72	0671086	
HYDRO PX E 111	0671085	
HYDRO PX E 153	0670468	
HYDRO PX E 189	0670469	
HYDRO PX E 275	0669244	
HYDRO PX E 275 XL	0670470	



RS = rust and acid resistant

F = chassis

DAS = direct suction

The part numbers for models 72 and 111 are ready-to-spray (incl. spray hose, whip hose, WIWA 250 D airless spray gun, swivel and reversible tip - no high-pressure filter included). For the models 153, 189, 275 and 275 XL, pumps are fitted with high-pressure filter only. Spray accessories available separately.



WIWA Hydro PX E 72



WIWA Hydro PX E 111



WIWA Hydro PX E 275

WIWA  
HYDRO PX G

Unlimited flexibility at any location



THE WIWA HYDRO PX G IN DETAIL

Unlike pneumatically or electrically driven pumps, the gas-powered **WIWA HYDRO PX G** operates with an independent power source, making it easy to maneuver over any terrain. The ability to operate without the need for a compressed air hose or electrical cord makes the **WIWA HYDRO PX G** a spacesaving, highly maneuverable platform for any spray job. The quality and reliability you have come to expect from WIWA equipment are a given!

AREAS OF APPLICATION

- Building and corrosion protection
- Residential and industrial construction
- Structural and civil engineering
- Everywhere where (energy-)independent work is required

MATERIALS

- Bitumen
- Putty materials
- Fillers
- Primers
- Sealing slurries

Technical Data HYDRO PX G					
Model	Power engine	Suction	Max. operating pressure	Theoretical pressure ratio	Max. Output per cycle
HYDRO PX G 72	6 PS	DAS	250 bar/3625 psi	2,04:1	72 ccm
HYDRO PX G111	8,4 PS	DAS	250 bar/3625 psi	1,32:1	111 ccm

Bestellnummern für HYDRO PX G		
Model	Order No.	
HYDRO PX G 72	0671288	
HYDRO PX G 111	0671087	



RS = rust and acid resistant      F = chassis      DAS = direct suction

The part numbers are ready-to-spray (incl. spray hose, whip hose, WIWA 250 D airless spray gun, swivel and reversible tip - no high-pressure filter included).



## MIXING RATIO 1:1 TO 10:1 SIMPLE - FLEXIBLE - ASSURED

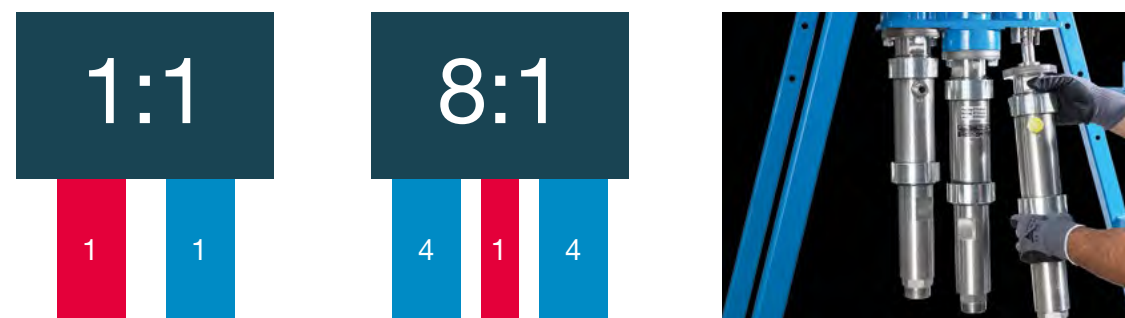
### THE GUARANTEE FOR PRECISE PROPORTIONING AND VARIABLE MIXING

**FLEXIBLE:** WIWA DUOMIX – the world's only 2K system that offers you the flexibility of a variably adjustable 2K system and the assurance of a fixed mixing ratio, and which can be used as a 3K system.

**SIMPLE:** With just a few actions, you set the DUOMIX to the desired mixing ratio. Time-consuming ratio checking and adjustment are superfluous, and accidental adjustment is impossible.

**ASSURED:** The fixed mixing ratio provides you with process assurance. Accidental adjustment and resultant faulty coatings are impossible.

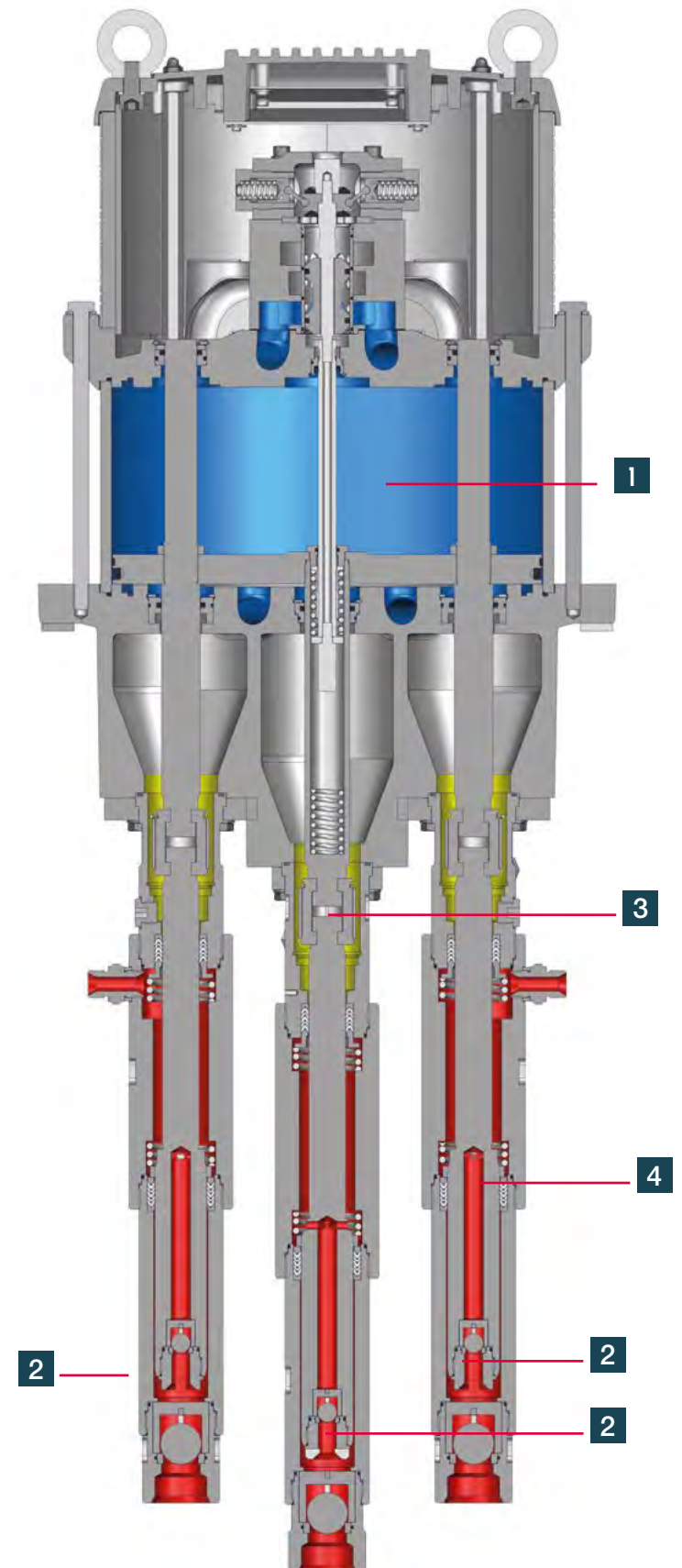
### THE SIMPLE PRINCIPLE: INDIVIDUALLY FLEXIBLE



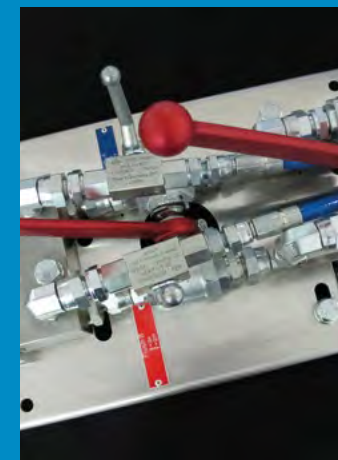
With just a few actions it is possible to modify the system for almost all mixing ratios within a range of 1:1 to 10:1 (also in the decimal range, such as 5.6:1) by exchanging the hardener pump.

### THE BASIC MODULES

- 1 Air motor**  
The air motor with de-icing system and maintenance unit in robust metal design. It is equipped with a piston rod and two guide axes, which are guided in the upper and lower section. This guarantees the non-tipping direct drive of all material pumps, whilst the wear of packing and piston rods is also minimised.
- 2 Material pump combination**  
If new fields of activity should require alternative performance parameters, this is only possible by replacing the material pumps.
- 3 A closed flushing media chamber**  
separates the air motor and material pumps. The flushing media prevents paint encrustation on the piston rods and protects the packing due to its lubricating effect.
- 4 All material pumps are equipped**  
with fixed packing, which is automatically adjusted with packing tensioners. Manual adjustment of the packing is not necessary.



## MODULES OF PERFECTION FOR YOUR – INDIVIDUAL SYSTEM



### HEATING SYSTEMS

A range of different heating options are available for low outside temperatures, highly viscose materials and coatings with high temperature processing:

- EX-protected material heaters (3.5 kW) approved up to 450 bar
- Hose heating (electrically / hot-water heated)
- Barrel floor heaters or heating tape
- Water-heated inflow hoppers

### FEED PUMPS AND FEED SYSTEMS

When processing highly viscose materials you obtain DUOMIX parts, which ensure an optimally tailored supply:

- Inflow hopper
- Membrane pump
- Piston pump
- Automatic top-up system
- for 200 litre barrels (they guarantee interruption-free operation)

### FLUSHING PUMPS

Flushing pumps for cleaning all system parts that come into contact with the mixed material.

### MATERIAL PUMPS

The fixed mixing ratio is determined based on the sizes of the material pumps and hardener pump.

However, it can be adjusted by simply changing the pumps. The material pumps are equipped with fixed packing that is automatically adjusted with packing tensioners.

### MIXING UNIT

The pneumatic mixing unit with flushing device and static mixer is available with manually actuated valves or remote control.

### HIGH PRESSURE FILTER

A rupture disc device, integrated as standard, protects the system against exceeding the maximum permissible working pressure and any damage.

### PRESSURE AND PROPORTIONING MONITORING

Using this equipment it is possible to monitor the mixing ratio. In order to avoid defective mixing, the pressures of both components are monitored by contact manometers. If the set tolerance ranges are undercut or exceeded, the system switches off automatically.



## THE AREA OF APPLICATION DEFINES THE EXECUTION

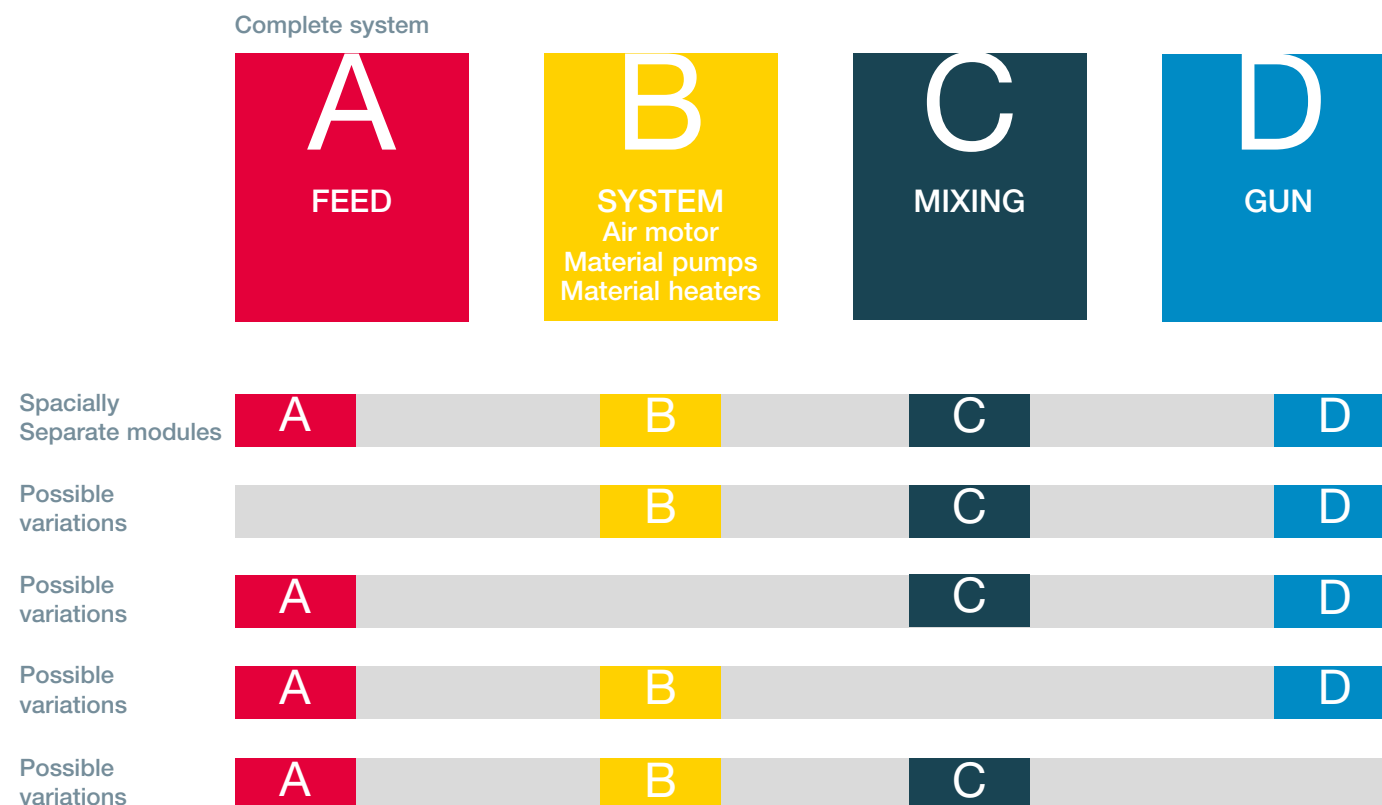
### THE OPTIMUM DESIGN AND EQUIPMENT

From delivery container to airless spray gun - the diversity of the modules, in combination with the range of performance variants, is almost limitless.

### MODULARE BAUWEISE

The design of the DUOMIX system is tailored to the application area and the spray material. Depending on the application area, the WIWA DUOMIX system can be designed as a fixed, complete system, or as spatially separated modules.

### THE DUOMIX PRINCIPLE: INDIVIDUALLY MODULAR



### WIWA DUOMIX

#### SUITABLE FOR SHORT POT LIVES

In use globally for the processing of highly viscous, solvent-free 2K or 3K materials with particular strengths with extremely short pot lives (under 30 seconds).

#### FOR HIGH TO LOW VISCOSITY MATERIALS

Large performance range for almost all low to high viscous 2K coatings.

#### WITH INTERCHANGEABLE MIXING RATIO

With just a few actions it is possible to change the material pumps and therefore also the material ratio.

#### WITH HIGHER WEAR RESISTANCE

Non-tipping direct drive of all material pumps.

#### RELIABLE IN ALL TEMPERATURE RANGES

Decentralised use of the heating systems for the perfect coating, even with low ambient temperatures.

#### FOR 3 COMPONENTS

Due to the special design, it is also possible to use the WIWA DUOMIX system as a 3K processing system.

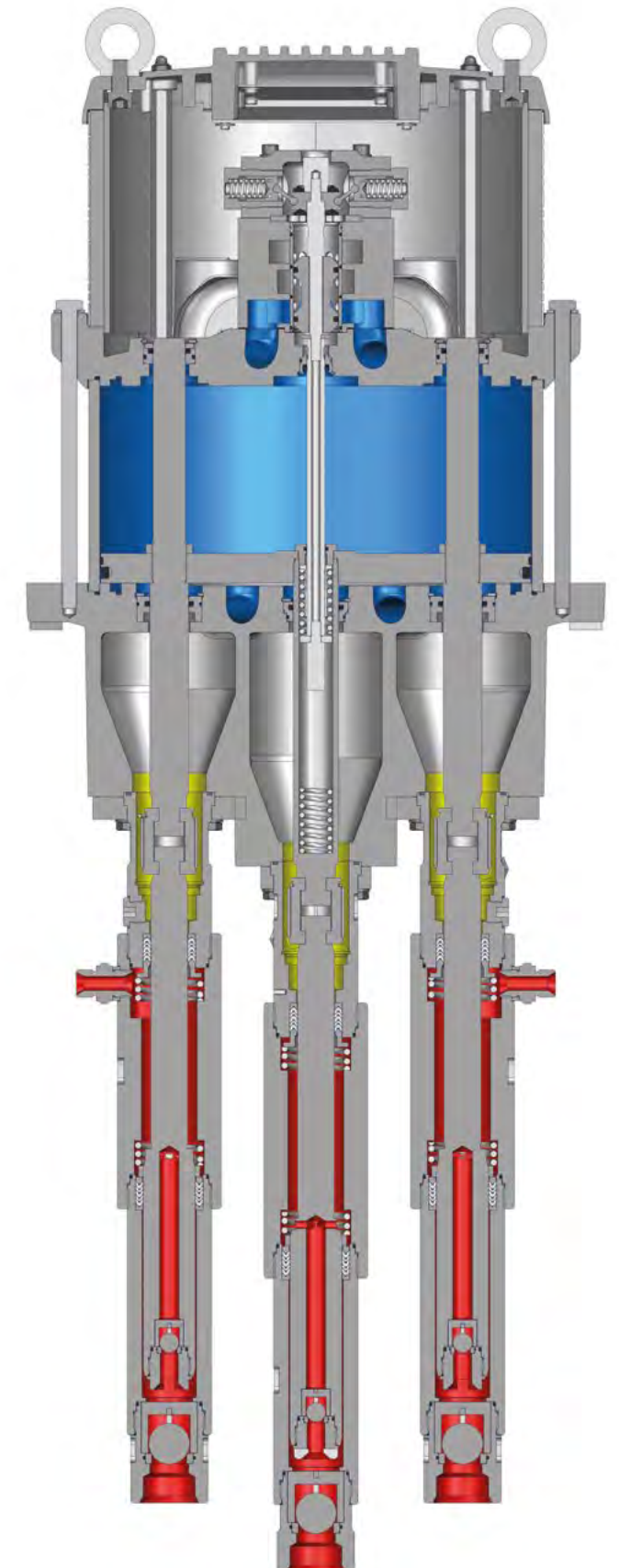
#### WITH MODULAR DESIGN

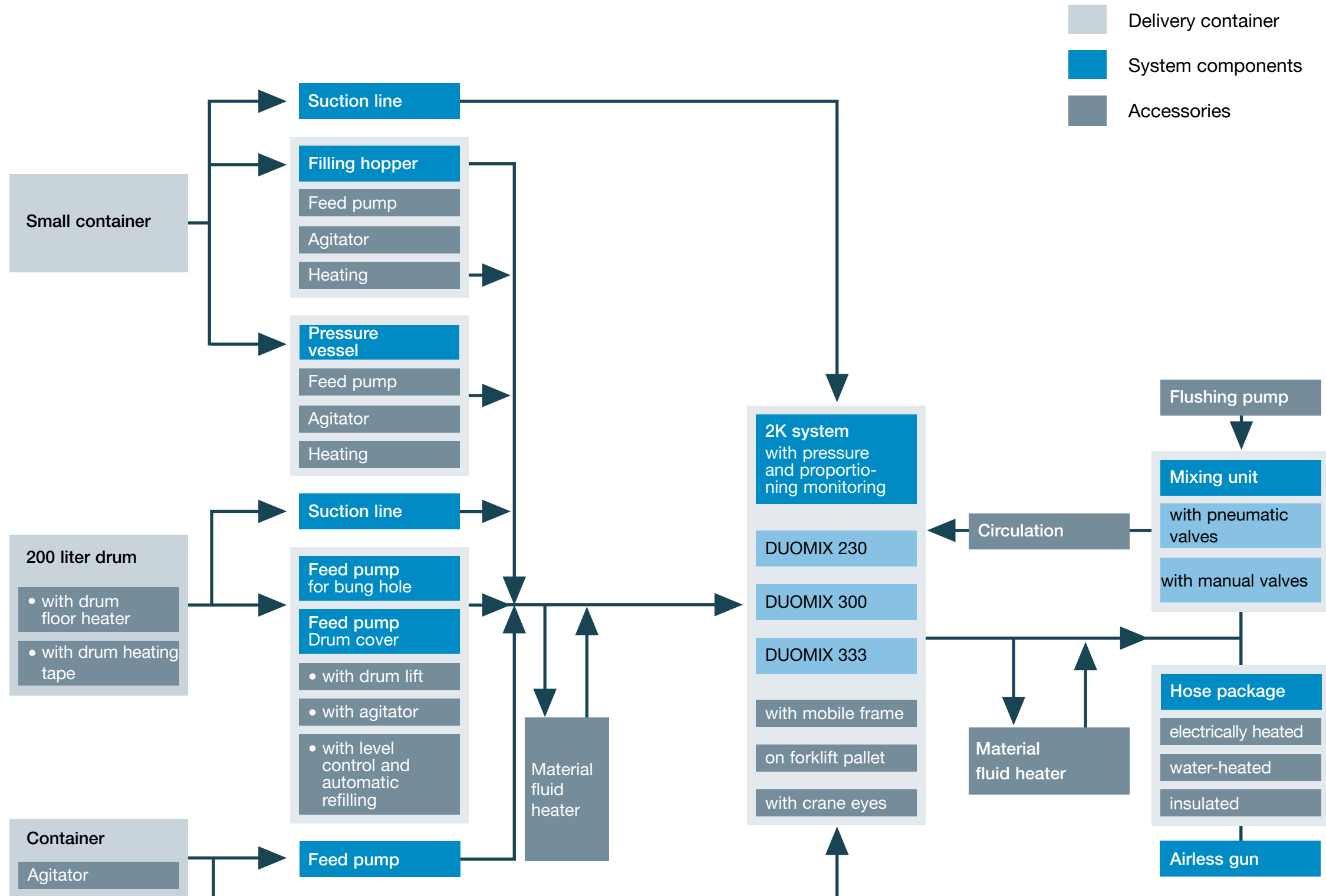
Based on almost limitless modular solution diversity, every system is designed according to the special requirements of the customer.

#### AS A MOBILE SYSTEM

Suitable for transport in all site areas:

- with crane eyes
- with mobile frame
- on forklift pallet







THE WIWA DUOMIX SERIES AT A GLANCE

Customized special solutions for your application. Every project brings its own challenges. We at WIWA love these challenges, because we are able to develop 100% customized special solutions. We will be happy to advise you at any time by e-mail or in a personal conversation.









Technical Data	DUOMIX 230 Mini	DUOMIX 270 GX	DUOMIX 333 GX	DUOMIX 333 GX PFP
Volumetric Mixing ratios	1:1 up to 10:1	1:1 up to 10:1	1:1 up to 10:1	1:1/2:1/2,33:1
Pressure ratio	up to 75:1	20:1 up to 80:1	up to 85:1	66:1/58,34:1/61:1
Max. operating pressure	450 bar/6526 psi	450 bar/6526 psi	450 bar/6526 psi	429/408/427 bar 6222/5917/6193 psi
Max. Output per cycle	266 ccm	396 ccm	715 ccm	329 ccm
Max. inlet pressure	8 bar/116 psi	8 bar/116 psi	8 bar/116 psi	8 bar/116 psi





THE WIWA DUOMIX SERIES

FOR SPRAY FOAM APPLICATIONS

F = Chassis  
GS = Frame standing

The complete equipment also includes the WIWA PU GUN 4040 with case, the hose package as well as the feed pumps including connecting hoses and mounting kit for the corresponding bracket.



The complete set also includes the WIWA PU GUN 4040 with case and the 18 m hose package.

Technical Data	SPF 240		SPF 280		DUOMIX 540 PU	
Volumetric Mixing ratios	1:1		1:1		1:1*	
Pressure ratio	25:1		15:1		31:1	
Max. operating pressure	200 bar/2900 psi		128 bar/1856 psi		247 bar/3582 psi	
Max. output per cycle	86 ccm		144 ccm		264 ccm	
Max. inlet pressure	8 bar/116 psi		8 bar/116 psi		8 bar/116 psi	
Material fluid heater	6 kW		6 kW		12 kW	
Max. Heating capacity hose package	3,5 kW		3,5 kW		6,5 kW	
Max. hose length	93 m		93 m		138 m	
Voltage/Phases	230 - 400 V/3 P		230 - 400 V/3 P		230 - 400 V/3 P	
Max. Power consumption	9,5 kW		9,5 kW		18,5 kW	
Basic equipment version	F	GS	F	GS	230 V, 3-Phases, 50/60 Hz	400 V, 3-Phases, 50/60 Hz
Order No.	0671177	0671176	0668976	0668975	0665041	0664250
Complete equipment version	F	GS	F	GS	230 V, 3-Phases, 50/60 Hz	400 V, 3-Phases, 50/60 Hz
Order No.	0671179	0671178	0668978	0668977	0665040	0664300





THE WIWA FLEXIMIX SERIES AT A GLANCE

Customized special solutions for your application. Every project brings its own challenges. We at WIWA love these challenges, because we are able to develop 100% customized special solutions. We will be happy to advise you at any time by e-mail or in a personal conversation.



Technical Data	FLEXIMIX 1 ND	FLEXIMIX 1	FLEXIMIX 2 PHOENIX GX	FLEXIMIX 2 PROFESSIONAL GX	FLEXIMIX 2 HERKULES 270/333 GX	
Volumetric Mixing ratios	0,5:1 up to 50:1	0,5:1 up to 50:1	0,5:1 up to 17:1	0,5:1 up to 17:1	0,5:1 up to 17:1	0,5:1 up to 17:1
Pressure ratio	-	-	10:1 up to 52:1	32:1 up to 71:1	24:1 up to 88:1	37:1 up to 75:1
Max. operating pressure	up to 25 bar/362 psi	up to 400 bar/5801 psi	up to 416 bar/6033 psi	up to 460 bar/6671 psi	up to 497 bar/7108 psi	up to 487 bar/7063 psi
Controllable components	up to 10	up to 10	up to 4	up to 4	up to 4	up to 4

The new electronic 2K FLEXIMIX 2 series has been designed and built to meet the highest performance requirements. With high coverage capability, high coating thicknesses and the simultaneous use of several spray guns or extremely long hose lines, it is suitable for applications with large surfaces and thick film coatings. Due to the high delivery rate, the 2K FLEXIMIX 2 series is also ideal for manual and automatic coating systems.

The extensive WIWA range of accessories ensures an optimum configuration for every application. The multifunctional frame allows easy maintenance and can be outfitted with a variety of add-on equipment such as material flow heaters, feed tanks and flush pumps.

For mobile use, the chassis can optionally be provided with wheels. With this unit, you are prepared to face the challenges of current materials and work environments, as well as the increasingly important requirements for occupational health and safety.

With the help of the integrated WIWA DATALOGGER, you always have control over a wide range of operating data. Reporting is done directly on the machine, so that documentation of material consumption, e.g. can be downloaded from the machine immediately after the end of work. The unit combines the advantages of simple and clear operation for the painter with integration into the current information technologies.

OUR HYDRAULIC  
DUOMIX UNITS AT A GLANCE

Customized special solutions for your application. Every project brings its own challenges. We at WIWA love these challenges, because we are able to develop 100% customized special solutions. We will be happy to advise you at any time by e-mail or in a personal conversation.



The complete set additionally includes the WIWA PU GUN 4040 with case and the 18 m hose package.



Technical Data	DUOMIX POWERPACK XL	DUOMIX POWERPACK XXL
Volumetric Mixing ratios	1:1 up to 10:1	1:1 up to 8:1
Pressure ratio	up to 4:1	up to 4:1
Max. operating pressure	450 bar/6526 psi	450 bar/6526 psi
Max. output per cycle	292 ccm	1.100 ccm
Max. inlet pressure	200 bar/2900 psi	200 bar/2900 psi

Technical Data	DUOMIX PU HYDRAULIK		
Mixing ratio	1:1		
Max. Output per cycle	194 ccm		
Max. Output	6,6 l		
Heating capacity material fluid heater	12 kW		
Heating capacity hose package	47 W/m		
Max. hose length at 400 V	138 m		
Power hydraulic unit	4 kW/5 Ps		
Voltage	230 - 400 V		
Max. Power consumption	23 kW		
Max. operating pressure	250 bar/3625 psi		
Basic equipment version	230 V, 3-Phases, 60 Hz	380 V, 3-Phases, 60 Hz	400 V*, 3-Phases, 50 Hz
Order No.	0664247	0664258	0664150
Complete equipment version	230 V, 3-Phases, 60 Hz	380 V, 3-Phases, 60 Hz	400 V*, 3-Phases, 50 Hz
Order No.	0664421	0664200	0664210

\* For 400 V versions, neutral and protective conductor (5 wires in total) are required.





WIWA Gun Type 250

WIWA Guns Types 250				
<div><ul style="list-style-type: none"><li>• suitable for all sprayable media</li><li>• for fine paint jobs and large surfaces</li><li>• soft two-finger trigger</li></ul></div>				
Order No.		Model	Description	max. Pressure
0011258		WIWA 250	Two-finger trigger without swivel 1/4" NPSM with tip connection thread 1 1/16" UNS	300 bar/ 4351 psi
0646997		WIWA 250 D	Two-finger trigger with swivel 1/4" NPSM with tip connection thread 7/8"	300 bar/ 4351 psi
0015032		WIWA 250 D	Two-finger trigger with swivel 3/8" NPSM with tip connection thread 1 1/16" UNS	300 bar/ 4351 psi
0632559		WIWA 250 D FI	Two-finger trigger with swivel with tip connection thread 1 1/16" UNS with M 200 filter in the handle	300 bar/ 4351 psi



WIWA Gun Type 500

WIWA Guns Types Typ 500				
<div><ul style="list-style-type: none"><li>• soft four-finger trigger</li><li>• for work with protective gloves</li><li>• can be used with all known Airless systems</li><li>• for large surface-area application</li></ul></div>				
Order No.		Model	Description	max. Pressure
0011479		WIWA 500	Four-finger trigger without swivel 1/4" NPSM with tip connection thread 1 1/16" UNS	500 bar/ 7251 psi
0015091		WIWA 500 FI	Four-finger trigger without swivel 1/4" NPSM with tip connection thread 1 1/16" UNS with M 200 filter in the handle	500 bar/ 7251 psi
0015016		WIWA 500 D	Four-finger trigger with swivel 1/4" NPSM with tip connection thread 1 1/16" UNS	500 bar/ 7251 psi
0643409		WIWA 500 D	Four-finger trigger with swivel 1/4" NPSM with tip connection thread 7/8"	500 bar/ 7251 psi
0015040		WIWA 500 D	Four-finger trigger with swivel 3/8" NPSM with tip connection thread 1 1/16" UNS	500 bar/ 7251 psi
0015105		WIWA 500 D-FI	Four-finger trigger with swivel 1/4" NPSM with tip connection thread 1 1/16" UNS with filter M 200 in the handle	500 bar/ 7251 psi
0646452		WIWA 500 D-FI	Four-finger trigger with swivel 1/4" NPSM with tip connection thread 7/8" with filter M 200 in the handle	500 bar/ 7251 psi



WIWA 500 F and return manifold for hot spray systems

WIWA Spray Guns for PFP Material				
<div><ul style="list-style-type: none"><li>• extra large material passages</li><li>• ideal for highly viscous materials</li><li>• with swivel</li></ul></div>				
Order No.		Model	Description	max. Pressure
0647352		WIWA 500 FD	Four-finger trigger with front connection 1/2" NPS A and reversing switch/insertion thread 7/8" PFP USA with valve needle D = 3 mm	500 bar/ 7251 psi
0644977		WIWA 500 FD	Four-finger trigger with front connection 1/2" NPS A for fire protection material PFP	500 bar/ 7251 psi
0669799		WIWA 500 F	with front connection 1/4" NPS (A) connection for nozzle guard: 7/8" with valve needle D = 5 mm	500 bar/ 7251 psi
0658752		WIWA 500 F	with front connection 1/2" NPS A connection for nozzle guard: 7/8" with valve needle D = 5 mm	500 bar/ 7251 psi

WIWA Guns Type 500 F				
<div><ul style="list-style-type: none"><li>• ideal for hot spraying</li><li>• suitable for water-based paints</li><li>• non-corroding material path</li></ul></div>				
Order No.		Model	Description	max. Pressure
0012092		WIWA 500 F	Four-finger trigger with front connection 1/4" NPSM with nozzle connection thread 11/16" UNS	500 bar/ 7251 psi
0668560		WIWA 500 FD	Four-finger trigger with front connection and swivel 1/4 NPSM (like 0012092 but with swivel)	500 bar/ 7251 psi
0643411		WIWA 500 F	Four-finger trigger with front connection 1/4" NPSM with nozzle connection thread 7/8"	500 bar/ 7251 psi
0630872		WIWA 500 F	Safety bar for WIWA 500 F	-



Nozzles are not included in the aforementioned articles (except order numbers 0653095). Please order separately.



WIWA OPTIMA 2100 Air Combi manual spray gun



WIWA AC 1800 Air Combi manual spray gun



AC MAN MG120 Air Combi manual spray gun

WIWA Air Combi Guns			
<div><div></div><div><ul style="list-style-type: none"><li>• ideal for hot spraying</li><li>• suitable for water-based paints</li><li>• non-corroding material path</li></ul></div></div>			
Order No.	Model	Description	max. Pressure
0653095	WIWA OPTIMA 2100	Two-finger trigger with front connection 1/4" with swivel joint	250 bar
0672297	WIWA AC 1800 Basis	with material nozzle, without material pipe, filter	250 bar
0672298	WIWA AC 1800 Short	with material nozzle, material pipe and filter short (100 msh)	250 bar
0672299	WIWA AC 1800 Long	with material nozzle, material pipe and filter long (100 msh)	250 bar
0671954	AC MAN MG120SS	with material nozzle, material pipe and filter short (100 msh)	250 bar
0671953	AC MAN MG120SL	with material nozzle, material pipe and filter long (100 msh)	250 bar

Sealing and repair kits Air Combi Guns		
Model	Order number for sealing kit	Order number for repair kit
WIWA OPTIMA 2100	0653178	0653179
WIWA AC 1800	-	-
AC MAN MG120	0671957	0671958

i

Nozzles are not included in the aforementioned articles (except order numbers 0653095). Please order separately.





WIWA 300 Automatic gun



WIWA Airless 200/400 Automatic gun



WIWA Air Combi Automatic gun

### WIWA Airless Automatic Guns

- for fully and semi-automatic painting systems
- fast closing automatic spray gun
- for pneumatic closing device
- nozzle connection thread 11/16" UNS
- suitable for water-based and solvent-based paints

Order No.	Model	Description	max. Pressure
0630876	WIWA Automatic gun 250	with connection thread NPS 1/4" valve needle 4 mm	250 bar/ 3625 psi
0630479	WIWA Automatic gun 300	with connection thread NPS 1/4" valve needle 3 mm	300 bar/ 4351 psi
0667872	WIWA Automatic gun 200	with connection thread NPS 1/4" valve needle 3 mm	200 bar/ 2900 psi
0646339	WIWA Automatic gun 225	with connection thread NPS 1/4" valve needle 4 mm	225 bar/ 3263 psi
0642193	WIWA Automatic gun 400	with connection thread NPS 1/4" Valve needle 3 mm	400 bar/ 5801 psi
0643134	WIWA Automatic gun 400	with connection thread M16x1.5 valve needle 3 mm	400 bar/ 5801 psi
0663580	WIWA Automatic gun 400	with connection thread NPS 1/4" Valve needle 3 mm	400 bar/ 5801 psi
0646154	WIWA Automatic gun 400	with connection thread NPS 3/8" valve needle 3 mm	400 bar/ 5801 psi
0632419	WIWA Automatic valve	Automatic valve 4 mm with return -RS-	250 bar/ 3625 psi

### WIWA Air Combi Automatic valves

Order No.	Description	max. Pressure
0632419	WIWA automatic valve, NPSM 1/4", valve needle 4 mm	250 bar/ 3625 psi
0632232	WIWA automatic valve, G 3/8", valve needle 6 mm	450 bar/ 6526 psi
0639840	WIWA automatic valve, G 1/2", valve needle 6 mm	450 bar/ 6526 psi
0646967	WIWA automatic valve, G 1/2", valve needle 10 mm	170 bar/ 2465 psi
0650580	WIWA automatic valve, G 1/2", valve needle 10 mm	300 bar/ 4351 psi



WIWA PU GUN 4040 hand gun



WIWA PU GUN 4040 Automatic gun

### WIWA PU GUN 4040

- For processing PUR foam and polyurea
- Variability through exchange of mixing chambers
- Low dead weight for fatigue-free working

Order No.	Model	Description	max. Pressure
0667480	WIWA PU GUN 4040 hand gun	Standard version: Mixing chamber with rotary jet tip (7 kg/min/ 18 lb/min) Material sieve Mesh 60 complete with case	250 bar/ 3625 psi
0667797	WIWA PU GUN 4040 Automatic gun	Standard version: Mixing chamber with rotary jet tip (7 kg/min/ 18 lb/min) Material sieve Mesh 60 complete with case	250 bar/ 3625 psi

### Mixing chambers with rotary jet tips for WIWA PU GUN 4040

Order No.	Order No. of the Insert	Input-bores A/B mm (inch)	Premix chamber C mm (inch)	Output bore D mm (inch)	Output at max. operating pressure l/min (lb/min)	Identification
0657333	0657198	0,5/0,5 (0.019)	1,3 (0.051)	1,0 (0.039)	3,8 (10)	A
0656909	0656576	0,7/0,7 (0.028)	1,6 (0.063)	1,3 (0.051)	7,0 (18)	B
0657335	0657197	1,0/1,0 (0.039)	1,8 (0.071)	1,5 (0.059)	9,5 (25)	C
0657334	0657196	1,3/1,3 (0.051)	2,05 (0.081)	1,8 (0.071)	15,2 (40)	D
0664474	0657198	0,5/0,5 (0.019)	-	1,2 (0,0468)	-	X
0664475	0656576	0,7/0,7 (0.028)	-	1,5 (0.059)	-	Y

### Mixing chambers with flat spray nozzles for WIWA PU GUN 4040

Order No.	Order No. of the Insert	Input-bores A/B mm (inch)	Premix chamber C mm (inch)	Output bore D mm (inch)	Output at max. operating pressure l/min (lb/min)	Identification
0657337	0658354	0,5/0,5 (0.019)	1,3 (0.051)	2,5 (0.098)	2,8 (7.5)	A
0657336	0658355	0,7/0,7 (0.028)	1,6 (0.063)	2,5 (0.098)	5,7 (15)	B
0657339	0658355	1,0/1,0 (0.039)	1,8 (0.071)	2,5 (0.098)	6,8 (18)	C
0657338	0658356	1,3/1,3 (0.051)	2,05 (0.081)	2,5 (0.098)	8,7 (23)	D

### Mixing chambers for foam applications for WIWA PU GUN 4040

Order No.		Inputbores A/B mm (inch)	Premix chamber C mm (inch)	Output bore D mm (inch)	Output at max. operating pressure l/min (lb/min)	Identification
0664059		0,3/0,3 (0.012)	0,8 (0.031)	-	-	G
0664060		0,2/0,2 (0.008)	0,6 (0.024)	-	-	F
0664743		0,4/0,4 (0.016)	1,1 (0.043)	-	-	H
0664736		0,7/0,7 (0.027)	1,5 (0.059)	-	-	B1

### Mixing chambers for hose nozzle for WIWA PU GUN 4040

Order No.		Order No. of the Insert		Inputbores A/B mm (inch)	Premix chamber C mm (inch)	Output bore D mm (inch)	Output at max. operating pressure l/min (lb/min)	Identification
0659321		0659086		0,7/0,7 (0.027)	1,6 (0.063)	-	-	B

### Mixing chambers for static mixers for WIWA PU GUN 4040

Order No.		Order No. of the Insert		Inputbores A/B mm (inch)	Premix chamber C mm (inch)	Output bore D mm (inch)	Output at max. operating pressure l/min (lb/min)	Identification
0660190		0660191		0,7/0,7 (0.027)	1,6 (0.063)	1,3 (0.051)	-	B
0662443		0662446		0,5/1,0 (0.019/0.039)	1,3 (0.051)	1,0 (0.039)	-	A
0662443		0662447		1,0/1,0 (0.039)	1,8 (0.071)	1,5 (0.059)	-	C
0662443		0662448		1,3/1,3 (0.051)	2,05 (0.081)	1,8 (0.071)	-	D
0662443		0662447		1,1/0,7 (0.043 / 0.027)	1,6 (0.063)	1,5 (0.059)	-	Z

### Nozzles for WIWA PU GUN 4040

Order No.		Discharge angle (°)	Opening width (mm/inch)
0658351		40	0,61 (0.02)
0658352		40	0,97 (0.04)
0658353		40	1,22 (0.048)
0658354		60	0,61 (0.024)
0658355		60	0,97 (0.038)
0658356		60	1,22 (0.048)
0658357		80	0,61 (0.024)
0658358		80	0,97 (0.038)
0658359		80	1,22 (0.048)



Nozzle filter (left) and Gap filter (right)



Filter insert for Airless WIWA 250 and 500 spray guns



Screw-in filter for Air Combi guns



Tip cleaning needles



Tip guard

### WIWA Filter

#### Tip filter

Order No.		Description
0638164		Tip filter M 60 complete with housing for Airless spray guns 11/16" UNS
0638165		Tip filter M 100 complete with housing for Airless spray guns 11/16" UNS
0414433		Edge-type filter M 100, non-corroding, for tip filter M 100
0461520		Edge-type filter M 60, non-corroding, for tip filter M 60

#### Filter insert for Airless spray guns WIWA 250 and 500

Order No.		Description	Mesh size	Color
0638201		Filter insert	M 30	Green
0414700		Filter insert	M 50	White
0467448		Filter insert	M 100	Yellow
0638200		Filter insert	M 150	Blue
0467456		Filter insert	M 200	Red

#### Screw filter for Air Combi spray guns

Order No.		Description	Mesh size	Color
0632866		Screw filter	M 80	White
0632867		Screw filter	M 150	Yellow
0632868		Screw filter	M 295	Red

#### Tip cleaning needles

Order No.		Description
0627823		Universal tip cleaning needle (x1)
0638229		Universal tip cleaning needle (pack of 12)

### Tip guard

Order No.		Description
0638632		Tip guard with swivel nut for Airless spray guns 11/16" UNS V2A
0648808		Tip guard with swivel nut for Airless spray guns 7/8"

### WIWA protective tip caps

Order No.		Description
0468630		Protective tip cap for adjustable tips
0484997		Protective tip cap for reversible guard tips
0638632		Protective tip cap for standard tips





WIWA gun extension with swivel head



WIWA swivel head



Adjustable tips



Reversible guard for reversible tip

### WIWA gun extensions

Order No.		Description	Length	max. Pressure
0468797		WIWA gun extension, straight	20 cm	400 bar/5801 psi
0631165		WIWA gun extension, straight, with 90° angled tip	30 cm	350 bar/5076 psi
0468800		WIWA gun extension, straight	40 cm	400 bar/5801 psi
0631325		WIWA gun extension, straight	100 cm	400 bar/5801 psi
0492698		WIWA gun extension, straight	200 cm	400 bar/5801 psi

#### For Air Combi only

0646791		WIWA gun extension with swivel head	10 cm	350 bar/5076 psi
0646799		WIWA gun extension with swivel head	20 cm	350 bar/5076 psi
0646800		WIWA gun extension with swivel head	30 cm	350 bar/5076 psi
0646801		WIWA gun extension with swivel head	40 cm	350 bar/5076 psi
0646802		WIWA gun extension with swivel head	50 cm	350 bar/5076 psi

### WIWA swivel head

Order No.		Description	max. Pressure
0465070		WIWA 180° swivel head for spray guns	280 bar/4061 psi
0655304		Knee joint 11/16"	290 bar/4206 psi

### WIWA adjustable tips

Order No.		Code No.	Tip opening	Spray width	Application
0419052		15	0,07 - 0,18 mm	50 - 400 mm	Paints
0418005		20	0,18 - 0,48 mm	50 - 400 mm	Paints, fillers
0419044		24	0,23 - 0,58 mm	50 - 500 mm	Paints, fillers
0418013		28	0,28 - 0,66 mm	80 - 550 mm	Paints, emulsion paints
0418021		41	0,43 - 0,88 mm	100 - 600 mm	Primers, emulsion paints
0418048		49	0,53 - 1,37 mm	100 - 400 mm	Large surface coating paints

### Reversible guard for reversible tip

Order No.		Description	max. Pressure
0649204		WIWA Reversible guard without tip 11/16" UNS	345 bar/5003 psi
0649205		WIWA Reversible guard without tip 7/8"	345 bar/5003 psi
0649327		WIWA Reversible guard without tip 11/16" UNS	500 bar/ 7251 psi
0649328		WIWA Reversible guard without tip 7/8"	500 bar/ 7251 psi

### WIWA Airless tips

Areas of application	Order No. Standard tip		Order No. Easy Clean Tip Reversible guard		Tip openings*			
					mm	inch	Spray angle	Spray width in mm**
Clear coat paint Release agents Oils	0416371		–		0,18	0,007	15°	75-100
	–		0417130		0,18	0,007	20°	100-125
	0416215		–		0,18	0,007	25°	125-150
	–		0416975		0,18	0,007	30°	150-200
	0416045		0416819		0,18	0,007	40°	200-225
Clear coat paint Release agents Oils Stains	0416398		–		0,23	0,009	15°	75-100
	–		0417149		0,23	0,009	20°	100-125
	0416223		–		0,23	0,009	25°	125-150
	–		0416983		0,23	0,009	30°	150-200
	0416053		0416827		0,23	0,009	40°	200-225
	–		–		0,23	0,009	50°	225-250
	0418927		0418811		0,23	0,009	60°	250-300
Fine quality paint Transparent paints Release agents Solvent based stains	0416401		–		0,28	0,011	10°	50-100
	0416231		0417157		0,28	0,011	20°	100-150
	–		0416991		0,28	0,011	30°	150-200
	0416061		0416835		0,28	0,011	40°	200-250
	0415901		0416665		0,28	0,011	50°	250-300
	–		0416517		0,28	0,011	60°	300-350
	0415758		–		0,28	0,011	70°	350-400
	0418943		0418846		0,28	0,011	80°	400-450
All types of paint Fillers Water-based paint Thick film varnish	0416428		–		0,33	0,013	10°	50-100
	0416258		0417165		0,33	0,013	20°	100-150
	–		0417009		0,33	0,013	30°	150-200
	0640815		0416843		0,33	0,013	40°	200-250
	0415928		0416673		0,33	0,013	50°	250-300
	0653222		0416525		0,33	0,013	60°	300-350
	0415766		–		0,33	0,013	70°	350-400
	0418951		0418862		0,33	0,013	80°	400-450
All types of paint Primers Zinc chromate primer Fillers Water-based paints Thick film varnish Rust-inhibiting paint	0416266		0465216		0,38	0,015	20°	100-150
	0663421		0417017		0,38	0,015	30°	150-200
	0416096		0416851		0,38	0,015	40°	200-250
	0415936		0416681		0,38	0,015	50°	250-300
	0663530		0416533		0,38	0,015	60°	300-350
	0415774		–		0,38	0,015	70°	350-400
	0418978		0418870		0,38	0,015	80°	400-450
	0661924		–		0,38	0,015	110°	550-600
All types of paint, primers, fillers, rust-inhibiting paints, zinc primers, zinc dust paints	0416436		–		0,41	0,016	10°	50-100
	–		0417173		0,41	0,016	20°	100-150



The details for spray widths and tip openings are average values and correspond to the usual tolerance for spray tips. When ordering tips, please always state the WIWA order number.

\* Other tip sizes available on request

\*\* With an approx. 30 cm (11.81") distance from the object

### WIWA Airless tips

Areas of application	Order No.		Order No.		Tip openings*			
	Standard tip		Easy Clean Tip Reversible guard		mm	inch	Spray angle	Spray width in mm**
All types of paint Primers Fillers Rust-inhibiting paints Zinc primers Zinc dust paints	0642158		–		0,43	0,017	30°	150-200
	0653875		–		0,43	0,017	40°	200-250
	–		–		0,43	0,017	50°	250-300
	0648684		–		0,43	0,017	60°	300-350
	–		–		0,43	0,017	70°	350-400
	0653595		–		0,43	0,017	80°	400-450
	0653596		–		0,43	0,017	90°	450-500
Primers with a high solids content Fillers Sprayable putty Rust-inhibiting paints Zinc primers Zinc dust paints Epoxy coatings Undercoating	0416274		–		0,46	0,018	20°	100-150
	–		0417025		0,46	0,018	30°	150-200
	0416118		0416878		0,46	0,018	40°	200-250
	0415944		0416703		0,46	0,018	50°	250-300
	–		0416541		0,46	0,018	60°	300-350
	0415782		–		0,46	0,018	70°	350-400
	0418986		0418889		0,46	0,018	80°	400-450
	0654593		–		0,48	0,019	50°	250-300
	0652759		–		0,48	0,019	80°	400-450
	0653597		–		0,48	0,019	90°	450-500
Zinc silicates, sprayable putty, antifouling paints, epoxy coatings, latex paints, fillers, emulsion paints, rubber paints, micaceous iron oxide paint, zinc dust paints, undercoating and other rust-inhibiting materials	0416282		0638098		0,53	0,021	20°	100-150
	–		0417033		0,53	0,021	30°	150-200
	0416126		0416886		0,53	0,021	40°	200-250
	0415952		0416711		0,53	0,021	50°	250-300
	0415790		0416568		0,53	0,021	60°	300-350
	0652285		–		0,53	0,021	70°	350-400
	0418994		0418897		0,53	0,021	80°	400-450
	0653598		–		0,53	0,021	90°	450-500
Epoxy coatings, antifouling paints, emulsion paints, rubber paints, micaceous iron oxide paints, undercoating and other rust-inhibiting materials	0652331		–		0,53	0,021	110°	550-600
	0416290		–		0,58	0,023	20°	100-150
	–		0417041		0,58	0,023	30°	150-200
	0416134		0416894		0,58	0,023	40°	200-250
	0415960		0416738		0,58	0,023	50°	250-300
	0653749		0416576		0,58	0,023	60°	300-350
	0415804		–		0,58	0,023	70°	350-400
	0419001		0418900		0,58	0,023	80°	400-450
	0650018		–		0,58	0,023	90°	450-500
	0647718		–		0,58	0,023	110°	550-600

### WIWA Airless tips

Areas of application	Order No.		Order No.		Tip openings*			
	Standard tip		Easy Clean Tip Reversible guard		mm	inch	Spray angle	Spray width in mm**
Epoxy coatings Latex paints Antifouling paints Emulsion paints Rubber paints Micaceous iron oxide paint Undercoats and other rust-inhibiting materials	0652137		–		0,63	0,025	60°	300-350
	0651655		–		0,63	0,025	70°	350-400
	0654141		–		0,63	0,025	80°	400-450
	0416304		–		0,66	0,026	20°	100-150
	–		0417068		0,66	0,026	30°	150-200
	0416142		0416908		0,66	0,026	40°	200-250
	0415979		0416746		0,66	0,026	50°	250-300
	–		0416584		0,66	0,026	60°	300-350
	0415812		–		0,66	0,026	70°	350-400
	0419028		0418919		0,66	0,026	80°	400-450
	0650393		–		0,66	0,026	90°	450-500
	0653239		–		0,68	0,027	40°	200-250
	–		–		0,68	0,027	50°	250-300
	0652284		–		0,68	0,027	60°	300-350
	0652286		–		0,68	0,027	70°	350-400
	–		–		0,68	0,027	80°	400-450
	0654140		–		0,68	0,027	90°	450-500
	–		–		0,68	0,027	100°	500-550
	0653246		–		0,68	0,027	110°	550-600
Glasflake materials Fillers Foundry wash Thick film materials Bitumen Antifouling paints Noise suppressive coatings and other coarsely pigmented coating materials	0653240		–		0,73	0,029	40°	200-250
	0653245		–		0,73	0,029	110°	550-600
	0416312		–		0,78	0,031	20°	100-150
	–		0417076		0,78	0,031	30°	150-200
	0416150		0416916		0,78	0,031	40°	200-250
	0415987		0416754		0,78	0,031	50°	250-300
	–		0416592		0,78	0,031	60°	300-350
	0415820		–		0,78	0,031	70°	350-400
	0415677		0416444		0,78	0,031	80°	400-450
	0653223		–		0,84	0,033	80°	400-450
	0653224		–		0,84	0,033	90°	450-500



The details for spray widths and tip openings are average values and correspond to the usual tolerance for spray tips. When ordering tips, please always state the WIWA order number.

\* Other tip sizes available on request

\*\* With an approx. 30 cm (11.81") distance from the object



WIWA Airless tips								
Areas of application	Order No.		Order No.		Tip openings*			
	Standard tip		Easy Clean Tip Reversible guard		mm	inch	Spray angle	Spray width in mm**
Glasflake materials Fillers Foundry wash Thick film materials Bituminous coal tar pitch and other coarsely pigmented coating materials	0654615		–		0,89	0,035	80°	400-450
	0654614		–		0,89	0,035	90°	450-500
	0416320		–		0,91	0,036	20°	100-150
	–		0417084		0,91	0,036	30°	150-200
	0416169		0416924		0,91	0,036	40°	200-250
	0415995		0416762		0,91	0,036	50°	250-300
	–		0416606		0,91	0,036	60°	300-350
	0415839		–		0,91	0,036	70°	350-400
	0415685		0416452		0,91	0,036	80°	400-450
	0654644		–		0,91	0,036	90°	450-500
	0654616		–		0,94	0,037	80°	400-450
	0416339		–		1,09	0,043	20°	100-150
	–		0417092		1,09	0,043	30°	150-200
	–		0416932		1,09	0,043	40°	200-250
	0416002		0416770		1,09	0,043	50°	250-300
	–		0416614		1,09	0,043	60°	300-350
	0415847		–		1,09	0,043	70°	350-400
	0415693		0416460		1,09	0,043	80°	400-450
	0416347		–		1,35	0,053	20°	100-150
	–		0417106		1,35	0,053	30°	150-200
	0416185		0416940		1,35	0,053	40°	200-250
	0416010		0416789		1,35	0,053	50°	250-300
	–		0416622		1,35	0,053	60°	300-350
	0415855		–		1,35	0,053	70°	350-400
	0415707		0416479		1,35	0,053	80°	400-450
	–		0417114		1,55	0,061	30°	100-200
	0416193		0416959		1,55	0,061	40°	200-250
	0416029		0416797		1,55	0,061	50°	250-300
	–		0416630		1,55	0,061	60°	300-350
	0415715		–		1,55	0,061	80°	400-450
	–		0417122		1,80	0,072	30°	150-200
	0416207		0416967		1,80	0,072	40°	200-250
	0416037		0416800		1,80	0,072	50°	250-300
	–		0416649		1,80	0,072	60°	300-350
	0415723		0416495		1,80	0,072	80°	400-450

WIWA Air Combi ball-type reversible tips						
Areas of application	Order No.		Tip openings*			
			mm	inch	Spray angle	Spray width in mm**
General paint work Solvent based paints	0642876		0,23	0,009	30°	150-175
	0642877		0,23	0,009	40°	200-250
	0642878		0,28	0,011	20°	100-125
	0642879		0,28	0,011	30°	150-175
	0642880		0,28	0,011	40°	200-250
	0642881		0,28	0,011	50°	250-300
	0642882		0,28	0,011	60°	300-350
Water-based paints Primers Solvent based paints	0642883		0,33	0,013	20°	100-125
	0642884		0,33	0,013	30°	150-175
	0642885		0,33	0,013	40°	200-250
	0642886		0,33	0,013	50°	250-300
	0642887		0,33	0,013	60°	300-350
Water-based paints Primers Solvent based paints Rust-inhibiting paints	0646317		0,38	0,015	20°	100-125
	0646318		0,38	0,015	30°	150-175
	0646319		0,38	0,015	40°	200-250
	0642888		0,38	0,015	50°	250-300
	0642889			0,015	60°	300-350
Water-based paints Primers Solvent based paints Rust-inhibiting paints Emulsion paints	0646320		0,43	0,017	50°	250-300
	0646321		0,58	0,023	50°	250-300



The details for spray widths and tip openings are average values and correspond to the usual tolerance for spray tips. When ordering tips, please always state the WIWA order number.  
\* Other tip sizes available on request      \*\* With an approx. 30 cm (11.81") distance from the object

### WIWA Air Combi tips

Areas of application	Order No.		Order No.		Tip openings*			
	for Optima 2000		for Optima 2100		mm	inch	Spray angle	Spray width in mm**
General paint work Solvent based paints	0632678		–		0,18	0,007	20°	100-125
	0632679		0653104		0,18	0,007	30°	150-175
	0633867		0653110		0,18	0,007	40°	200-250
	0632680		–		0,23	0,009	10°	50-75
	0632681		0653100		0,23	0,009	20°	100-125
	0632682		0653105		0,23	0,009	30°	150-175
	0632684		–		0,23	0,009	40°	200-250
	0632683		0653117		0,23	0,009	50°	250-300
	0633868		0653121		0,23	0,009	60°	300-350
	0632685		0653101		0,28	0,011	20°	100-125
	0632686		0653106		0,28	0,011	30°	150-175
	0632532		0653111		0,28	0,011	40°	200-250
	0632687		0653118		0,28	0,011	50°	250-300
	0632476		0653122		0,28	0,011	60°	300-350
Water-based paints Primers Solvent based paints	0632688		0653102		0,33	0,013	20°	100-125
	0632472		–		0,33	0,013	30°	150-175
	0632689		0653112		0,33	0,013	40°	200-250
	0632690		0653119		0,33	0,013	50°	250-300
	0632468		0653123		0,33	0,013	60°	250-300
Water-based paints Primers Solvent based paints Rust-inhibiting paints	0632691		0653103		0,38	0,015	20°	100-125
	0632692		0653107		0,38	0,015	30°	150-175
	0632693		0653113		0,38	0,015	40°	200-250
	0632694		–		0,38	0,015	50°	250-300
	0632492		0653124		0,38	0,015	60°	300-350
	–		0653108		0,43	0,017	30°	150-175
	–		0653114		0,43	0,017	40°	200-250
	–		0653115		0,46	0,018	40°	200-250
	–		0653125		0,46	0,018	60°	300-350
Water-based paints Primers Solvent based paints Rust-inhibiting paints Emulsion paints	0638037		0653116		0,53	0,021	40°	200-250
	0638038		0653126		0,53	0,021	60°	300-350
	–		0653109		0,58	0,023	30°	150-175

### WIWA Airless reversible tips

Areas of application	Order No.		Order No.		Tip openings*			
	345 bar/ 5003 psi		500 bar/ 7251 psi		Tip designation	mm	inch	Spray angle
Clear coat paints, Release agents, oils, stains	0654137		–		209	0,23	0,009	20°
	0654136		–		309	0,23	0,009	30°
	0649213		0649273		409	0,23	0,009	40°
Fine quality paint Transparent paints Release agents Solvent based stains	0649198		0649261		211	0,28	0,011	20°
	0649208		0649267		311	0,28	0,011	30°
	0649214		0649274		411	0,28	0,011	40°
	0649226		0649288		511	0,28	0,011	50°
	0649238		0649302		611	0,28	0,011	60°
All types of paint Fillers Water-based paints Thick film varnishes	0649199		0649262		213	0,33	0,013	20°
	0649209		0649268		313	0,33	0,013	30°
	0649215		0649275		413	0,33	0,013	40°
	0649227		0649289		513	0,33	0,013	50°
	0649239		0649303		63	0,33	0,013	60°
All types of paint Primers Zinc chromate primers Fillers Water-based paints Thick film varnishes Rust-inhibiting paints	0654491		–		115	0,38	0,015	10°
	0649200		0649263		215	0,38	0,015	20°
	0649192		0649269		315	0,38	0,015	30°
	0649216		0649276		415	0,38	0,015	40°
	0649228		0649290		515	0,38	0,015	50°
All types of paint Primers Fillers Rust-inhibiting paints Zinc primers Zinc dust paints	0649240		0649304		615	0,38	0,015	60°
	0652607		–		117	0,43	0,017	10°
	0649201		0649264		217	0,43	0,017	20°
	0649210		0649270		317	0,43	0,017	30°
	0649194		0649277		417	0,43	0,017	40°
	0649229		0649291		517	0,43	0,017	50°
	0649241		0649305		617	0,43	0,017	60°
Primers with a high solids content Fillers Sprayable putty Rust-inhibiting paints Zinc primers Zinc dust paints Epoxy coatings Undercoating	0654291		–		1217	0,43	0,017	120°
	0649202		0649265		219	0,48	0,019	20°
	0649211		0649271		319	0,48	0,019	30°
	0649217		0649278		419	0,48	0,019	40°
	0649230		0649292		519	0,48	0,019	50°
	0649197		0649306		619	0,48	0,019	60°
	0654292		–		1219	0,48	0,019	120°



WIWA Airless reversible tips

WIWA Airless reversible tips								
Areas of application	Order No.		Order No.		Tip openings*			
	345 bar/ 5003 psi		500 bar/ 7251 psi		Tip designation	mm	inch	Spray angle
Zinc silicates, sprayable putty antifouling paints, epoxy coatings, latex paints, fillers, emulsion paints, rubber paints, micaceous iron oxide paint, zinc dust paints, undercoa- ting and other rust-inhibiting materials	0653334		–		121	0,53	0,021	10°
	0654293		–		1221	0,53	0,021	120°
Epoxy coatings, antifouling paints, emulsion paints, rubber paints, micaceous iron oxide paints, undercoa- ting and other rust-inhibiting materials	–		0653792		323	0,58	0,023	30°
	0654294		–		1223	0,58	0,023	120°
	0653284		–		225	0,63	0,025	20°
	–		0653816		325	0,63	0,025	30°
	0653285		–		227	0,68	0,027	20°
	–		0652333		327	0,68	0,027	30°
Glasflake materials, fillers, coating materials, foundry wash, thick film materials, bitumen, antifouling paints, noise suppressive coatings and other coarsely pigmen- ted coating materials	0653325		0653898		329	0,74	0,029	30°
	–		0653256		429	0,74	0,029	40°
	0650001		–		529	0,74	0,029	50°
	–		0652332		629	0,74	0,029	60°
	0652755		–		231	0,78	0,031	20°
	0653326		0653457		331	0,78	0,031	30°
Glasflake materials, fillers, coating materials, foundry wash, thick film materials, bitumen, antifouling paints, noise suppressive coatings and other coarsely pigmen- ted coating materials	0652756		0654648		235	0,89	0,035	20°
	0652191		0652334		335	0,89	0,035	30°
	0652192		–		339	0,99	0,039	30°
	0652757		0654649		241	1,04	0,041	20°
	0652193		0654650		341	1,04	0,041	30°
	0652190		–		343	1,09	0,043	30°
	0649874		–		445	1,14	0,045	40°
	0650377		0653271		247	1,19	0,047	20°
	0650378		–		347	1,19	0,047	30°
	0649875		–		447	1,19	0,047	40°
	0649876		–		449	1,24	0,049	40°
	0653547		–		453	1,35	0,053	40°
	0653272		–		455	1,4	0,055	40°

WIWA Airless reversible tips

WIWA Airless reversible tips								
Areas of application	Order No.		Order No.		Tip openings*			
	345 bar/ 5003 psi		500 bar/ 7251 psi		Tip designation	mm	inch	
Paints Synthetic resins Oils PVC paint Stains	0649213		0649273		409	0,23	0,007	40°
	0649198		0649261		211	0,28	0,011	20°
	0649208		0649267		311	0,28	0,011	30°
	0649214		0649274		411	0,28	0,011	40°
	0649226		0649288		511	0,28	0,011	50°
	0649238		0649302		611	0,28	0,011	60°
	0649199		0649262		213	0,33	0,013	20°
	0649209		0649268		313	0,33	0,013	30°
	0649215		0649275		413	0,33	0,013	40°
	0649227		0649289		513	0,33	0,013	50°
	0649239		0649303		613	0,33	0,013	60°
Fillers Rust-inhibiting paints Acrylic paints Emulsion paints	0649200		0649263		215	0,38	0,015	20°
	0649192		0649269		315	0,38	0,015	30°
	0649216		0649276		415	0,38	0,015	40°
	0649228		0649290		515	0,38	0,015	50°
	0649240		0649304		615	0,38	0,015	60°
	0649201		0649264		217	0,43	0,017	20°
	0649210		0649270		317	0,43	0,017	30°
	0649194		0649277		417	0,43	0,017	40°
	0649229		0649291		517	0,43	0,017	50°
	0649241		0649305		617	0,43	0,017	60°
	0649202		0649265		219	0,48	0,019	20°
	0649211		0649271		319	0,48	0,019	30°
	0649217		0649278		419	0,48	0,019	40°
	0649230		0649292		519	0,48	0,019	50°
	0649197		0649306		619	0,48	0,019	60°



### WIWA Airless reversible tips

Areas of application	Order No.		Order No.		Tip openings*			
	345 bar/ 5003 psi		500 bar/ 7251 psi		Tip designation	mm	inch	Spray angle
Primers with a high solids content, fillers, sprayable putty, rust-inhibiting paints, zinc primers, zinc dust paints, epoxy coatings, undercoating	0649203		0649266		221	0,53	0,021	20°
	0649212		0649272		321	0,53	0,021	30°
	0649218		0649279		421	0,53	0,021	40°
	0649195		0649293		521	0,53	0,021	50°
	0649206		0649307		621	0,53	0,021	60°
	0649250		0649316		821	0,53	0,021	80°
Zinc silicates, sprayable putty, antifouling paints, epoxy coatings, latex paints, fillers, emulsion paints, rubber paints, micaceous iron oxide paint, zinc dust paints, undercoating and other rust-inhibiting materials	0649193		0649280		423	0,58	0,023	40°
	0649231		0649294		523	0,58	0,023	50°
	0649242		0649308		623	0,58	0,023	60°
	0649251		0649317		823	0,58	0,023	80°
Epoxy coatings, antifouling paints, emulsion paints, rubber paints, micaceous iron oxide paints, undercoating and other rust-inhibiting materials	0649219		0649291		425	0,63	0,025	40°
	0649232		0649295		525	0,63	0,025	50°
	0649243		0649309		625	0,63	0,025	60°
	0649252		0649318		825	0,63	0,025	80°
	0649220		0649282		427	0,68	0,027	40°
	0649196		0649296		527	0,68	0,027	50°
	0649244		0649310		627	0,68	0,027	60°
	0649253		0649319		827	0,68	0,027	80°
Glasflake materials, fillers, coating materials, finishing materials, thick film materials, bitumen, antifouling paint, noise suppressive coatings and other coarsely pigmented coating materials	0649221		0649283		431	0,78	0,031	40°
	0649233		0649297		531	0,78	0,031	50°
	0649245		0649311		631	0,78	0,031	60°
	0649254		0649320		831	0,78	0,031	80°
Glasflake materials, fillers, foundry wash, thick film materials, bituminous coal tar pitch and other coarsely pigmented coating materials	0649222		0649284		435	0,89	0,035	40°
	0649234		0649298		535	0,89	0,035	50°
	0649246		0649312		635	0,89	0,035	60°
	0649255		0649321		835	0,89	0,035	80°
	0649223		0649285		439	0,99	0,039	40°
	0649235		0649299		539	0,99	0,039	50°
	0649247		0649313		639	0,99	0,039	60°
	0649256		0649322		839	0,99	0,039	80°

### WIWA Airless reversible tips

Areas of application	Order No.		Order No.		Tip openings*			
	345 bar/ 5003 psi		500 bar/ 7251 psi		Tip designation	mm	inch	Spray angle
Fillers, bitumen, fibrous coatings and other thick film materials with a high solids content	0649224		0649286		441	1,04	0,041	40°
	0649236		0649300		541	1,04	0,041	50°
	0649248		0649314		641	1,04	0,041	60°
	0649257		0649323		841	1,04	0,041	80°
	0649225		0649287		443	1,09	0,043	40°
	0649237		0649301		543	1,09	0,043	50°
	0649249		0649315		643	1,09	0,043	60°
	0649258		0649324		843	1,09	0,043	80°

### WIWA spraying accessories kit for Airless units

Order No.		No.	max. Pressure	NW 4	Hoses 1/4" NW 6	NW 10	with standard tip	with reversible tip
with spray gun 250 D								
0621625		01	410 bar/5946 psi	–	7,5 m	–	40° - 0,33 mm	–
0642474		13	410 bar/5946 psi	–	7,5 m	–	40° - 0,28 mm	–
with spray gun 500 D								
0621633		02	410 bar/5946 psi	–	7,5 m	–	–	60° – 0,027"
0621641		03	500 bar	–	7,5 m	–	–	60° – 0,027"
0642475		14	410 bar/5946 psi	–	7,5 m	–	–	60° – 0,021"
0642476		15	500 bar/ 7251 psi	–	7,5 m	–	–	60° – 0,021"
0653954		19	500 bar/ 7251 psi	–	7,5 m	–	–	60° - 0,021"
0653953		18	410 bar/5946 psi	–	7,5 m	–	–	60° - 0,021"
0621668		04	410 bar/5946 psi	–	15 m	–	–	60° – 0,027"
0621676		05	500 bar/ 7251 psi	–	15 m	–	–	60° – 0,027"
with spray gun 500 F								
0621684		06	410 bar/5946 psi	–	15 m	–	–	60° – 0,021"
0621935		07	410 bar/5946 psi	1 m	7,5 m	–	40° - 0,53 mm	–
<sup>1)</sup> 0629957		10 RS	410 bar/5946 psi	–	7,5 m	–	70° - 0,33 mm	–
<sup>1)</sup> 0630414		11 RS	410 bar/5946 psi	1 m	7,5 m	–	40° - 0,53 mm	–
0640932		12	500 bar/ 7251 psi	–	7,5 m	15 m	–	60° – 0,027"
0642477		16	410 bar/5946 psi	1 m	7,5 m	–	60° - 0,53 mm	–
<sup>1)</sup> 0642478		17 RS	410 bar/5946 psi	1 m	7,5 m	–	70° - 0,38 mm	–



The details for spray widths and tip openings are average values and correspond to the usual tolerance for spray tips. When ordering tips, please always state the WIWA order number.  
\* Other tip sizes available on request



<sup>1)</sup> For all RS type Airless units  
D = with swivel F = with front connection





CHAPTER

02

INJECTION / BUILDING PROTECTION

1K

WIWA INJECT HD 1	Page 92
WIWA INJECT HD 2	Page 92
WIWA INJECT HD 3	Page 92
WIWA INJECT HD 4	Page 96
WIWA INJECT HD 5	Page 96

2K

WIWA INJECT 2K 14025/25015 Classic	Page 100
WIWA INJECT 2K 14015 GX	Page 102
WIWA INJECT 2K 14025 GX	Page 106
WIWA INJECT 2K 230	Page 110
WIWA INJECT 2K 333 GX	Page 114
WIWA INJECT GUARD	Page 118
Heated systems for your injection tasks	Page 120

INJECTION GUNS

WIWA INJECT Guns	Page 122
------------------	----------

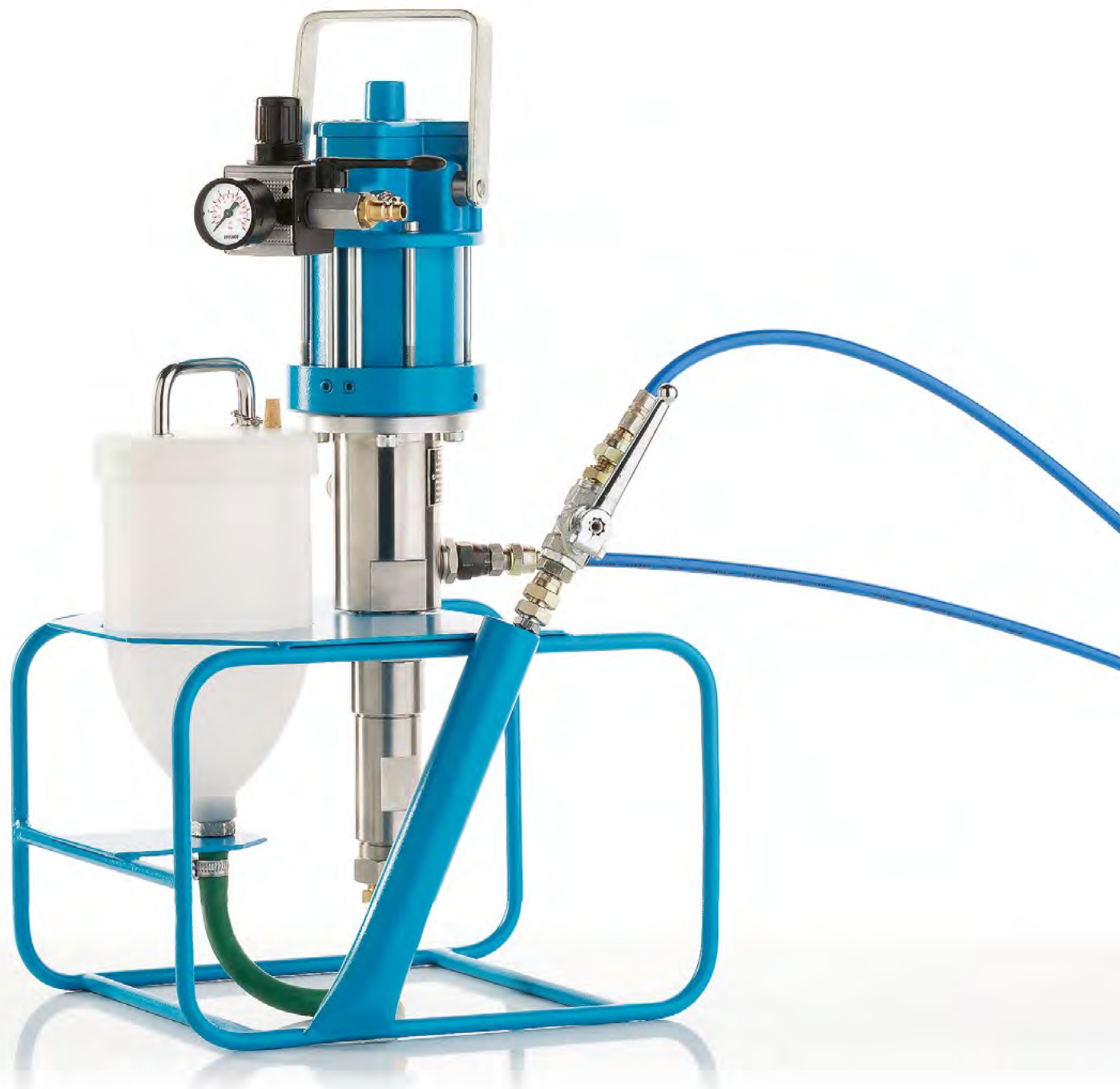
PACKER

WIWA INJECT Packers	Page 124
---------------------	----------



## WIWA INJECT HD-Serie

Compact and powerful.



ATEX version:  
Can be used in explosion-proof areas.

### THE WIWA INJECT HD SERIES

- Compact, portable and powerful injection equipment with pneumatic drive
- Easy to operate and transport
- The injection pressure is infinitely adjustable
- Very good suction performance

The advantage of air-operated piston pumps compared to electric membrane pumps is that the pump stops when the injection site is filled. The slower stroke speed allows the operator to see how far the injection process has progressed.

### AREAS OF APPLICATION

Crack injection, subsequent horizontal barrier, grouting of injection hoses, filling of smaller cavities, sewer rehabilitation

### MATERIALS

PUR injection foam resins, PUR Combination Injection Foam Resins, PUR Combination Injection Resins, PUR injection resins, EP injection resins, also suitable for processing 2K injection materials with longer pot life.



INJECT HD 1



INJECT HD 2



INJECT HD 3



INJECT HD 1-3 SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)  
N = Normal steel galvanized, not stainless

Available pump mounts  
Frame with funnel (G)

Common components in basic equipment

- High pressure pump
- Compressed air regulator
- Safety valve
- Feed hopper, approx. 1.5 liters (HD 1) or feed tank, approx. 6 liters (HD 2)
- High-pressure material hose (7.5 m)
- Injection lance with 4-jaw-injection coupling
- Bottle of release agent
- Operating manual with spare parts list

Technical Data INJECT HD 1 / HD 2 / HD 3						
Model	Output per cycle	Pressure ratio	Max. air inlet pressure	Max. operating pressure	Weight approx.	Material-hopper
Inject HD 1	14 ccm	33:1	8 bar/116 psi	264 bar/3829 psi	12 kg	1,5 l
Inject HD 2	14 ccm	33:1	8 bar/116 psi	264 bar/3829 psi	16,3 kg	6 l
Inject HD 3	27 ccm	33:1	8 bar/116 psi	264 bar/3829 psi	13 kg	1,5 l

Order Numbers INJECT HD 1 / HD 2 / HD 3		
Model	Order No.	
Inject HD 1	0644426	
Inject HD 2	0644517	
Inject HD 3	0669680	

Sealing and repair kits INJECT HD 1 / HD 2 / HD 3				
Model	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
HD 1	0641232	0644382	0644387	0644383
HD 2	0641232	0644382	0644387	0644383
HD 3	0648188	0656787	0648189	0656786

Accessories – INJECT HD 1 / HD 2 / HD 3			
Name	Order No.		Description
Suction line	0643949		Suction hose -N- NW 9
Mounting kit funnel black 1,5 l	0645575		Funnel 1,5 Liter complete
Mounting kit funnel black 6 l	0631064		Funnel 6 Liter complete
Mounting kit funnel transparent 6 l	0668846		Funnel 6 Liter complete with lid and sieve
Hose NW4 1/4“ 7,5 m	0410845		Material hose NW 4/460-1/4“-7,5 N
Compressed air regulator	0644180		Compressed air regulator G 1/4“ complete
Injection lance complete	0641948		Injection lance complete
Stroke counter	0671687		Stroke counter complete with holder
Gun	0668657		Injektionspistole complete WIWA 500D with adapter 1/4“ NPSM (A)
Whip 0,3 m	0631406		Material hose NW 6/410-1/4“-0,30 N
Mounting kit straight lance	0669411		Mounting kit for injection gun pipe straight 600 mm
Mounting kit bent lance	0669410		Mounting kit for injection gun pipe bent 170 mm
Anschlussnippel	0218820		Double nipple NPS 1/4“-M 10x1
Mounting kit bent lance	0669301		Sliding coupling angular 90°, for nipple M1 Aluminium
Sliding coupling straight	0641199		Sliding coupling gerade, for nipple M1 Aluminium
Hydraulic mouthpiece	0411302		Hydraulic mouthpiece M10x1 IG 4 jaws chrome-plated (Replacement seal 0660477)
Quick release pliers	0668559		Quick release pliers R1/4 (A), 4 mm



N = Normal steel galvanized, not stainless    RS = Stainless steel, rust and acid resistant

## WIWA INJECT HD-Serie

Compact and powerful.



INJECT HD 4



ATEX version:  
Can be used in explosion-proof areas.

## DIE WIWA INJECT HD-SERIES

The **WIWA INJECT HD 4** and **HD 5** are characterized by large valves. The spring-loaded packings make them particularly low-wear. The models are available in direct suction, suction line, funnel and with connection to a large container. By adapting an high pressure filter and nozzle, they can also be used as an airless unit.

- All parts carrying the material are made of stainless steel
- Larger injection piston pumps available on request
- Also suitable for viscous materials
- Fast start-up of the pump with very low air input
- Simple handling, easy operation and simple maintenance of the plant
- Very good suction performance

## AREAS OF APPLICATION

Crack injection, subsequent horizontal barrier, grouting of injection hoses, filling of smaller cavities, sewer rehabilitation

## MATERIALS

PUR injection foam resins, PUR Combination Injection Foam Resins, PUR Combination Injection Resins, PUR injection resins, EP injection resins, also suitable for processing 2K injection materials with longer pot life.



INJECT HD 5



INJECT HD 5 ASL



INJECT HD 4 AND 5 SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)  
RS = Stainless steel rust and acid resistant

Available pump mounts  
Tripod (D)  
Chassis (F)

Common components in basic equipment

- High pressure pump
- Compressed air regulator
- DAS = Direct suction (INJECT HD 4) or feed tank, approx. 6 Liter (INJECT HD 5), ASL = Suction line (INJECT HD 5)
- High pressure material hose (7,5 m)
- Injection lance with hydraulic mouthpiece
- Bottle of release agent
- Operating manual with spare parts list

Technical Data INJECT HD 4 / HD 5						
Model	Output per cycle	Pressure ratio	Max. air inlet pressure	Max. operating pressure	Weight approx.	Material feed
Inject HD 4 DAS	43 ccm	30:1	8 bar/116 psi	240 bar/3480 psi	23 kg	Direct-suction
Inject HD 5 Funnel	72 ccm	32:1	8 bar/116 psi	256 bar/3712 psi	33 kg	Funnel 6 l
Inject HD 5 ASL	72 ccm	32:1	8 bar/116 psi	256 bar/3712 psi	33 kg	Suction line

Order Numbers INJECT HD 4 / HD 5		
Model	Order No.	
Inject HD 4 DAS	0669679	
Inject HD 5 Funnel	0669225	
Inject HD 5 ASL	0669224	

Sealing and repair kits INJECT HD 4 / HD 5				
Model	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
HD 4	0666800	0667548	0666799	0665912
HD 5	0666798	0667549	0666797	0665913

Accessories – INJECT HD 4 / HD 5			
Name	Order No.		Description
Suction line	0667173		Suction line 25 ltr NW20 / G 3/4" -RS-
Attachment kit funnel black	0666699		Funnel 6 l complete for PHOENIX GX, with cover and suction tube
Attachment kit funnel transparent	0668846		Funnel 6 l complete with lid and sieve, plastic white, non-conductive
Hoses NW6 1/4" 7,5 m	0410780		Material hose NW 6/410-1/4"-7,5 N
Compressed air regulator	0663775		Compressed air regulator G 1/4" complete
Injection lance complete	0641948		Injection lance complete
Ball valve	0646988		Ball valve G 1/4" l/l
Stroke counter	0671687		Stroke counter complete with holder
Injection gun	0668657		Injection gun complete WIWA 500D with adapter 1/4" NPSM (A)
Whip 0,3 m	0631406		Material hose NW 6/410-1/4"-0,30 N
Mounting kit straight lance	0669411		Mounting kit for injection gun pipe straight 600 mm
Mounting kit bent lance	0669410		Mounting kit for injection gun pipe bent 170 mm
Connection nipple	0218820		Double nipple NPS 1/4"-M 10x1
Sliding coupling 90°	0669301		Sliding coupling angular 90°, for nipple M1 Aluminium
Sliding coupling straight	0641199		Sliding coupling straight, for nipple M1 Aluminium
Hydraulic mouthpiece	0411302		Hydraulic mouthpiece M10x1 IG 4 jaws chrome-plated (Replacement seal 0660477)
Quick release pliers	0668559		Quick release pliers R1/4 (A), 4 mm
High pressure filter	0663760		High pressure filter typ 11 GX -RS-
Airless gun WIWA 250 D with swivel joint	0646997		Airless gub WIWA 250D 7/8" Insert

i

RS = Stainless steel rust and acid resistant

DAS = Direct suction    ASL = Suction line



## WIWA INJECT 2K 14025/25015 CLASSIC

Safety for your profit.



Mixing unit with static mixer and separate flushing unit for components A + B

### THE WIWA INJECT 2K 14025/25015 CLASSIC

- Air driven plural component injection unit for processing sealant gels and resins
- Fixed mixing ratio 1 : 1
- Non-stop, even flow of material
- High dosing accuracy
- Easy to operate
- Separate flush pump
- Extremely compact, cart-mounted
- Precise mixing results

### AREAS OF APPLICATION

Building pit waterproofing, subsoil injection/soil consolidation, cavity filling, subsequent horizontal barrier, sewer rehabilitation, curtain injection, area injection

### MATERIALS

2K injection resins, Acylate gel, Injection foams

### OVERVIEW

Available versions (material of the parts in contact with the material)

RS = Stainless steel rust and acid resistant

Available pump mounts

Chassis (F)

Common components in basic equipment

High pressure pump, air supply complete, safety valve, material outlet complete, flush pump PROFIT, suction line, 3 x 7,5 m Hose, mixing unit, hose whip, sliding coupling, bottle of release agent, operating manual with spare parts list

### INJECT 2K 14025 / INJECT 2K 25015

Order No.		Model	Pressure ratio	Output per cycle	Max. air inlet pressure	Max. operating pressure
0668090		2K INJECT 14025	25:1	80 ccm	8 bar/116 psi	200 bar/2900 psi
0668159		2K INJECT 25015	15:1	144 ccm	8 bar/116psi	120 bar/1740 psi

### Sealing and repair kits INJECT 2K 14025 / INJECT 2K 25015

Model	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
2K INJECT 14025	0641747	0641931	0641748	0641932
2K INJECT 25015	0641747	0647997	0641748	0647998



ATEX version: Can be used in explosion-proof areas.  
\*ATTENTION: 3 hoses are required for the initial equipment.



## WIWA INJECT 2K 14015 GX

Our compacts.



ATEX version:  
Can be used in explosion-proof areas.

### THE WIWA INJECT 2K 14015 GX

The small and compact **WIWA INJECT 2K 14015 GX** offers more flow rate due to the short design of the material pump. This makes it a strong alternative for 1:1 reaction resins and foams. The force-controlled system makes it process-safe even under hard conditions. As standard, it is equipped without a flush pump and the mixing unit is flushed via the A-component.

- Handy and compact
- Quick commissioning
- High mixing accuracy due to force-controlled material conveying
- Large material inlets and check valves for viscous materials
- Easy maintenance
- Easy and fast cleaning

### AREAS OF APPLICATION

Building pit waterproofing, subsoil injection/soil consolidation, cavity filling, subsequent horizontal barrier, sewer rehabilitation, surface and curtain injection, 2K crack injection

### MATERIALS

2K injection resins, Polyurethane resins, Silicate resins, PUR injection foam resins, PUR combination injection resins, PUR injection resins, PUR cast foam resins, Injection foams



Chassis, height adjustable



Chassis, height adjustable



WIWA INJECT 2K 14015 GX SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)  
N = Normal steel galvanized, not stainless

Available pump mounts  
Chassis (F)  
Frame with funnel (G)

Common components in basic equipment  
2K high pressure dosing pump, Maintenance unit, Suction system, 2 x Pressure gauge at material outlet, 2 x Material hoses 7,5 m 1/4“, Relief for A and B component, 2K mixing unit with flush function via component A consisting of: 2 x ball valve, 2 x Large diameter check valves, Mixing tube with 6 x grid mixer, Whip 0,3 m, Sliding coupling and hydraulic mouthpiece, Bottle of release agent, Operating manual with spare parts list

Technical Data INJECT 2K 14015 GX

Output per cycle	Pressure ratio	Max. air inlet pressure	Max. operating pressure	Weight approx.	Mixing ratio
144 ccm	15:1	8 bar/116 psi	120 bar/1740 psi	26 kg	1:1

Order Numbers INJECT 2K 14015 GX

Model	Version	Order No.	
INJECT 14015 GX	N, G	0669323	
INJECT 14015 GX	N, F	0670489	

Sealing and repair kits INJECT 2K 14015 GX

Model	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump	Air motor	Materialpump
INJECT 14015 GX	0670484	0669939	0670485	0669940

Accessories – INJECT 2K 14015 GX

Name	Order No.		Description
Suction line	0669523		Suction line NW13 for double pump injection system - blue
Suction line	0671169		Suction line NW13 for double pump injection system - red
Mounting kit funnel	0670546		Mounting kit feed tank for Inject
Compressed air regulator	0663775		Compressed air regulator G 1/4“ complete
Mounting kit oiler / antifreeze	0669329		Mounting kit oiler for injection system
Mounting kit condensate-water separator	0668329		Mounting kit filter for injection system mini
Stroke counter	0670950		Stroke counter complete with holder
Pressure gauge	0655128		Pressure gauge V2A / neutral glycerine filling
Hose package	0669539		Hose package unheated 7,5 m RS 1x 1/4“ NPSM blue / 1x 1/4“ NPSM red
Hose 7,5 m 1/4“ NPSM blue A-component	0613819		Material hose NW6 1/4“ NPSM 7,5 m, 410 bar, RS, blue
Hose 7,5 m 1/4“ NPSM red B-component	0670246		Material hose NW6 1/4“ NPSM 7,5 m, 410 bar, RS, red
Mixing unit 2K N	0669555		Mixing unit G1/4“ - DN6 - with static mixer
Ball valve for mixing unit 2K N	0646988		Ball valve G 1/4“ I/I
Extension mixing section	0671626		Extension complete d=9.4 Static mixer for standard mixing unit
Mixing element	0645308		Mixing element plastic
Whip 0,3 m	0669787		Material hose NW 6/410-1/4“ - 0,30 RS
Connection nipple	0218820		Double nipple NPS 1/4“-M 10x1
Sliding coupling 90°	0669301		Sliding coupling angular 90°, for nipple M1 Aluminium
Sliding coupling straight	0641199		Sliding coupling M10 x 1 straight version
Hydraulic mouthpiece	0411302		Hydraulic mouthpiece M10x1 IG 4 jaws chrome-plated (Replacement seal 0660477)
Gun	0668657		Injection gun complete WIWA Gun 250 D
Quick release pliers	0668559		Quick release pliers R1/4 (A), 4 mm

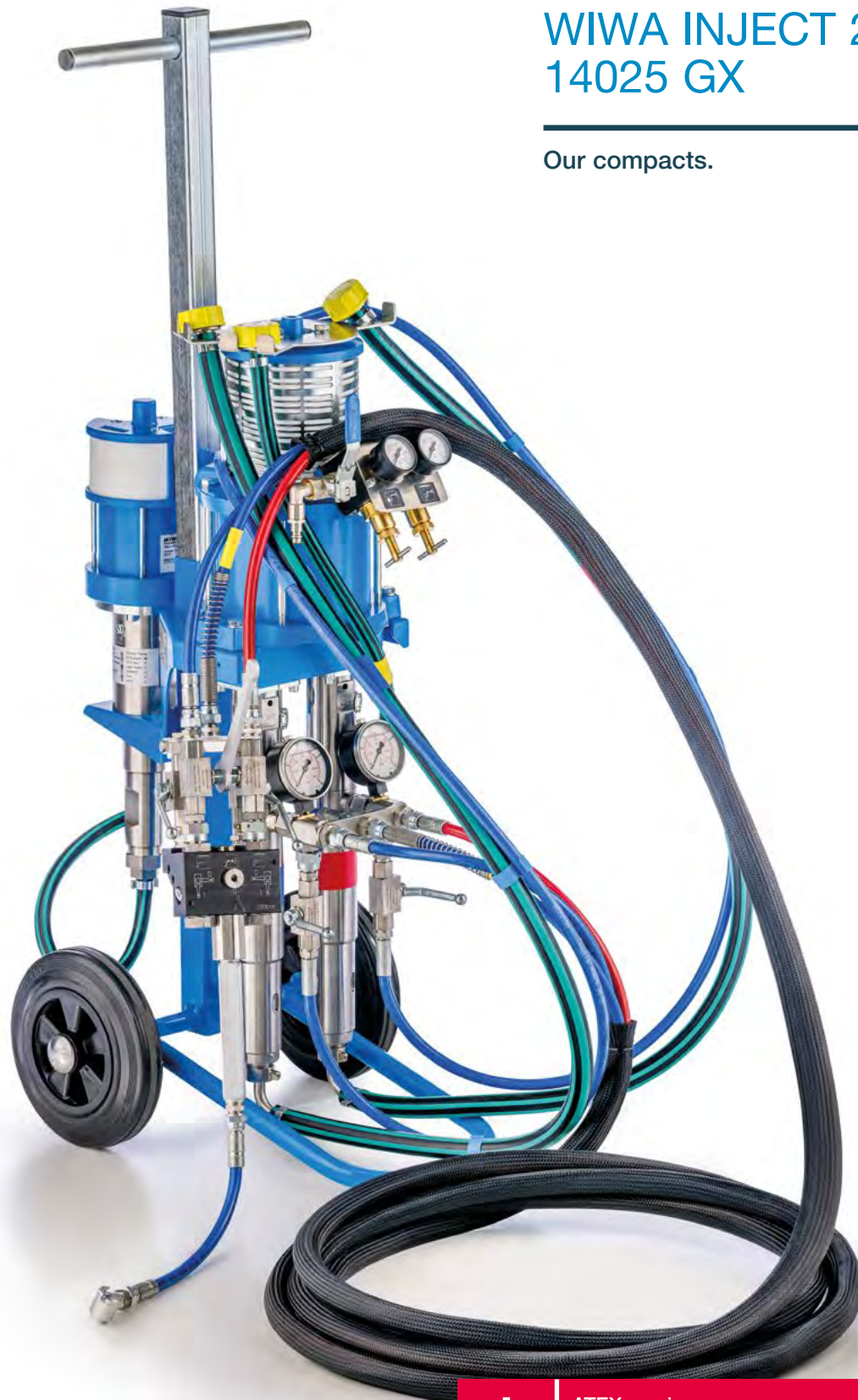


N = Normal steel galvanized, not stainless  
ATEX heater mounting kit on request.



## WIWA INJECT 2K 14025 GX

Our compacts.



ATEX version:  
Can be used in explosion-proof areas.

### DIE WIWA INJECT 2K 14025 GX

The WIWA Inject 2K 14025 GX is a pneumatic 2K piston pump in mixing ratio 1:1. The material pumps are connected to the air motor, so that no mixing errors occur due to the positive control. The unit is equipped with a flush pump for quick cleaning of the A and B components for the mixing unit. Due to its compact design, it is particularly suitable for sealing basements and for use in inaccessible places. All material-carrying parts are made of stainless steel.

- Quick commissioning
- High mixing accuracy due to force-controlled material conveying
- Large material inlets and check valves for viscous materials
- Easy maintenance
- Easy and quick cleaning
- Particularly low wear due to fixed, pre-stressed packings

### AREAS OF APPLICATION

Building pit waterproofing, subsoil injection/soil consolidation, cavity filling, subsequent horizontal barrier, sewer rehabilitation, surface and curtain injection, 2K crack injection

### MATERIALS

2K injection resins, Polyurethane resins, Silicate resins, PUR injection foam resins, PUR combination injection resins, PUR injection resins, PUR cast foam resins, Injection foams



Holder for suction lines



Pressure gauge



Chassis, height adjustable

WIWA INJECT 2K 14025 GX SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)  
RS = Stainless steel, rust and acid resistant

Available pump mounts  
Chassis (F)

Common components in basic equipment  
2K high pressure dosing pump, Maintenance unit, Suction system, 2 x Pressure gauge at material outlet, 3 x Material hoses 7,5 m 1/4“, Flush pump PROFIT, Relief for A and B component, 2K mixing unit with separate, flush function for component A and B, Bottle of release agent, Operating manual with spare parts list

Technical Data INJECT 2K 14025 GX

Output per cycle	Pressure ratio	Max. air inlet pressure	Max. operating pressure	Weight approx.	Mixing ratio
80 ccm	25:1	8 bar/116 psi	200 bar/2900 psi	45 kg	1:1

Order Numbers INJECT 2K 14025 GX

Model	Order No.	
INJECT 14025 GX	0669067	

Sealing and repair kits INJECT 2K 14015 GX

Model	Order number for sealing kit		Order number for repair kit	
	Air motor	Materialpump A+B	Air motor	Materialpump A+B
INJECT 14025 GX	0670484	0670486	0670485	0670487

Accessories – INJECT 2K 14025 GX

Name	Order No.		Description
Suction line	0669523		Suction line NW13 for double pump injection system - blue
Suction line	0671169		Suction line NW13 for double pump injection system - red
Suction line flush pump	0669524		Suction line NW10 for flushing pump gel system
Mounting kit funnel	0666699		Funnel 6 l complete für PHOENIX GX, with cover and suction tube
Flush pump (only High pressure pump)	0669066		High pressure pump 14.33 RS PROFIT above: acc. PUR / UHMW-PE below: acc. PUR / UHMW-PE
Pressure gauge	0631359		Pressure gauge, lacquered brass, glycerine filling
Double air pressure regulator	0669529		Double air pressure regulator complete G 1/4“ 10 bar for gel system
Mounting kit condensate-water separator	0669329		Mounting kit filter for injection system mini
Stroke counter	0670950		Stroke counter complete with holder
Hose package	0669720		Hose package unheated 7,5 m RS 1x 1/4“ NPSM blue / 1x 1/4“ NPSM red 1x 1/4“ NPSM NW4 blue
Hose 7,5 m 1/4“ NPSM blue A-component	0613819		Material hose NW6 1/4“ NPSM 7,5 m, 410 bar, RS, blue
Hose 7,5 m 1/4“ NPSM red B-component	0670246		Material hose NW6 1/4“ NPSM 7,5 m, 410 bar, RS, red
Hose 7,5 m 1/4“ flush pump	0638610		Material hose NW 4/300-1/4“ 7,5 m RS
Mixing unit	0669666		Mixing unit complete with separate flushing device for component A and B for gel system
Extension mixing section	0671626		Extension complete d=9.4 Static mixer for standard mixing unit
Whip 0,3 m	0669787		Material hose NW 6/410-1/4“ - 0,30 RS
Gun	0668657		Injection gun complete WIWA 500D with adapter 1/4“ NPSM (A)
Connection nipple	0218820		Double nipple NPS 1/4“-M 10x1
Sliding coupling 90°	0669301		Sliding coupling angular 90°, for nipple M1 Aluminium
Sliding coupling straight	0641199		Sliding coupling M10 x 1, straight version
Hydraulic mouthpiece	0411302		Hydraulic mouthpiece M10x1 IG 4 jaws chrome-plated (replacement seal 0660477)
Quick release pliers	0668559		Quick release pliers R1/4 (A), 4 mm



RS = Stainless steel rust and acid resistant  
ATEX heater mounting kit on request.



## WIWA INJECT 2K 230

Robust, powerful, safe – ideal for large construction sites.



Version frame standing

### DIE WIWA INJECT 2K 230

The **WIWA INJECT 2K 230** is our versatile 2K injection system with delivery rates of up to 40 l/minute and a maximum operating pressure of 240 bar. Due to the positive control and always the same switching points, you get the perfect dosage. In addition to the standard mixing ratio of 1:1, over 100 other mixing ratios are possible by exchanging the material pumps. Suitable for aqueous as well as viscous materials.

- Fast commissioning, easy maintenance, easy and quick cleaning
- Long hose lengths can be adapted
- Large flow rate
- Large material inlets and check valves for viscous materials
- Low wear due to fixed packings
- Large selection of different suction systems configurable

### AREAS OF APPLICATION

Building pit waterproofing, Subsoil injection/soil consolidation, Cavity filling, Subsequent horizontal barrier, Sewer rehabilitation, Ideal for use in tunnels and underground for void filling and anchor bonding.

### MATERIALS

**N-Version:** 2K injection resins, Polyurethane resins, Silicate resins, PUR injection foam resins, PUR combination injection resins, PUR injection resins, PUR casting foam resins, Injection foams  
**RS-Version:** Acrylic gels, 2K injection materials, Injection foams



Version frame lying



Version Chassis



**ATEX version:**  
Can be used in explosion-proof areas.

### WIWA INJECT 2K 230 SERIES – OVERVIEW

#### Available versions (material of the parts in contact with the material)

N = Normal steel galvanized, not stainless  
RS = Stainless steel, rust and acid resistant

#### Available pump mounts

Chassis (F)  
Frame (G) standing or lying

#### Common components in basic equipment

2K high pressure dosing pump, maintenance unit, 2 x pressure gauge at material outlet,  
Relief for A and B component, bottle of release agent, operating manual with spare parts list.  
Basic equipment RS G rack upright and F cart including flushing pump.

#### Complete equipment INJECT 230030 N, F order number 0669992:

Basic equipment N with suction line up to 200 l, hose package component A and B, mixing unit with flushing via the A component.

#### Complete unit INJECT 230030 RS, F Order number 0669993:

Basic equipment RS with flushing pump, suction line, hose package A and B + flushing, mixing unit with separate flushing device of the A and B components.

### Technical Data INJECT 2K 230

Model	Version	Output per cycle	Pressure ratio	Max. air inlet pressure	Max. operating pressure	Mixing ratio
INJECT 230030	N, GS	194 ccm	30:1	8 bar/116 psi	240 bar/3480 psi	1:1
INJECT 230030	N, F	194 ccm	30:1	8 bar/116 psi	240 bar/3480 psi	1:1
INJECT 230032	N, GS	180 ccm	32:1	8 bar/116 psi	256 bar/3712 psi	4:1
INJECT 230030	RS, F	194 ccm	30:1	8 bar/116 psi	240 bar/3480 psi	1:1
INJECT 230030	RS, GS	194 ccm	30:1	8 bar/116 psi	240 bar/3480 psi	1:1
INJECT 230040	RS, GL	144 ccm	40:1	8 bar/116 psi	240 bar/3480 psi	1:1

### Order numbers INJECT 2K 230

Model	Version	Bestellnummer	Order No. (complete unit with ASL, hose package, mixing unit)
INJECT 230030	N, GS	0669709	On request
INJECT 230030	N, F	0669708	0669992
INJECT 230032	N, GS	0669710	On request
INJECT 230030	RS, F	0669711	0669993
INJECT 230030	RS, GS	0669712	On request
INJECT 230040	RS, GL	0669713	On request



N = Normal steel galvanized, not stainless  
F = Chassis GS = Frame standing

RS = Stainless steel, rust and acid resistant  
GL = Frame lying

### Sealing and repair kits INJECT 2K 230

Model	Order number for sealing kit			Order number for repair kit		
	Air motor	Material-pump A	Material-pump B	Air motor	Material-pump A	Material-pump B
INJECT 2300 30 N, GS	0654538	0643652	0643652	0654539	0643653	0653921
INJECT 230030 N, F	0654538	0643652	0643652	0654539	0643653	0653921
INJECT 230032 N, GS	0654538	0643713	0643281	0654539	0644827	0670493
INJECT 230030 RS, F	0654538	0643652	0643652	0654539	0653921	0653921
INJECT 230030 RS, GS	0654538	0643652	0643652	0654539	0653921	0653921
INJECT 230040 RS, GL	0654538	0661051	0661051	0654539	0661052	0661650

### Accessories – INJECT 2K 230

Name	Order No.	Description
Suction line up to 200 l drum	0669820	Suction line complete NW25 - PVC clear - G1 1/4" > Small/large containers
Suction line IBC	0669595	Suction line complete NW25 - PVC clear - G1 1/4" -> S60 x 6 (IBC)
Suction line for 68 l plastic barrel with frame	0670111	Feed complete (1:1) with return, frame and 2 x 68 l drum, MP connection: 1 1/4"
Feed pumps 200 l drum (quantity 2)	0663455	Feed pump 146.03,7 N complete with connection hose 2,2 m
Flush pump PROFIT for N Version	0669718	Flush pump small containers 33:1 RS complete with DLR for Inject 230/333 (1 x Output)
Protective grille for frame versions	0669630	Protective grille complete for mining system (width 635 mm)
Mounting kit condensate-water separator	0670850	Mounting kit filter for injection system (with air motor 230)
Stroke counter	0646640	Stroke counter complete with holder
INJECT GUARD	0669958	Electronic recording unit for 2K Inject systems
Hose package NW10 - (3/8") RS with flushing	0671007	Hose package 15m unheated, 1 x NW 10 330 bar blue PA -RS- G3/8" (A-Comp.), 1 x NW 10 330 bar red PA -RS- G3/8" (B-Comp.), 1 x NW 6 410 bar blue PA -RS- 1/4" NPSM (flush), Protective hose
Hose package NW10 - (3/8") RS with flushing for INJECT GUARD (230er)	0671008	Hose package 15 m unheated, 1 x NW 10 330 bar blue PA -RS- G3/8" (A-Comp.), 1 x NW 10 330 bar red PA -RS- G3/8" (C-Komp.), 1 x NW 6 410 bar blue PA -RS- 1/4" NPSM (flush) with cable for sensor on the mixing unit
Hose package NW10 - (3/8") RS	0669766	Hose package 15 m unheated, 1 x NW 10 330 bar blue PA -RS- G3/8" (A-Comp.), 1 x NW 10 330 bar red PA -RS- G3/8" (B-Comp.), Protective hose
Mixing unit Standard 2K 3/8" N	0669748	Mixing unit complete -N- G3/8" - DN11 with hose and static mixer without flushing device for 2K injection system
Mixing unit Standard 2K 3/8" RS with flushing	0669611	Mixing unit complete with hose, static mixer, flushing device for component A and B for injection system
Mixing unit Inject Guard with flushing 3/8" RS	0669600	Mischeinheit kompl. mit Statikmischer und separatem Spülen mit Volumenerfassung für Komponenten A und B für 2K Injektionsanlage



## WIWA INJECT 2K 333 GX

Robust, powerful, safe – ideal for large construction sites.



ATEX version:  
Can be used in explosion-proof areas.

### DIE WIWA INJECT 2K 333 GX

The **WIWA INJECT 333 GX** is the most powerful 2-component injection system in the WIWA portfolio. In addition to the proven controlled DUOMIX system and the optimized, low icing 333 GX air motor, it can pump 70 l/minute of material. Thanks to its modular design up to 100 different mixing ratios can be generated by exchanging the material pumps. Even hose lengths over 200 m can be adapted. Therefore, it is excellently suited for large construction sites, in tunnels and underground. Both watery and viscous materials can be processed.

- Large output volume
- Large material inlets and check valves for viscous materials
- Long hose lengths can be adapted
- Quick start-up, easy maintenance, easy and quick cleaning
- Low wear due to fixed packings
- Wide range of different suction systems configurable

### AREAS OF APPLICATION

Building pit waterproofing, Subsoil injection/soil consolidation, Cavity filling, Subsequent horizontal barrier, Sewer rehabilitation, Surface and curtain injections

### MATERIALS

**N-Version:** 2K injection resins, Polyurethane resins, Silicate resins, PUR injection foam resins, PUR combination injection resins, PUR injection resins, PUR Casting Foam Resins, Injection foam **RS-Version:** Acrylic gels, 2K injection materials, Injection foams



WIWA INJECT 2K 333 GX SERIES – OVERVIEW

Available versions (material of the parts in contact with the material)

- N = Normal steel galvanized, not stainless
- RS = Stainless steel, rust and acid resistant

Available pump mounts

- Chassis (F)
- Frame standing (GS)

Common components in basic equipment

- 2K high pressure dosing pump, Maintenance unit, Frame standing or Chassis,
- 2x Pressure gauge at material outlet, Relief for A and B component, Operating manual with spare parts list
- The stainless steel version includes a flush pump PROFIT

Technical Data INJECT 2K 333 GX						
Model	Version	Output per cycle	Pressure ratio	Max. air inlet pressure	Max. operating pressure	Mixing ratio
INJECT 333037	N, GS	536 ccm	37:1	8 bar/116 psi	296 bar/4293 psi	1:1
INJECT 333037	N, F	536 ccm	37:1	8 bar/116 psi	296 bar/4293 psi	1:1
INJECT 333037	RS, GS	536 ccm	37:1	8 bar/116 psi	296 bar/4293 psi	1:1
INJECT 333037	RS, F	536 ccm	37:1	8 bar/116 psi	296 bar/4293 psi	1:1
INJECT 333018	RS, GS	1100 ccm	18:1	8 bar/116 psi	144 bar/2088 psi	1:1

Order Numbers INJECT 2K 333 GX			
Model	Version	Order No.	
INJECT 333037	N, GS	0669706	
INJECT 333037	N, F	0669705	
INJECT 333037	RS, GS	0670129	
INJECT 333037	RS, F	0670146	
INJECT 333018	RS, GS	0669707	

i

N = Normal steel galvanized, not stainless RS = Stainless steel rust and acid resistant  
ATEX heater mounting kit on request.

Sealing and repair kits für INJECT 2K 333 GX						
Model	Order number for sealing kit			Order number for repair kit		
	Air motor	Material-pump A	Material-pump B	Air motor	Material-pump A	Material-pump B
INJECT 333037 N, GS	0662922	0663736	0663736	0662921	0663741	0663746
INJECT 333037 N, F	0662922	0663736	0663736	0662921	0663741	0663746
INJECT 333037 RS, GS	0662922	0663736	0663736	0662921	0663746	0663746
INJECT 333037 RS, F	0662922	0663736	0663736	0662921	0663746	0663746
INJECT 333018 RS, GD	0662922	0670454	0670454	0662921	0670149	0670149

Accessories – INJECT 2K 333 GX			
Name	Order No.		Description
Suction line up to 200 l drum	0669846		Suction line complete NW25 - PVC clear - G1 1/2" --> Small/large containers
Suction line IBC	0669847		Ansaugleitung komplett NW25 - PVC klar - G1 1/2" --> S60x6 (IBC)
Suction line for 68 l plastic barrel with frame	0670115		Feed complete (1:1) with return, frame and 2 x 68 l drums MP connection: 1 1/2"
Flush pump PROFIT	0669718		Flush pump small containers 33:1 RS complete with DLR for Inject 230/333 (1 x Output)
Protective grille for frame versions	0669202		Protective grille complete for mining plant (width 535 mm)
Stroke counter	0646640		Stroke counter complete with holder
Mounting kit condensate-water separator	0670850		Mounting kit filter for injection system (with air motor 230)
Hose package NW13 - (1/2") with flushing	0669764		Hose package 15 m unheated, 1 x NW 13 470 bar blue PA -RS- G1/2" (A-Comp.), 1 x NW 13 470 bar red PA -RS- G1/2" (B-Comp.), 1 x NW 6 410 bar blue PA -RS- 1/4" NPSM (flush), Protective hose
Hose package NW13 - (1/2")	0669767		Hose package 15 m unheated, 1 x NW 13 470 bar blue PA -RS- G1/2" (A-Comp.), 1 x NW 13 470 bar red PA -RS- G1/2" (B-Comp.), Protective hose
Mixing unit Standard 2K 1/2"	0669620		Mixing unit G1/2" - DN12 - with static mixer
Mixing unit Standard 2K 1/2" with flushing RS	0670316		Mixing unit complete with hose, static mixer and flushing device for components A and B for injection system



WIWA INJECT GUARD

Optimized workflows – for full cost control.



Technical Data INJECT 2K 333 GX

Rated voltage	Frequency	Number of phases	Rated current	Wide	Height	Depth	Weight	Max. operating pressure	Max. ai inlet pressure
230 V	50/60 Hz	1	1,6 A	369 mm	494 mm	557 mm	33 kg	400 bar/5801 psi	8 bar/116 psi

Order numbers INJECT GUARD

Model	Description	Order No.	
INJECT GUARD Basic unit	Electronic recording unit for 2K INJECT systems	0671606	
INJECT GUARD for INJECT 2K 140	Electronic recording unit for 2K INJECT 2K 140	0671607	
	Hose package	0671605	
	Mixing unit	0670750	
INJECT GUARD for INJECT 2K 230	Electronic recording unit for 2K INJECT 2K 230	0669958	
	Hose package	0671008	
	Mixing unit	0669600	



Attention: For the complete unit a hose package INJECT GUARD and a mixing unit INJECT GUARD are required.

THE WIWA INJECT GUARD

Provides you with process reliability and cost optimization by recording and documenting injection processes.

The **INJECT GUARD** monitors set para-meters and documents them. In addition to recording pressures and volumes per packer, the system warns of malfunctions or shifts in the mixing ratio. The data can be displayed directly on the 4“ Siemens display or directly via the browser of a WLAN-enabled end device.

To protect your sensitive data, the end device and INJECT GUARD communicate via a password-protected WLAN connection, so that only authorized employees can change and view the parameters.

SCOPE OF DELIVERY:

Control cabinet with control and touch display, Datalogger (documents the specified parameters), Flow cells up to 400 bar/5801 psi, Pressure sensor

DOCUMENTATION OF:

- Volume per packer
- Volume per packer A and B
- Pressure per packer
- Charge numbers for A and B
- Volume per batch and day
- Date
- Time

DOCUMENTATION EXAMPLE:

Construction stage (trade)	1		
Duration of the Injection	00:30:00		
Daily protocol			
Date	2021-05-11	2021-05-12	2021-05-13
Duration of the Injection	00:10:00	00:10:00	00:10:00
Consumption component A	5,30 l	3,20 l	4,00 l
Consumption component B	5,29 l	3,22 l	4,09 l
Consumption component A + B	10,59 l	6,42 l	8,09 l
Number of Injection	8	2	2
Construction stage (trade)	1	1	1
Operator	1.0,1.0	1.0,2.0	2.0,2.0

HEATED SYSTEMS FOR YOUR INJECTION TASKS

Customized special solutions specifically for your application. Every project brings its own unique challenges. We at WIWA love these challenges, because we are able to develop 100% customized customized special solutions. We will be happy to advise you at any time by e-mail or in a personal conversation.



Customized special solutions specifically for your application. Every project brings its own unique challenges. We at WIWA love these challenges, because we are able to develop 100% customized customized special solutions. We will be happy to advise you at any time by e-mail or in a personal conversation.



Technical Data	SPF 280	DUOMIX 540	Technical Data	DUOMIX HYDRAULIK
Mixing ratio	1:1	1:1*	Mixing ratio	1:1
Pressure ratio	16:1	31:1	Output per cycle	194 ccm
Max. operating pressure	128 bar/1856 psi	247 bar/3582 psi	Max. output	6,6 l
Output per cycle	144 ccm	264 ccm	Heating capacity Material flow heater	12 kW
Max. air inlet pressure	8 bar/116 psi	8 bar/116 psi	Heating capacity hose package	47 W/m
Material flow heater	6 kW	12 kW	Max. hose length at 400 V	138 m
Heating capacity hose package	3,5 kW	6,5 kW	Hydraulic power unit output	4 kW/5 Ps
Max. hose length	64 m	138 m	Voltage	230 - 400 V
Voltage/Phases	230 - 400 V/3 P	230 - 400 V/3 P	Max. power consumption	23 kW
Max. power consumption	9,5 kW	18,5 kW	Max. operating pressure	250 bar/3625 psi
Price in €	See page 66	See page 67	Price in €	See page 67

\* Other mixing ratios on request.





WIWA

INJECT GUNS

Suitable for all injections.

Injection gun (Order no. 0668657) with hose whip. Optionally available with attachment kit straight lance (for cream) or attachment kit for curved lance.



THE WIWA INJECT GUN

The **WIWA injection gun** is designed for 300 bar. All material-carrying parts are made of stainless steel. It is equipped with swivel joint, pressure gauge, hose whip 0.3 m, a 4-jaw hydraulic mouthpiece and a 90° sliding coupling. You can select further attachments from the table.

INJECT GUN

Order No.		Description
0668657		Injection gun WIWA 250D complete with material hose, hydraulic mouthpiece and pressure gauge

Mounting kits INJECT GUN

Order No.		Description
0631406		Whip 0.3 m
0669411		Mounting Kit straight lance
0669410		Mounting kit bent lance
0218820		Connection nipple
0669301		Sliding coupling 90°
0641199		Sliding coupling straight
0411302		Hydraulic mouthpiece
0668559		Quick release pliers

WIWA INJECTION LANCE

The WIWA injection lance is made of steel and consists of a ¼“ ball valve, a bent lance and a 4-jaw hydraulic mouthpiece. You can select further attachments from the table.

INJECTION LANCE

Order No.		Description
0641948		Injection lance complete

Mounting kits INJECTION LANCE

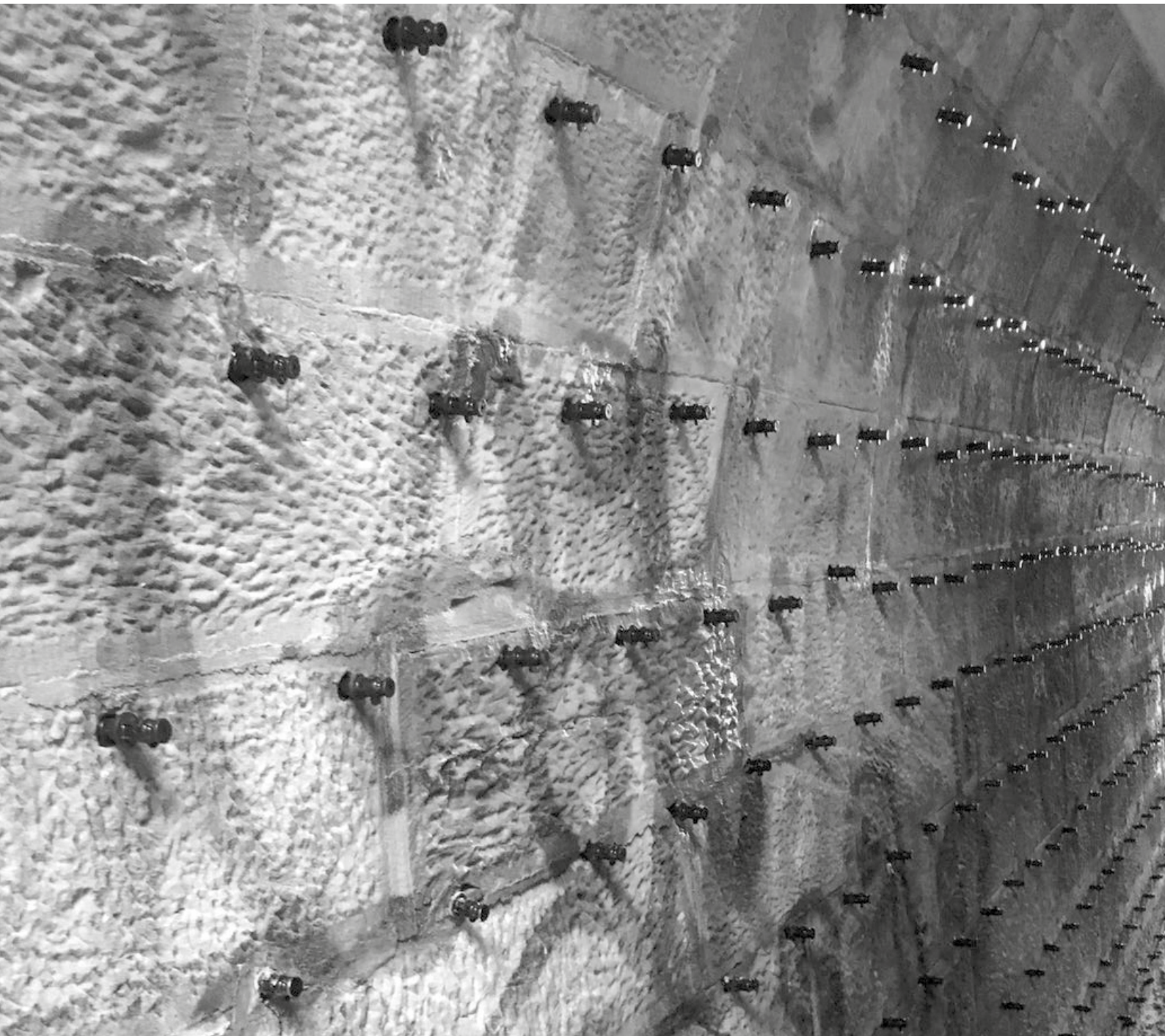
Order No.		Description
0631406		Whip 0,3 m
0669411		Mounting Kit straight lance
0669410		Mounting kit bent lance
0218820		Connection nipple 1/4“ to M10x1
0669301		Sliding coupling 90° M10x1
0641199		Sliding coupling straight M10x1
0411302		Hydraulikmundstück M10x1
0646988		Ball valve ¼“ N
0668559		Quick release pliers



WIWA

INJEKT PACKERS

For building renovation – made of plastic or steel



WIWA INJECT PACKERS

Here you will find an overview of our high-quality plastic packers and steel packers. Depending on the model, the WIWA INJECT Packers can be used for 1K as well as 2K applications.



Lamella impact packer,  
Order No. 0668433



Locking piece, Order No. 0668437



Quick release pliers,  
Order No. 0668559



Lamella impact packer,  
Order No. 0668430



Progressive packer,  
Order No. 0668431



Progressive packer,  
Order No. 0668432



Progressive packer,  
Order No. 0668011









Lamella impact packer,  
Order No. 0668436

WIWA INJECT Plastic packers			
Order No.		Description	Size
0668433		Lamella impact packer SSV with sealing lip valve, connection Quick snap closure	18 x 120 mm
0668437		Locking piece with cross slide, internal thread R ¼	
0668559		Quick release pliers 17 Connection R ¼, max. passage 4 mm	
0668430		Lamella impact packer made of plastic with screwed-in HP conical nipple	10 x 100mm
0668431		Progressive packer made of plastic With screwed-in HP conical nipple	10 x 75 mm
0668432		Progressive packer made of plastic With screwed-in HP conical nipple	12 x 75 mm
0668011		Lamella impact packer Flat head nipple 16 mm, with cross slider, passage 4 mm	14 x 100 mm
0668436		Lamella impact packer external thread R ¼, free passage 7 mm	14 x 100 mm



WIWA INJECT Plastic Packers

Order No.		Description	Size
0668012		Lamella impact packer Flat head nipple 16 mm, with cross slider, passage 4 mm	18 x 120 mm
0668441		Gel tube 10 x 1.5 mm, HDPE	300 mm
0668442		Gel tube 10 x 1.5 mm, HDPE	500 mm
0668438		Gel pipe manifold 18 Threaded clamp for gel pipe 10 mm	M 15 x 1,5mm
0668439		Clamping nut for gel tube 10 mm	
0668429		Adhesive packer Ø 50 with internal thread M8	Höhe 26 mm

Lamella impact packer,  
Order No. 0668012

Gel tube, Order No. 0668441











Gel tube, Order No. 0668442

Gel pipe manifold,  
Order No. 0668438

Clamping nut, Order No. 0668439

Adhesive packer  
Order No. 0668429

WIWA INJECT Aluminium and Steel packers

Order No.		Description	Size
0668726		Aluminium packer with single adhesive rubber and conical nipple	13 x 80 mm
0668727		Aluminium packer with double adhesive rubber and conical nipple	10 x 115 mm
0668722		Steel packer with flat head nipple	10 x 115 mm
0668718		Steel packer with cone nipple	10 x 115 mm
0668719		Steel packer with cone nipple	13 x 115 mm
0668720		Steel day packer with cone nipple	10 x 115 mm
0668721		Steel day packer with cone nipple	13 x 115 mm
0668723		Steel packer with flat head nipple	13 x 115 mm
0668724		Steel day packer with flat head nipple	10 x 115 mm
0668725		Steel day packer with flat head nipple	13 x 115 mm

Aluminium packer,  
Order No. 0668726

Aluminium packer,  
Order No. 0668727

Aluminium packer,  
Order No. 0668722

Steel packer, Order No. 0668718

Steel packer, Order No. 0668719

Steel day packer,  
Order No. 0668720

Steel day packer,  
Order No. 0668721

Steel packer, Order No. 0668723

Steel day packer,  
Order No. 0668724

Steel day packer,  
Order No. 0668725



CHAPTER

03

EXTRUSION / MATERIAL HANDLING

1K / 1K TRANSFER

WIWA VULKAN GX	Page 130
WIWA Low pressure pumps	Page 146
WIWA Oil transfer pumps	Page 152
WIWA Water transfer pumps	Page 153
WIWA DA-transfer pumps	Page 154
WIWA 4-ball pumps	Page 155

SYSTEM SOLUTIONS

Solvent adhesives	for small containers and individual workstations	Page 156
	200- liter bunghole drums	Page 157
	1000 liter IBC	Page 157
Dispersion adhesives	for small containers and individual workstations	Page 159
Underbody coatings	direct suction from a 200 liter container	Page 160
	30 to 200 liter containers	Page 161
	200 liter containers	Page 162
	for small and large containers	Page 163



## WIWA VULKAN GX SERIES

Established quality refined.



### VULKAN GX - OVERVIEW

The **WIWA VULKAN GX** extrusion pumps for pumping, dosing and applying adhesives, insulating materials and sealants are now fitted with the new WIWA GX air motor. It captivates with a full metal housing, optimizing air distribution during operation to minimize icing and maximize sound reduction.

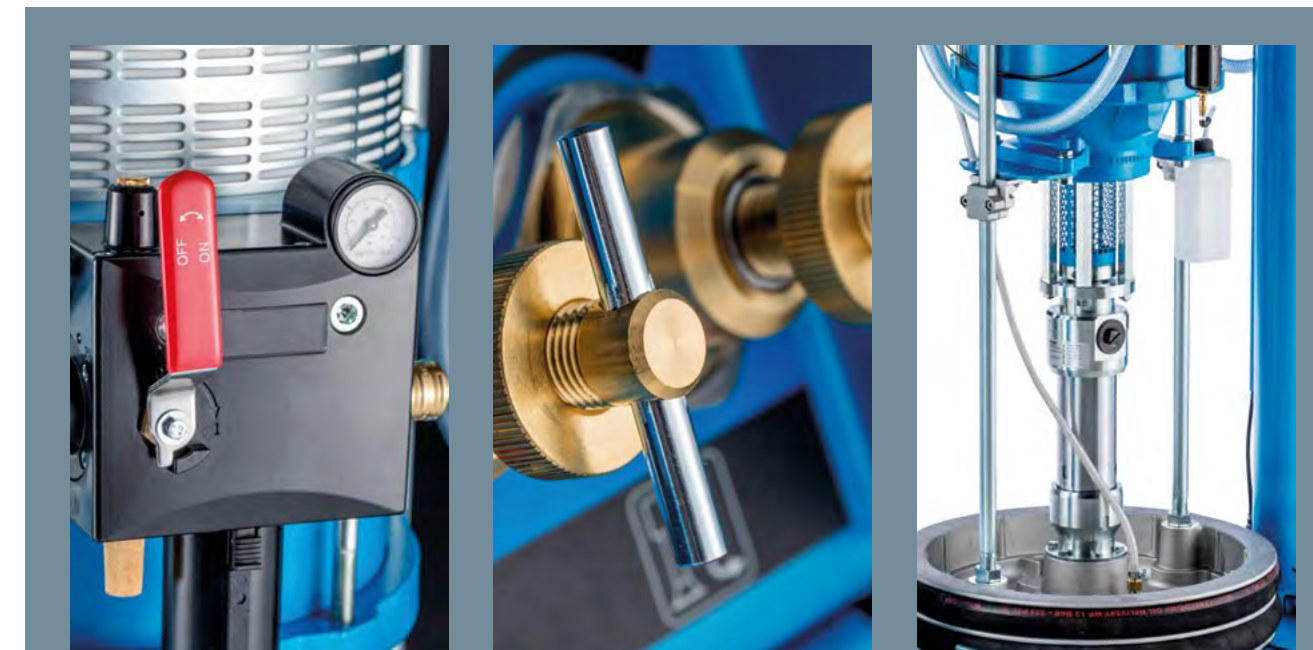
Our extrusion pump program includes a total of 22 pumps in six performance classes with different delivery capacities and pressure ratios, making it one of the most extensive series worldwide.

### AREAS OF APPLICATION

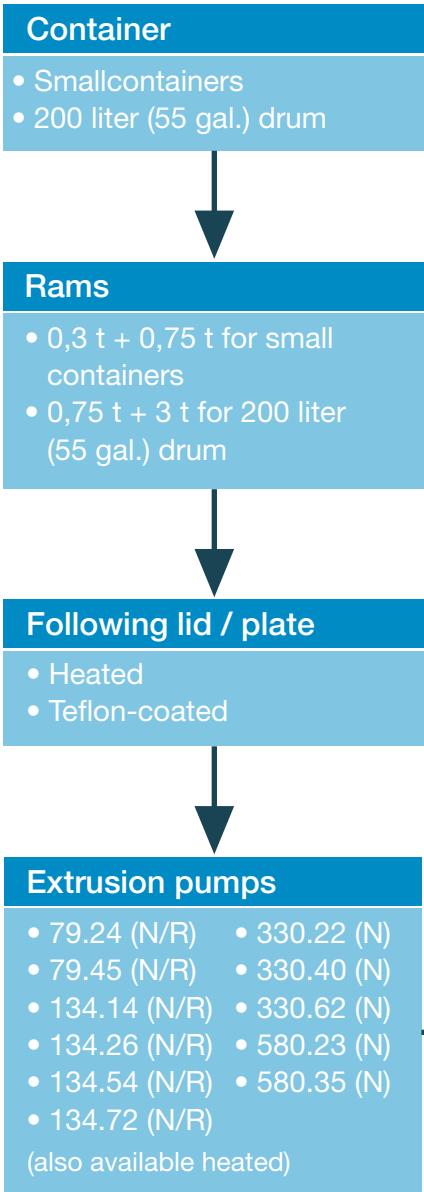
Machine and vehicle construction, Aviation, Marine and offshore industries, Wood and furniture industry, Wind energy, Rail vehicle construction, Window and door construction, Electrical industry, White goods, Oil and grease delivery systems, Packaging industry, Construction industry, Chemical industry, Paint and varnish production, Manufacture of silicone products, Underbody protection applications, Cartridge filling systems, Adhesive and polyurethane processing

### MATERIALS

Adhesives and glues, PVC and other waterproofing materials, greases and lubricants, printing inks, bitumen, underbody protection, pasty coating materials and other medium- and high-viscosity media, mastics, silicones, butyls, urethanes, epoxies, acrylics







- Main components
- Versions
- Accessories
- Options

- Guns
- Extrusion guns
  - AirCombi guns
  - Airless guns

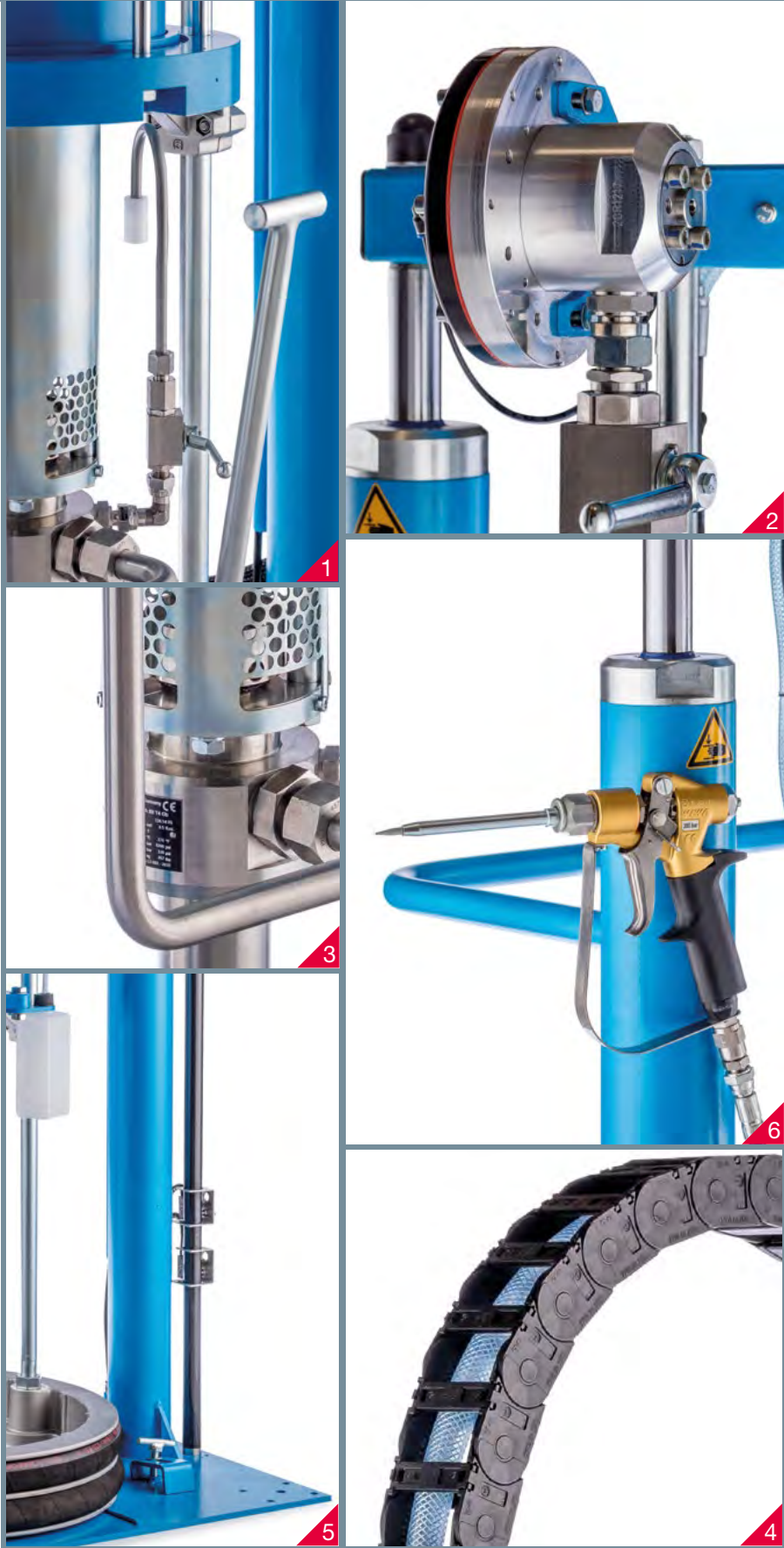
- Control
- 1-hand-control
  - 2-hands-control

- Monitoring
- Drum low level indicator
  - Drum low level indicator with shutdown
  - Drum low level indicator without shutdown

- Pressure relief
- Material pressure regulator
- Rising pipe
- Energy chain
- Hoses also available heated

i

The energy chain guarantees the smallest permissible bending radius of the hoses and protects them from damage.

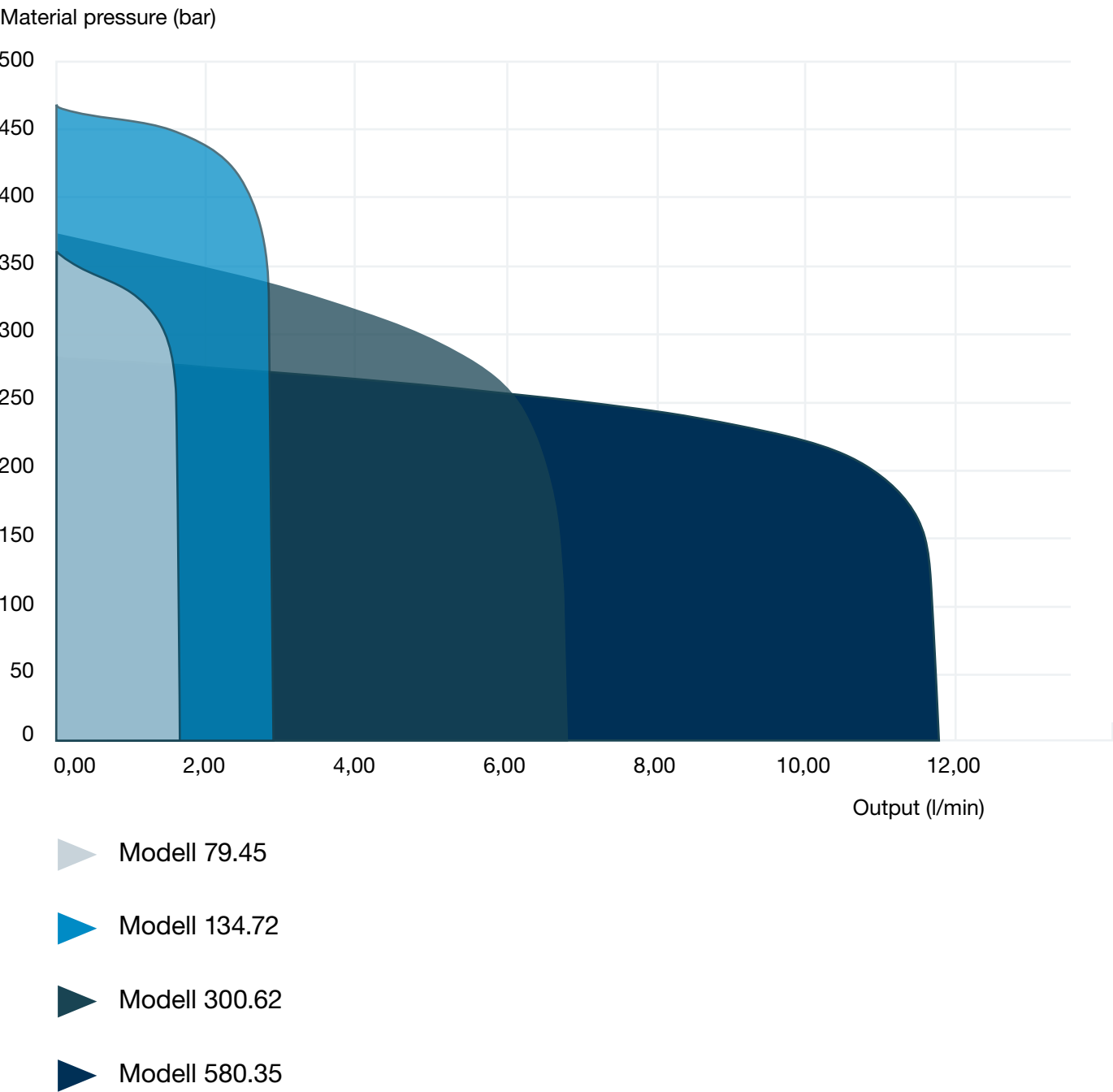


i

Our systems are also available on wheels. If you have any questions about your individual configuration, please do not hesitate to contact us.



YOU KNOW YOUR MATERIAL AND THE NECESSARY OUTPUT.  
WE HAVE THE BEST PUMP FOR THE JOB.



**i** The graphic above is for guidance only. The actual delivery rate could differ.

VULKAN GX EXTRUSION SYSTEMS – OVERVIEW

- Available versions (material of the parts in contact with the material)**  
N = Normal steel galvanized, not stainless  
RS = Stainless steel, rust and acid resistant
- Available pump mounts**  
Single post ram press model ESR 0375/60 (0.375 t, up to 60 liters container)  
Single post ram press model ESR 0375/216 (0.375 t, up to 216 liter drum)  
Double post ram press model ZSR 030 (0.3 t, up to 60 liter container)  
Double post ram press model ZSR 075 (0.75 t, up to 216 liter drum)  
Mobile ram unit model H 030/R (0.3 t, up to 60 liter container)
- Common components in basic equipment**  
High pressure pump, maintenance unit, safety valve, bottle of release agent, bottle of pneumatic oil, operating manual with spare parts list
- Individual components in basic equipment**  
Following plate at choice\* (VULKAN on single post ram press model ESR 0375/60 and double post ram press model ZSR 030 and lifting carriage with ram press model H 030/R)  
Following lid for 216 liter drum (VULKAN on single post ram press model ESR 0375/216 )  
Following plate for 216 liter drum (VULKAN on double post ram press model ZSR 075)

Technical Data and Order Numbers – VULKAN GX Extrusion pumps								
Model	Pressure ratio	Output per cycle	Max. air inlet pressure	Max. operating pressure	Order No.			
					Version N		Version RS	
79.45	45:1	79 ccm	8 bar/116 psi	360 bar/5221 psi	0668166		0666444	
79.24	24:1	79 ccm	8 bar/116 psi	192 bar/2784 psi	0668165		0668174	
134.14	14:1	134 ccm	8 bar/116 psi	112 bar/1624 psi	0668167		0668175	
134.26	26:1	134 ccm	8 bar/116 psi	208 bar/3016 psi	0668168		0668176	
134.54	54:1	134 ccm	8 bar/116 psi	432 bar/6265 psi	0668173		0668177	
134.72	72:1	134 ccm	6,5 bar/94 psi	468 bar/6787 psi	0668169		0668178	
330.22	22:1	330 ccm	8 bar/116 psi	176 bar/2552 psi	0669812		-	
330.29	29:1	330 ccm	8 bar/116 psi	232 bar/3364 psi	0668170		-	
330.40	40:1	330 ccm	8 bar/116 psi	320 bar/4641 psi	0668171		-	
330.62	62:1	330 ccm	6 bar/87 psi	372 bar/5395 psi	0667080		-	
580.23	23:1	580 ccm	8 bar/116 psi	184 bar/2668 psi	0668172		-	
580.35	35:1	580 ccm	8 bar/116 psi	280 bar/4061 psi	0665422		-	

Following lid for VULKAN GX Extrusion Systems

Model	Order No. for Standard follower lid		Order No. for rest- quantity-optimized following lids	
ø 230 – 255 mm	-		0666952	
ø 269 – 285 mm	-		0650220	
ø 270 – 300 mm	-		0668923	
ø 270 – 305 mm	0642176		-	
ø 300 – 330 mm	0646422		-	
ø 330 – 360 mm	0646434		-	
ø 360 – 385 mm	0646143		-	

Following plates for VULKAN GX Extrusion Systems

Model	Order No. for Standard following plate		Order no. for rest- quantity-optimized following lids	
ø 280 mm	0639937		0668152	
ø 282 mm	0641706		-	
ø 283 mm	0642469		-	
ø 284 mm	-		0668592	
ø 285 mm	0640624		0667029	
ø 287 mm	0640573		-	
ø 295 mm	0642905		-	
ø 300 mm	0642908		-	
ø 315 mm	0639894		-	
ø 328 mm	0642020		-	
ø 350 mm	0642694		-	
ø 355 mm	0641616		-	
ø 571,5 mm	0668088		-	
ø 571,5 mm, for MP 580 ccm	0669103		-	
ø 571,5 mm, electrically heated	0659944		-	
ø 571,5 mm, Double sealing lip (for 216 liter drum)	0659758		-	



N = not stainless   R = stainless   RS = rust and acid resistant

Material pressure regulator for VULKAN GX Extrusion Systems

Name	Description	Order No.	
Material pressure regulator manual	Material inlet pressure 100 bar, control range 20-100 bar, material inlet G 3/8", piston design, suitable for low to medium viscous materials (e.g. grease, silicone).	0651610	
Material pressure regulator manual	Material inlet pressure 250 bar, control range 20-250 bar, material inlet G 3/8", piston design, suitable for low to medium viscosity materials (e.g. grease, silicone)	0651609	
Material pressure regulator manual	Material inlet pressure 400 bar, control range 20-400 bar, material inlet G 3/8", piston design, suitable for low to medium viscosity materials (e.g. grease, silicone)	0643777	
Material pressure regulator manual	Material inlet pressure 400 bar, control range 10-320 bar, material inlet G 3/4", piston design, suitable for medium to high viscosity materials (e.g. mastic)	0669404	
Material pressure regulator pneumatic	Material inlet pressure 400 bar, control range 25-275 bar, material inlet G 3/4", ball seat design, suitable for medium to high viscosity as well as moisture sensitive materials	0669401	
Material pressure regulator manual	Material inlet pressure 400 bar, control range 4-50 bar, material inlet G 3/8", diaphragm design, suitable for low to high viscosity as well as abrasive materials (e.g. epoxy/PU)	0669348	
Material pressure regulator manual	Material inlet pressure 400 bar, control range 15-150 bar, material inlet G 3/8", piston design, suitable for low to high viscosity as well as abrasive materials (e.g. epoxy/PU)	0669701	

Gun and accessories for VULKAN GX Extrusion Systems - Hand application -

Name	Description	Order No.	
Extrusion gun	without nozzle and swivel joint, max. operating pressure 500 bar	0631299	
Swivel for ex-gun	straight version	0631300	
Swivel for ex-gun	Z-Version	0631301	
Extrusion gun	Material inlet pressure 350 bar, material inlet 3/8" NPSM, step nozzle incl.	0520012	
WIWA 250 D with outlet nozzle	WIWA 250 D: Material inlet pressure 300 bar, material inlet 1/4" NPSM	0015032	
	outlet nozzle	0669649	
WIWA 500 D with outlet nozzle	WIWA 500 D: Material inlet pressure 500 bar, material inlet 3/8" NPSM	0015016	
	outlet nozzle	0669649	
WIWA 250 D with outlet needle	WIWA 250 D: Material inlet pressure 300 bar, material inlet 1/4" NPSM	0015032	
	outlet needle	0669650	
WIWA 500 D with outlet needle	WIWA 500 D: Material inlet pressure 500 bar, material inlet 3/8" NPSM	0015016	
	outlet needle	0669649	



Gun and accessories for VULKAN GX Extrusion Systems - Automatic application -

Name	Description	Order No.	
WIWA 250 Automatic gun	Material inlet pressure 250 bar, material inlet 1/4" NPSM, needle size 4 mm	0630876	
WIWA 225 Automatic gun	Material inlet pressure 225 bar, material inlet 1/4" NPSM, needle size 3 mm / 4 mm	0646339	
WIWA 250 Needle outlet valve	Material inlet pressure 250 bar, material inlet 1/4" NPSM, needle size 2.5 mm	0669171	
WIWA Dosing valve	Material inlet pressure 3-20 bar, material inlet 1/4" NPSM, Needle size 2.5 mm (also available 1 mm or 4 mm), metering range 0.001 - 3 cm <sup>3</sup>	0669730	
WIWA Dosing valve	Material inlet pressure 3-50 bar, material inlet 1/4" NPSM, Needle size 2.5 mm (also available 1 mm or 4 mm), metering range 0.003 - 0.2 cm <sup>3</sup>	0669740	

Extrusion nozzles for VULKAN GX Extrusion Systems

Nozzle opening	1,0 mm	1,5 mm	2,0 mm	2,5 mm	3,0 mm	3,5 mm	4,0 mm	5,0 mm	6,0 mm	10,0 mm
Order No.	0631129	0631130	0631131	0631132	0631133	0631134	0631135	0631136	0631137	0631138

Sealing kits for VULKAN GX Extrusion Systems

Model	Sealing kits for Air motor		Sealing kits for Materialpump	
	Order No.		Order No.	
79.24	0666800		0667945	
79.45	0666798		0667945	
134.14	0666800		0666934	
134.26	0666798		0666934	
134.54	0639057		0666934	
134.72	0639249		0666934	
330.22	0639057		0667096	
330.29	0639249		0667096	
330.40	0660412		0667096	
330.62	0663594		0667096	
580.23	0660412		0666876	
580.35	0663594		0666876	

Repair kits for VULKAN GX Extrusion Systems

Model	Repair kits for Air motor		Repair kits for Materialpump					
			SDM		PTFE Graphit		PTFE nature	
	Order No.		Order No.		Order No.		Order No.	
79.24	0667164		0667946		0668259		0668260	
79.45	0666918		0667946		0668259		0668260	
134.14	0667164		0666935		0668265		0668266	
134.26	0666918		0666935		0668265		0668266	
134.54	0639265		0666935		0668265		0668266	
134.72	0639250		0666935		0668265		0668266	
330.22	0639265		0667098		0668267		0668268	
330.29	0639250		0667098		0668267		0668268	
330.40	0660411		0667098		0668267		0668268	
330.62	0663595		0667098		0668267		0668268	
580.23	0660411		0666877		0668269		0668270	
580.35	0663595		0663595		0668269		0668270	

VULKAN GX EXTRUSIONSPUMPS + ACCESSORIES

On double post ram press 0,75 t or 3,0 t (up to 216 liter drum)

» see table 1

On double post ram press or lift truck 0.75 t or 3.0 t (up to 60 liter container)

» see table 2

Following lid and following plates

» see table 3

Maintenance units

» see table 4

More accessories

» see table 5



Table 1 - VULKAN GX on ram press 0.75 t / 3.0 t (up to 216 liter drum)

Description	Order No.		79.24	79.45	134.14	134.26	134.54	134.72	330.22	330.29	330.40	330.62	580.23	580.35
Double post ram press -ZSR300- (3.0 t) up to 216 l drum	0655428		●	●	●	●	●	●	●	●	●	●	●	●
Double post ram press -ZSR075- (0.75 t) up to 216 l drum	0664940		●	●	●	●	●	●	●	●	●	●	●	●
Control 1-Hand	0665728		(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)
Control 1-Hand with double pressure regulator	0669322		●	●	●	●	●	●	●	●	●	●	●	●
Control 1-Hand with safety pushbutton	0666460		(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)
Control 1-Hand with safety push button dual pressure regulator	0669332		●	●	●	●	●	●	●	●	●	●	●	●
Control 2-hand with double pressure regulator	0664823		●	●	●	●	●	●	●	●	●	●	●	●
Control double ram station (WIWA standard)	0669951		●	●	●	●	●	●	●	●	●	●	●	●
Control double ram station (FESTO valves)	0669565		●	●	●	●	●	●	●	●	●	●	●	●
Air supply complete for control on ram	0669385		●	●	●	●	●	●	●	●	●	●	●	●
Air supply complete on LM 105 and 140	0669335		●	●	●	●	●	●	●	●	●	●	●	●
Air supply complete on LM 200 and 230	0669337		●	●	●	●	●	●	●	●	●	●	●	●
Air supply complete 1-hand control with LM 105 to 230	0668951		●	●	●	●	●	●	●	●	●	●	●	●
Air supply complete 1-hand control with LM GX series	0668952		●	●	●	●	●	●	●	●	●	●	●	●
Hose line complete	0669374		●	●	●	●	●	●	●	●	●	●	●	●
Hose line complete with energy chain for ZSR 0.7 t	0666787		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit drum empty signal for LM 85-333 for 1- hand control	0664981		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit drum empty signal for LM 85 - 333 for 1- hand Control safety switch	0666462		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit electric drum empty signal for LM 85 - 333	0667087		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit shut-off of LM 200 - 333 for drum empty indication for 1-hand control	0664982		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit shutdown of LM 200-333 for drum empty signal - 1-Hand control safety button	0666463		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit drum fast empty signal - 1-Hand control u. 1-Hand control safety button	0664988		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit drum empty signal with switch-off for LM 200-333 for 2-hand control	0664838		●	●	●	●	●	●	●	●	●	●	●	●
Holder complete for air motor 85/105/140	0640978		●	●	●	●	●	●	●	●	●	●	●	●
Holder complete for air motor 200/230	0657455		●	●	●	●	●	●	●	●	●	●	●	●
Holder complete for air motor 200 to 270 GX series	0666506		●	●	●	●	●	●	●	●	●	●	●	●
Holder complete for air motor 300 to 333 GX series for ZSR 0.75 t	0666788		●	●	●	●	●	●	●	●	●	●	●	●
Holder complete for air motor 300 to 333 GX series for ZSR 3.0 t	0668277		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit barrel hold down	0640718		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit barrel centering	0666829		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit with wheels Ø 80 mm max. load 400 kg	0658450		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit with wheels Ø 80 mm max. load 800 kg	0669386		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit ram increase h=100 mm	0667126		●	●	●	●	●	●	●	●	●	●	●	●
For more accessories, see tables 2, 3, 4, 5, 6, 7, 8, (9)			●	●	●	●	●	●	●	●	●	●	●	●

Table 2 - VULKAN GX on ram press + lift trolley 0,75 t / 0,3 t (up to 60 liters tank)

Description	Order No.		79.24	79.45	134.14	134.26	134.54	134.72	330.22	330.29	330.40	330.62	580.23	580.35
Double post ram press -ZSR030-	0666428		●	●	●	●	●	●	●	●	●	●	●	●
Double post ram press -ZSR075-	0666374		●	●	●	●	●	●	●	●	●	●	●	●
Control 1-Hand	0665728		(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)
Control 1-Hand with double pressure regulator	0669322		●	●	●	●	●	●	●	●	●	●	●	●
Control 1-Hand with safety pushbutton	0666677		(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)	(●)
Control 1-Hand with safety push button double pressure regulator	0669331		●	●	●	●	●	●	●	●	●	●	●	●
Control 2-hand with double pressure regulator	0666459		●	●	●	●	●	●	●	●	●	●	●	●
Control double ram station (WIWA standard)	0669951		●	●	●	●	●	●	●	●	●	●	●	●
Control double ram station (FESTO valves)	0669565		●	●	●	●	●	●	●	●	●	●	●	●
Air supply complete for control on ram	0667746		●	●	●	●	●	●	●	●	●	●	●	●
Air supply complete on LM 105 & 140	0669335		●	●	●	●	●	●	●	●	●	●	●	●
Air supply complete on LM 200 & 230	0669337		●	●	●	●	●	●	●	●	●	●	●	●
Air supply complete 1- hand control with LM 105 to 230	0668951		●	●	●	●	●	●	●	●	●	●	●	●
Air supply complete 1- hand control with LM GX series	0668952		●	●	●	●	●	●	●	●	●	●	●	●
Hose line complete	0669466		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit drum empty signal for LM 85 - 333 for 1-hand control	0666461		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit drum empty signal for LM 85 - 333 for 1-hand control safety switch	0666462		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit electric drum empty signal for LM 85 - 333	0667087		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit shut-off of LM 200 - 333 for drum empty indication for 1-hand control	0664982		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit shutdown of LM 200-333 for drum empty signal - 1-Hand control safety button	0666463		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit drum fast empty signal - 1-hand control and 1-hand control safety button	0664988		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit drum empty signal with switch-off for LM 200 - 333 for 2-hand control	0664838		●	●	●	●	●	●	●	●	●	●	●	●
Holder complete for air motor 85/105/140	0667508		●	●	●	●	●	●	●	●	●	●	●	●
Holder complete for air motor 200/230	0667509		●	●	●	●	●	●	●	●	●	●	●	●
Lifting table St37 for SKP, HDP u. NDP 330mm height	0642729		●	●	●	●	●	●	●	●	●	●	●	●
Lifting table St37 for SKP, HDP and NDP 295mm height (standard)	0663703		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit barrel centering	0666829		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit with wheels Ø 80 mm max. load 400 kg	0658450		●	●	●	●	●	●	●	●	●	●	●	●
Mounting kit with wheels Ø 80 mm max. load 800 kg	0669386		●	●	●	●	●	●	●	●	●	●	●	●
Chassis for double post ram press	0647147		●	●	●	●	●	●	●	●	●	●	●	●
For more accessories, see tables 2, 3, 4, 5, 6, 7, 8, (9)			●	●	●	●	●	●	●	●	●	●	●	●



Table 3 - VULKAN GX Following lid and following plate

Description	Order No.		79.24	79.45	134.14	134.26	134.54	134.72	330.22	330.29	330.40	330.62	580.23	580.35
Mounting kit for following lid following plate	0661829		●	●	●	●	●	●	●	●	●	●		
Mounting kit for following lid following plate for 580 ccm	0668453												●	●
Following lid ø 230-255 mm rest quantities optimized	0666952		●	●	●	●	●	●	●	●	●	●		
Following lid ø 269-285 mm rest quantities optimized	0650220		●	●	●	●	●	●	●	●	●	●		
Following lid ø 270-305 mm	0642176		●	●	●	●	●	●	●	●	●	●		
Following lid ø 270-305 mm Rest quantities optimized	0668923		●	●	●	●	●	●	●	●	●	●		
Following lid ø 300-330 mm	0646422		●	●	●	●	●	●	●	●	●	●		
Following lid ø 330-360 mm	0646434		●	●	●	●	●	●	●	●	●	●		
Following lid ø 360-385 mm	0646143		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 280 mm	0639937		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 282 mm	0641706		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 283 mm	0642469		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 285 mm	0640624		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 287 mm	0640573		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 295 mm	0642905		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 300 mm	0642908		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 315 mm	0639894		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 328 mm	0642020		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 350 mm	0642694		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 355 mm	0641616		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 280 mm - flat design	0668152		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 284 mm - flat design	0668592		●	●	●	●	●	●	●	●	●	●		
Following plate for container with inner diameter 285 mm - flat design with perforated plate	0667029		●	●	●	●	●	●	●	●	●	●		
Following plate for 216 l drum (-ZSR300-/-ZSR075-)	0668088		●	●	●	●	●	●	●	●	●	●		
Following plate for 216 l drum for MP 580 ccm (-ZSR300-/-ZSR075-)	0669103												●	●
Following plate for 216 l drum (-ZSR300-/-ZSR075-) with double sealing lip	0659758		●	●	●	●	●	●	●	●	●	●		
Following plate for 216 l drum (-ZSR300- / -ZSR075-) electrically heated (230V/1500W)	0659944		●	●	●	●	●	●	●	●	●	●		
Sealing hose for following plate for 216 L drum -Standard-	0488682		●	●	●	●	●	●	●	●	●	●	●	●

Table 4 - VULKAN GX Maintenance units

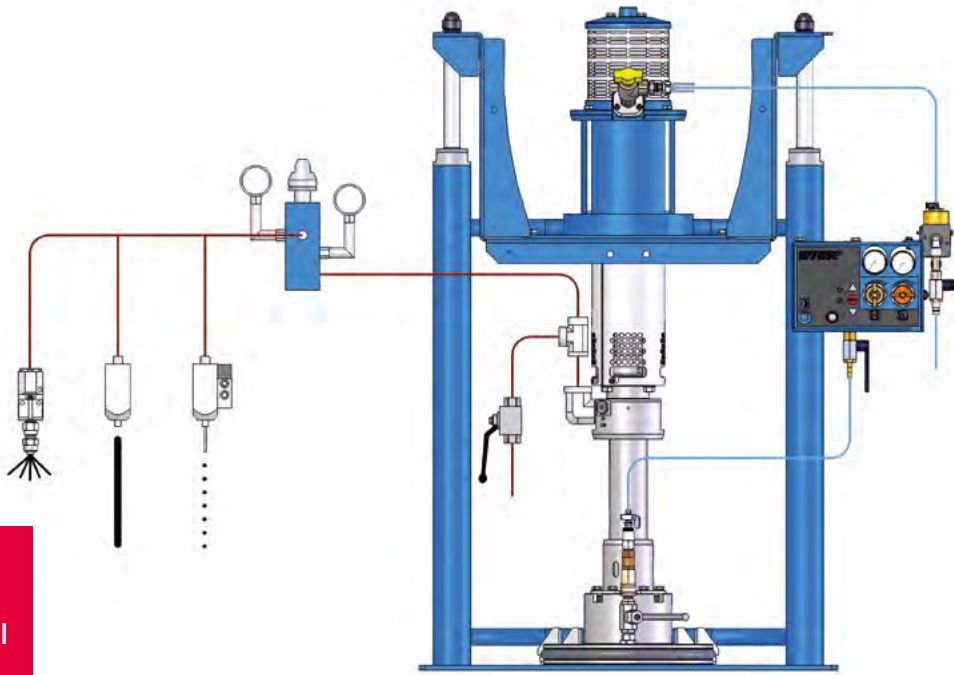
Description	Order No.		79.24	79.45	134.14	134.26	134.54	134.72	330.22	330.29	330.40	330.62	580.23	580.35
Maintenance unit for air motor 105 & 140	0648262		●	●	●	●								
Maintenance unit for air motor 200 & 230	0648096						●	●	●	●				
Maintenance unit for air motor GX series	0659776										●	●	●	●

Table 5 - VULKAN GX more accessories

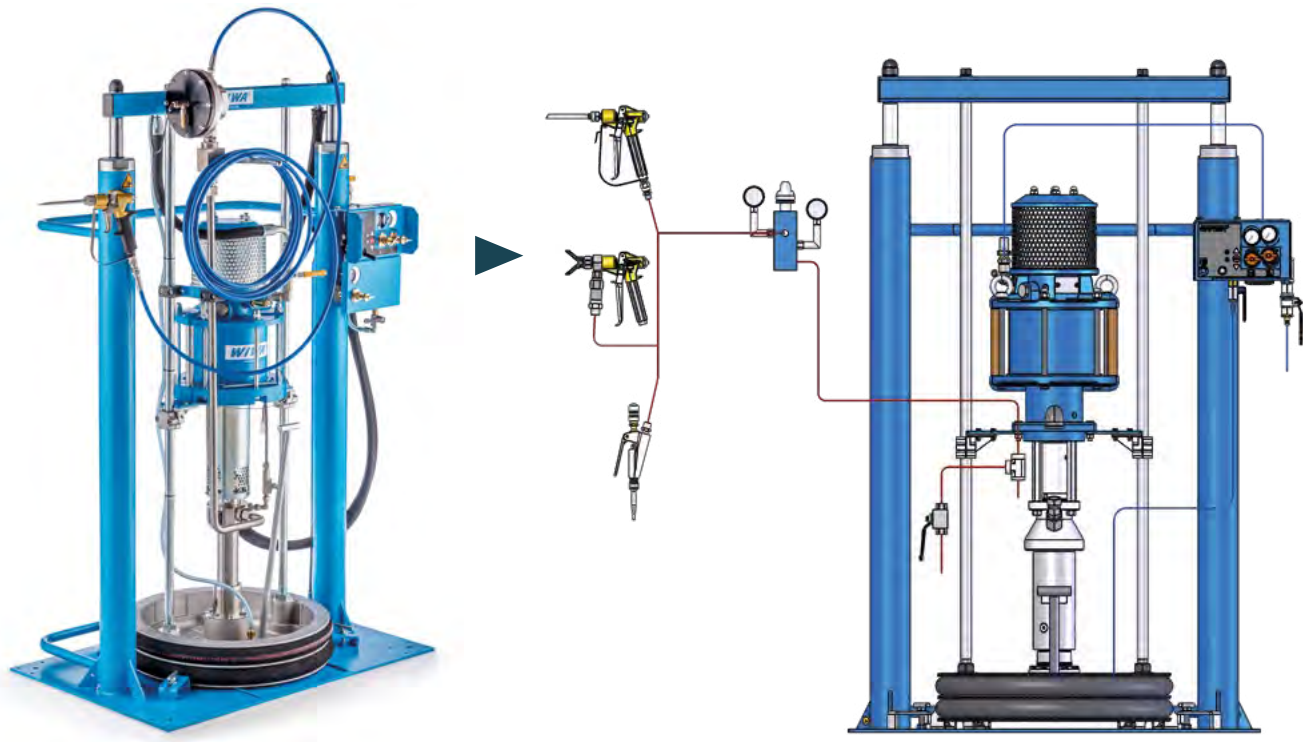
Description	Order No.		79.24	79.45	134.14	134.26	134.54	134.72	330.22	330.29	330.40	330.62	580.23	580.35
Material hose	On request		●	●	●	●	●	●	●	●	●	●	●	●
Nipple double G1“-G 1/2“-D=/L=50 V2A HD 500 bar inner cone on both sides	0659547		●	●	●	●	●							
Nipple double G 1“-G 3/4“-D=/L=55 V2A HD 500 bar inner cone on both sides	0472905		●	●	●	●	●							
Nipple double G 1 „V2A HD 500 bar inner diameter = 19 m, inner cone on both sides	0640102		●	●	●	●	●							
Nipple double G 1 1/4“-G 1/2“-D=/L= steel galvanized HD sealing cone on both sides	0667951								●	●	●	●	●	●
Nipple double G 1 1/4“-G 3/4“-D=/L=53 steel galvanized HD sealing cone on both sides	0667948								●	●	●	●	●	●
Nipple double G 1 1/4“-G 1“-D=/L=55 steel galvanized HD sealing cone on both sides	0667950								●	●	●	●	●	●



The exact dimensions of our VULKAN GX high pressure pumps are available on request.



You are looking for your own system? We will be happy to answer your questions by e-mail or in person.



Technical Data

System solution for 20 liter (5 gal.) containers

Suitable for	One to several delivery points
Components	<ul style="list-style-type: none"><li>• Shovel pump</li><li>• Material hose</li><li>• Material pressure regulator</li><li>• Twin-post ram</li><li>• Following plate</li><li>• Automatic gun</li></ul>
Max. Output per 60 DS	4,7-34,8 l/min
Pressure ratio	14:1 - 72:1
Automatic operation	

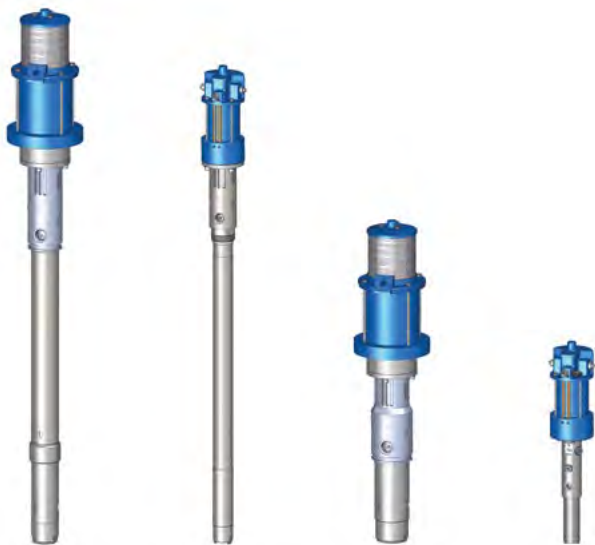
System solution for 200 liter (55 gal.) containers

One to several delivery points
<ul style="list-style-type: none"><li>• Shovel pump</li><li>• Material hose</li><li>• Maintenance unit</li><li>• Twin-post ram</li><li>• Following plate</li><li>• Airless gun or extrusion gun</li></ul>
4,7-34,8 l/min
14:1 - 72:1
Manual operation



WIWA LOW PRESSURE PUMPS

- For adhesives with low to medium viscosity
- For up to five delivery points within a short range
- Loss-free conveying of solvent-bourne adhesive



Low pressure pumps with spring-loaded packing. Version: V-cuffs								
Model	Order no.		Version	Pressure ratio	Max. Air inlet pressure	Max. Operating pressure	Weight approx.	Dimensions (mm) approx.
Output per cycle 150 cm <sup>3</sup>								
150.03,5	0641562		N	3,5:1	8 bar/116 psi	28 bar/406 psi	14,0 kg	ø 120 x 700
150.03,5	0641564		N-L	3,5:1	8 bar/116 psi	28 bar/406 psi	17,5 kg	ø 120 x 1330
150.03,5	0641563		R	3,5:1	8 bar/116 psi	28 bar/406 psi	14,0 kg	ø 120 x 700
150.03,5	0641565		R-L	3,5:1	8 bar/116 psi	28 bar/406 psi	17,5 kg	ø 120 x 1330
150.05,5	0641566		N	5,5:1	8 bar/116 psi	44 bar/638 psi	14,0 kg	ø 120 x 700
150.05,5	0641568		N-L	5,5:1	8 bar/116 psi	44 bar/638 psi	17,5 kg	ø 120 x 1330
150.05,5	0641567		R	5,5:1	8 bar/116 psi	44 bar/638 psi	14,0 kg	ø 120 x 700
150.05,5	0641569		R-L	5,5:1	8 bar/116 psi	44 bar/638 psi	17,5 kg	ø 120 x 1330
150.08	0641570		N	8:1	8 bar/116 psi	64 bar/928 psi	14,5 kg	ø 200 x 794
150.08	0641572		N-L	8:1	8 bar/116 psi	64 bar/928 psi	17,5 kg	ø 200 x 1425
150.08	0641571		R	8:1	8 bar/116 psi	64 bar/928 psi	14,5 kg	ø 200 x 794
150.08	0641573		R-L	8:1	8 bar/116 psi	64 bar/928 psi	17,5 kg	ø 200 x 1425
150.15,5	0643919		N	15,5:1	8 bar/116 psi	93 bar/1348 psi	19,0 kg	ø 200 x 794
150.15,5	0643921		N-L	15,5:1	8 bar/116 psi	93 bar/1348 psi	22,0 kg	ø 200 x 1425
150.15,5	0643918		R	15,5:1	8 bar/116 psi	93 bar/1348 psi	19,0 kg	ø 200 x 794
150.15,5	0643920		R-L	15,5:1	8 bar/116 psi	93 bar/1348 psi	22,0 kg	ø 200 x 1425

Low pressure pumps with spring-loaded packing. Version: V-cuffs								
Model	Order no.		Version	Pressure ratio	Max. Air inlet pressure	Max. Operating pressure	Weight approx.	Dimensions (mm) approx.
Output per cycle: 375 cm <sup>3</sup>								
375.03	0641574		N	3:1	8 bar/116 psi	24 bar/348 psi	27,0 kg	ø 160 x 941
375.03	0641575		R	3:1	8 bar/116 psi	24 bar/348 psi	27,0 kg	ø 160 x 941
375.03	0648496		N-L	3:1	8 bar/116 psi	24 bar/348 psi	32,0 kg	ø 160 x 1513
375.05	0641576		N	5:1	8 bar/116 psi	40 bar/480 psi	27,0 kg	ø 200 x 941
375.05	0641577		R	5:1	8 bar/116 psi	40 bar/480 psi	27,0 kg	ø 200 x 941
375.05	0648497		N-L	5:1	8 bar/116 psi	40 bar/480 psi	32,0 kg	ø 200 x 1513
375.09,5	0641578		N	9,5:1	8 bar/116 psi	76 bar/1102 psi	35,5 kg	ø 200 x 941
375.09,5	0641579		R	9,5:1	8 bar/116 psi	76 bar/1102 psi	35,5 kg	ø 200 x 941
375.09,5	0648498		N-L	9,5:1	8 bar/116 psi	76 bar/1102 psi	39,0 kg	ø 200 x 941
375.19	0646312		N	19:1	8 bar/116 psi	152 bar/2204 psi	35,5 kg	ø 314 x 1098
Output per cycle: 600 cm <sup>3</sup>								
600.03	0641580		N	3:1	8 bar/116 psi	24 bar/348 psi	33,0 kg	ø 160 x 945
600.03	0641581		R	3:1	8 bar/116 psi	24 bar/348 psi	33,0 kg	ø 160 x 945
600.06	0641582		N	6:1	8 bar/116 psi	48 bar/696 psi	33,5 kg	ø 200 x 945
600.06	0641583		R	6:1	8 bar/116 psi	48 bar/696 psi	33,5 kg	ø 200 x 945
600.12	0641584		N	12:1	8 bar/116 psi	84 bar/1218 psi	...	ø 314 x 1101
600.12	0641585		R	12:1	8 bar/116 psi	84 bar/1218 psi	...	ø 314 x 1101

Low pressure pumps with adjustable packing. Version: V-cuffs								
Model	Order no.		Version	Pressure ratio	Max. Air inlet pressure	Max. Operating pressure	Weight approx.	Dimensions (mm) approx.
Output per cycle: 150 cm <sup>3</sup>								
150.03,5	0639026		N	3,5:1	8 bar/116 psi	28 bar/406 psi	14 kg	ø 120 x 700 / short
150.03,5	0639031		N-L	3,5:1	8 bar/116 psi	28 bar/406 psi	17,5 kg	ø 120 x 1330 / long
150.03,5	0639028		R	3,5:1	8 bar/116 psi	28 bar/406 psi	14 kg	ø 120 x 700 / short
150.03,5	0639034		R-L	3,5:1	8 bar/116 psi	28 bar/406 psi	17,5 kg	ø 120 x 1330/ long
150.05,5	0638927		N	5,5:1	8 bar/116 psi	44 bar/638 psi	14 kg	ø 120 x 700 / short
150.05,5	0639032		N-L	5,5:1	8 bar/116 psi	44 bar/638 psi	17,5 kg	ø 120 x 1330 / long
150.05,5	0639029		R	5,5:1	8 bar/116 psi	44 bar/638 psi	14 kg	ø 120 x 700 / short
150.05,5	0639035		R-L	5,5:1	8 bar/116 psi	44 bar/638 psi	17,5 kg	ø 120 x 1330 / long

Low pressure pumps with spring-loaded packing. Version: V-cuffs								
Model	Order no.		Version	Pressure ratio	Max. Air inlet pressure	Max. Operating pressure	Weight approx.	Dimensions (mm) approx.
Output per cycle: 375 cm³								
375.03	0639038		N	3:1	8 bar/116 psi	24 bar/348 psi	–	ø 160 x 941 / short
375.03	0639041		R	3:1	8 bar/116 psi	24 bar/348 psi	–	ø 160 x 941 / short
375.03	0648496		N-L	3:1	8 bar/116 psi	24 bar/348 psi	–	ø 160 x 1513,5 / long
375.05	0639039		N	5:1	8 bar/116 psi	40 bar/480 psi	27,0 kg	ø 200 x 941 / short
375.05	0639042		R	5:1	8 bar/116 psi	40 bar/480 psi	27,0 kg	ø 200 x 941 / short
375.05	0648497		N-L	5:1	8 bar/116 psi	40 bar/480 psi	27,0 kg	ø 200 x 1513,5 / long
375.09,5	0639040		N	9,5:1	8 bar/116 psi	76 bar/1102 psi	35,5 kg	ø 200 x 941 / short
375.09,5	0639043		R	9,5:1	8 bar/116 psi	76 bar/1102 psi	35,5 kg	ø 200 x 941 / short
375.09,5	0648498		N-L	9,5:1	8 bar/116 psi	76 bar/1102 psi	35,5 kg	ø 200 x 1513,5 / long
Output per cycle: 600 cm³								
600.03	0639044		N	3:1	8 bar/116 psi	24 bar/348 psi	–	ø 160 x 945 / short
600.03	0639045		R	3:1	8 bar/116 psi	24 bar/348 psi	–	ø 160 x 945 / short
600.06	0638924		N	6:1	8 bar/116 psi	48 bar/696 psi	33,5 kg	ø 200 x 945 / short
600.06	0639046		R	6:1	8 bar/116 psi	48 bar/696 psi	33,5 kg	ø 200 x 945 / short
600.12	0639056		N	12:1	8 bar/116 psi	84 bar/1218 psi	–	ø 314 x 1101 / short
600.12	0639055		R	12:1	8 bar/116 psi	84 bar/1218 psi	–	ø 314 x 1101 / short

Available versions:

N = Normal version (not stainless) - short  
N-L = standard version (non-stainless) - long (for 200 l drum and standpipe)  
R = stainless version - short  
RS-L = stainless version - long (for 200 l drum and standpipe)

The designations of the pumps are made up of the output (in cm³ ) and the pressure ratio.

Low pressure pumps with spring-loaded grooved rings								
Model	Order no.		Version	Pressure ratio	Max. Air inlet pressure	Max. Operating pressure	Weight approx.	Dimensions (mm) approx.
Output per cycle: 150 cm³								
150.03,5	0643052		N	3,5:1	8 bar/116 psi	28 bar/406 psi	14 kg	ø 120 x 700 / short
150.03,5	0643054		N-L	3,5:1	8 bar/116 psi	28 bar/406 psi	17,5 kg	ø 120 x 1330 / long
150.03,5	0643053		R	3,5:1	8 bar/116 psi	28 bar/406 psi	14 kg	ø 120 x 700 / short
150.03,5	0643055		R-L	3,5:1	8 bar/116 psi	28 bar/406 psi	17,5 kg	ø 120 x 1330 / long
150.05,5	0643056		N	5,5:1	8 bar/116 psi	44 bar/638 psi	14 kg	ø 120 x 700 / short
150.05,5	0643058		N-L	5,5:1	8 bar/116 psi	44 bar/638 psi	17,5 kg	ø 120 x 1330 / long
150.05,5	0643057		R	5,5:1	8 bar/116 psi	44 bar/638 psi	14 kg	ø 120 x 700 / short
150.05,5	0643059		R-L	5,5:1	8 bar/116 psi	44 bar/638 psi	17,5 kg	ø 120 x 1330 / long
150.08	0643060		N	8:1	8 bar/116 psi	64 bar/928 psi	14,5 kg	ø 200 x 794 / short
150.08	0643061		N-L	8:1	8 bar/116 psi	64 bar/928 psi	17,5 kg	ø 200 x 1425 / long
150.08	0643034		R	8:1	8 bar/116 psi	64 bar/928 psi	14,5 kg	ø 200 x 794 / short
150.08	0643062		R-L	8:1	8 bar/116 psi	64 bar/928 psi	17,5 kg	ø 200 x 1425 / long

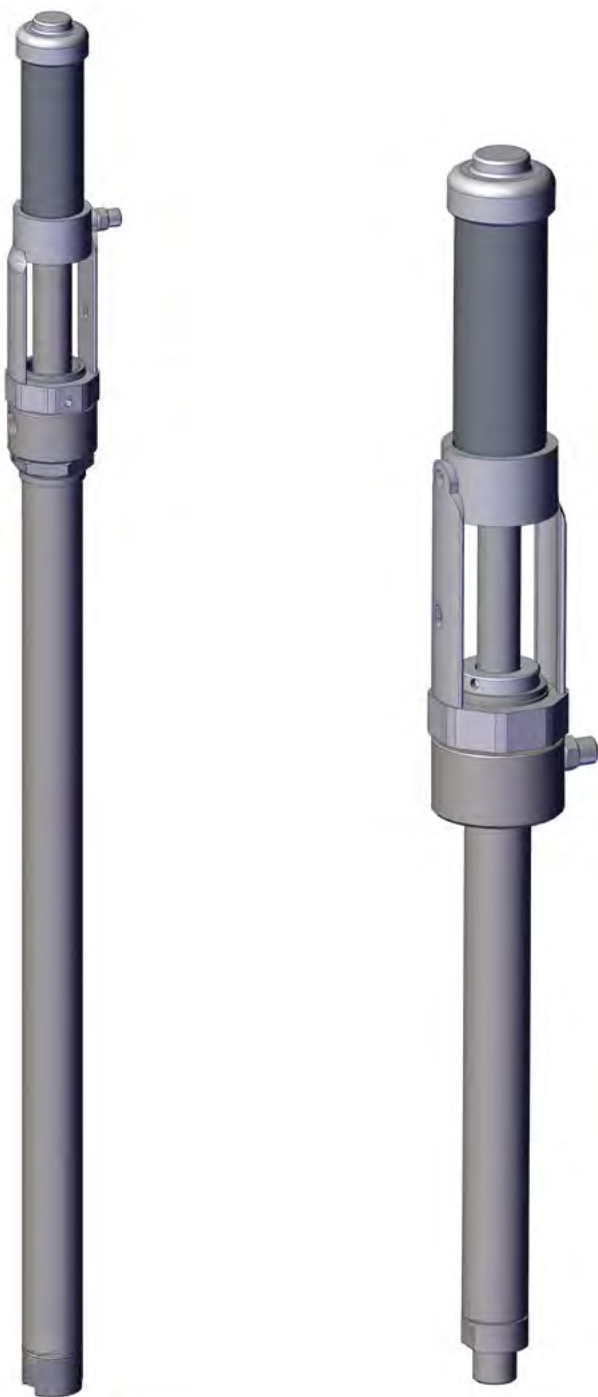
Low pressure pumps with spring-loaded grooved rings								
Model	Order no.		Version	Pressure ratio	Max. Air inlet pressure	Max. Operating pressure	Weight approx.	Dimensions (mm) approx.
Output per cycle: 375 cm³								
375.03	0643063		N	3:1	8 bar/116 psi	24 bar/348 psi	–	ø 160 x 941 / short
375.03	0643064		R	3:1	8 bar/116 psi	24 bar/348 psi	–	ø 160 x 941 / short
375.05	0643065		N	5:1	8 bar/116 psi	40 bar/480 psi	27,0 kg	ø 200 x 941 / short
375.05	0643066		R	5:1	8 bar/116 psi	40 bar/480 psi	27,0 kg	ø 200 x 941 / short
375.09,5	0643067		N	9,5:1	8 bar/116 psi	76 bar/1102 psi	35,5 kg	ø 200 x 941 / short
375.09,5	0643068		R	9,5:1	8 bar/116 psi	76 bar/1102 psi	35,5 kg	ø 200 x 941 / short
Output per cycle: 600 cm³								
600.03	0643069		N	3:1	8 bar/116 psi	24 bar/348 psi	–	ø 160 x 945 / short
600.03	0643070		R	3:1	8 bar/116 psi	24 bar/348 psi	–	ø 160 x 945 / short
600.06	0643071		N	6:1	8 bar/116 psi	48 bar/696 psi	33,5 kg	ø 200 x 945 / short
600.06	0643072		R	6:1	8 bar/116 psi	48 bar/696 psi	33,5 kg	ø 200 x 945 / short
600.12	0643073		N	12:1	8 bar/116 psi	84 bar/ 1218 psi	–	ø 314 x 1101 / short
600.12	0643074		R	12:1	8 bar/116 psi	84 bar/ 1218 psi	–	ø 314 x 1101 / short



WIWA LOW PRESSURE PUMPS RAPID SERIES 200.01, 100.02

WIWA low pressure pumps of the Rapid series for loss-free filling and Rapid 200.01, 100.02 series Pumping of all kinds of liquids.

**Pumped liquids:** emulsions, dispersions, oils, stains, varnishes, solvents, insecticides, liquid chemicals, cutting oils, formwork oils.



Low pressure pumps RAPID Series								
Model	Order no.		Version	Pressure ratio	Max. Air inlet pressure	Max. Operating pressure	Weight approx.	Dimensions (mm) approx.
Series 200.01 (Output per cycle: 200 cm³)								
200.01-K	0487899		N	1:1	8 bar/116 psi	8 bar/116 psi	5 kg	ø 80 x 777
200.01-K	0488151		N-¾	1:1	8 bar/116 psi	8 bar/116 psi	7 kg	ø 80 x 784
200.01-L	0487953		N-L	1:1	8 bar/116 psi	8 bar/116 psi	7 kg	ø 80 x 1317
200.01-K	0487929		R	1:1	8 bar/116 psi	8 bar/116 psi	5 kg	ø 80 x 777
200.01-K	0488186		R-¾	1:1	8 bar/116 psi	8 bar/116 psi	7 kg	ø 80 x 784
200.01-L	0487945		R-L	1:1	8 bar/116 psi	8 bar/116 psi	7 kg	ø 80 x 1317
Series 100.02 (Output per cycle: 100 cm³)								
100.02-K	0488569		N	2:1	8 bar/116 psi	16 bar/232 psi	4 kg	ø 80 x 773
100.02-K	0490229		N-¾	2:1	8 bar/116 psi	16 bar/232 psi	4 kg	ø 80 x 780
100.02-L	0487422		N-L	2:1	8 bar/116 psi	16 bar/232 psi	4 kg	ø 80 x 1317
100.02-K	0488607		R	2:1	8 bar/116 psi	16 bar/232 psi	4 kg	ø 80 x 773
100.02-K	0490237		R-¾	2:1	8 bar/116 psi	16 bar/232 psi	4 kg	ø 80 x 780
100.02-L	0487503		R-L	2:1	8 bar/116 psi	16 bar/232 psi	4 kg	ø 80 x 1317

i

N = Normal steel galvanized, not stainless R = Stainless steel

WIWA OIL TRANSFER PUMPS SERIES 40, 82

- For containers with 25, 30 or 60 liters capacity
- For 216 liter drum
- With a 2" bung fitting
- Pumping oils



WIWA TRANSFER PUMPS FOR WATER SERIES 75, 150

**Areas of application:** Water delivery for various applications.  
For water supply of blasting machines in wet blasting process.  
**Conveyed material:** Water-nelle spraying process.



Low pressure pump series Oil transfer pumps							
Order no.		Version	Pressure ratio	Max. Air inlet pressure	Max. Operating pressure	Weight approx.	Dimensions (mm) approx.
Output per cycle: 40 cm³							
0656759		N	4:1	8 bar/116 psi	32 bar/464 psi	7,2 kg	ø 40 x 1175,5
0656760		N	6:1	8 bar/116 psi	48 bar/696 psi	7,2 kg	ø 40 x 1175,5
Output per cycle: 82 cm³							
0656757		R	2:1	8 bar/116 psi	16 bar/232 psi	8,1 kg	ø 55 x 1181,5
0656758		R	3:1	8 bar/116 psi	24 bar/348 psi	8,1 kg	ø 55 x 1181,5

Transfer pumps for water							
Model	Order no.	Version	Pressure ratio	Max. Air inlet pressure	Max. Operating pressure	Weight approx.	Dimensions (mm) approx.
Output per cycle: 75 cm³							
75.04	0621811		R	4:1	8 bar/116 psi	32 bar/464 psi	ø 120 x 510
Output per cycle: 90 cm³							
1.370,00	0656761		RS	6:1	8 bar/116 psi	48 bar/696 psi	ø 120 x 522



N = normal steel galvanized, not stainless    R = stainless    RS = stainless steel, rust and acid resistant



WIWA DA-TRANSFER PUMPS/GLUE PUMPS

Ideal for use in paint circulation systems are the compressed air driven **WIWA low-pressure pumps**.  
For the transfer of liquid materials of all viscosities to one or several filling stations and for the conventional spraying process.

DA-TRANSFER PUMPS / GLUE PUMPS									
Model	Order no.		Version	Pressure ratio	Max. Air inlet pressure	Max. Operating pressure	Weight approx.	Dimensions (mm) approx.	Ab-messungen (mm) ca.
Output per cycle: 375 cm³									
DA 2:1	0010537		N	2:1	165 ccm	8 bar/116 psi	16 bar/232 psi	-	ø 120 x 448
DA 2:1	0013331		RS	2:1	165 ccm	8 bar/116 psi	24 bar/348 psi	-	ø 120 x 448
DA 4:1	0013358		RS	4:1	84 ccm	8 bar/116 psi	32 bar/464 psi	9,7 kg	ø 120 x 529
DA 4,5:1	0013374		RS	4,5:1	288 ccm	8 bar/116 psi	36 bar/522 psi	-	ø 151 x 668
DA 7:1	0013382		RS	7:1	41 ccm	8 bar/116 psi	56 bar/812 psi	-	ø 120 x 510
DA 9:1	0013390		RS	9:1	288 ccm	8 bar/116 psi	72 bar/1044 psi	-	ø 186 x 668
DA 10:1	0065293		N	10:1	72 ccm	8 bar/116 psi	80 bar/1160 psi	11,8 kg	ø 120 x 645



N = normal steel galvanized, not stainless    RS = stainless steel, rust and acid resistant

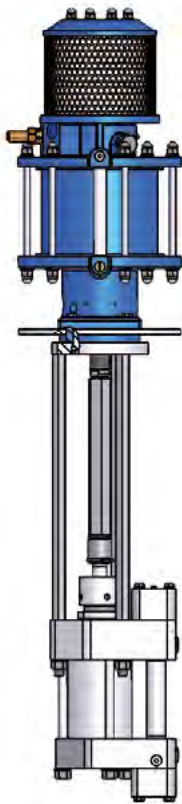
WIWA 4-BALL PUMPS

ADVANTAGES:

- High pressure ratio up to 17:1
- High output up to 1.8 l/DH
- All material-carrying parts made of stainless steel
- Fast and service-friendly maintenance

AREAS OF APPLICATION:

- Paint circulation systems
- Feed pumps
- Feed pumps
- Release agent spraying systems

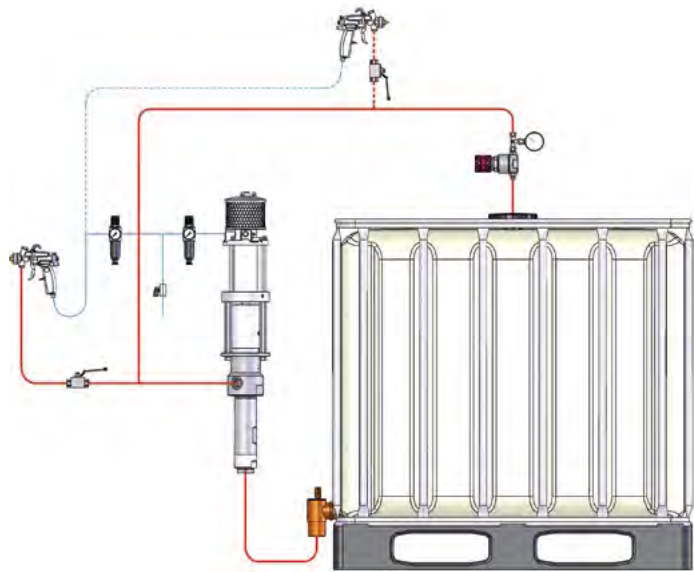
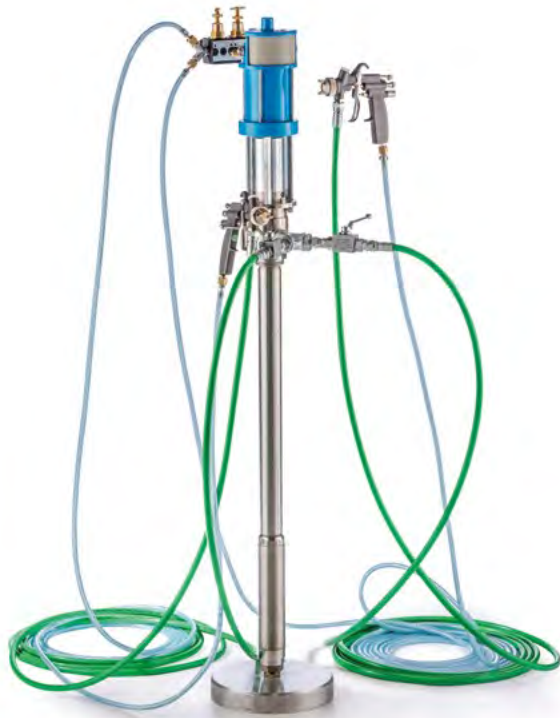


Technical Data 4-Ball pumps									
	Model 865			Model 1140			Model 1820		
Pressure ratio	4:1	11:1	22:1	3:1	8:1	17:1	2:1	4:1	11:1
Output per cycle	865 ccm	865 ccm	865 ccm	1140 ccm	1140 ccm	1140 ccm	1820 ccm	1820 ccm	1820 ccm
Air motor	140 mm	230 mm	333 mm	140 mm	230 mm	333 mm	140 mm	200 mm	333 mm
Max. Operating pressure	32 bar/464 psi	88 bar/1276 psi	176 bar/2552 psi	24 bar/348 psi	64 bar/928 psi	136 bar/1972 psi	16 bar/232 psi	32 bar/464 psi	88 bar/1276 psi
Order No.	0656175	0656174	0655114	0655040	0654171	0654237	0654619	0654624	0653283

You are looking for your own system? We will be happy to answer your questions by e-mail or in person.

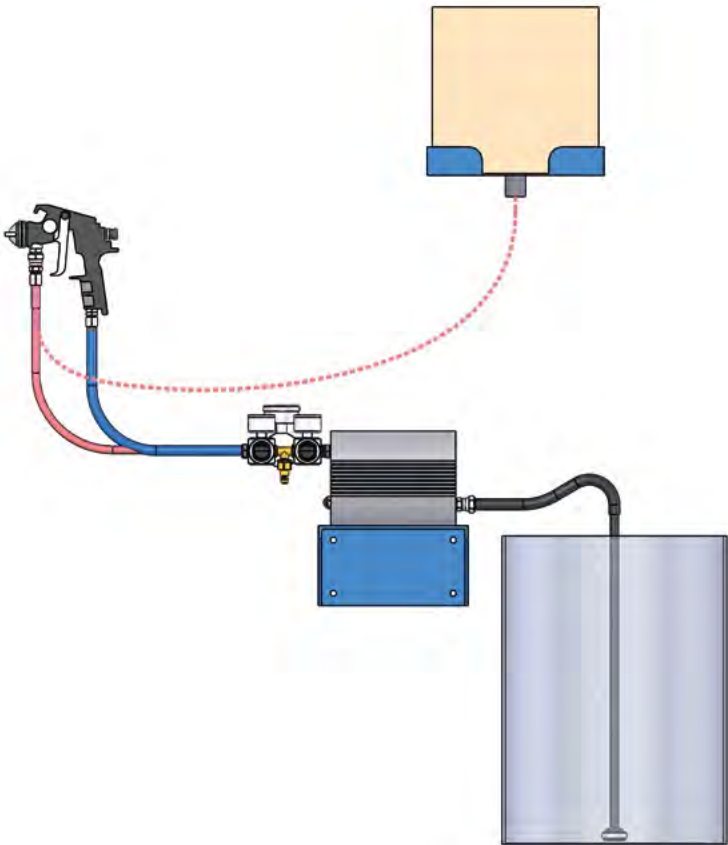


Technical Data	System solution for small containers and individual workstations	
Suitable for	One delivery point with low consumption	
Components	<ul style="list-style-type: none"><li>• LP-pump 146.1,8</li><li>• Hose package for compressed air and glue (Order No.: 0669474)</li><li>• Compressed air regulator</li><li>• Glue gun (Order No.: 0520041)</li></ul>	
Max. Output per 60 DS	8,8 l/min	
Pressure ratio	1,8:1	
Version	RS	N
Order No. Complete system:	0669685	0669761



System solution for 200 liter (55 gal.) bunghole drums				System solution for 1000 liter (265 gal.) IBC	
One to four delivery points with high consumption				<ul style="list-style-type: none"><li>• Central adhesive supply via ring line</li><li>• Up to 50 delivery points with high consumption</li></ul>	
<ul style="list-style-type: none"><li>• LP-pump 146.1,8 with connection for guns</li><li>• Hose package for compressed air and glue (Order No.: 0669474)</li><li>• Glue gun (Order No.: 0520041)</li></ul>				<ul style="list-style-type: none"><li>• LP-pump 375.05 / 600.06</li><li>• Feed hose for connection to an adhesive ring line</li><li>• Circulation regulator for constant material pressure</li><li>• Compressed air regulator</li><li>• Hose package for compressed air and glue (Order No.: 0669474)</li><li>• Glue gun (Order No.: 0520041)</li></ul>	
8,8 l/min				22,5 – 36 l/min	
1,8:1				5:1 – 6:1	
RS for 2 guns	RS for 4 guns	N for 2 guns	N for 4 guns	R with LP-Pump 375.05	R with LP-Pump 600.06
0669505	0669506	0669761	0669760	0669167	0669168



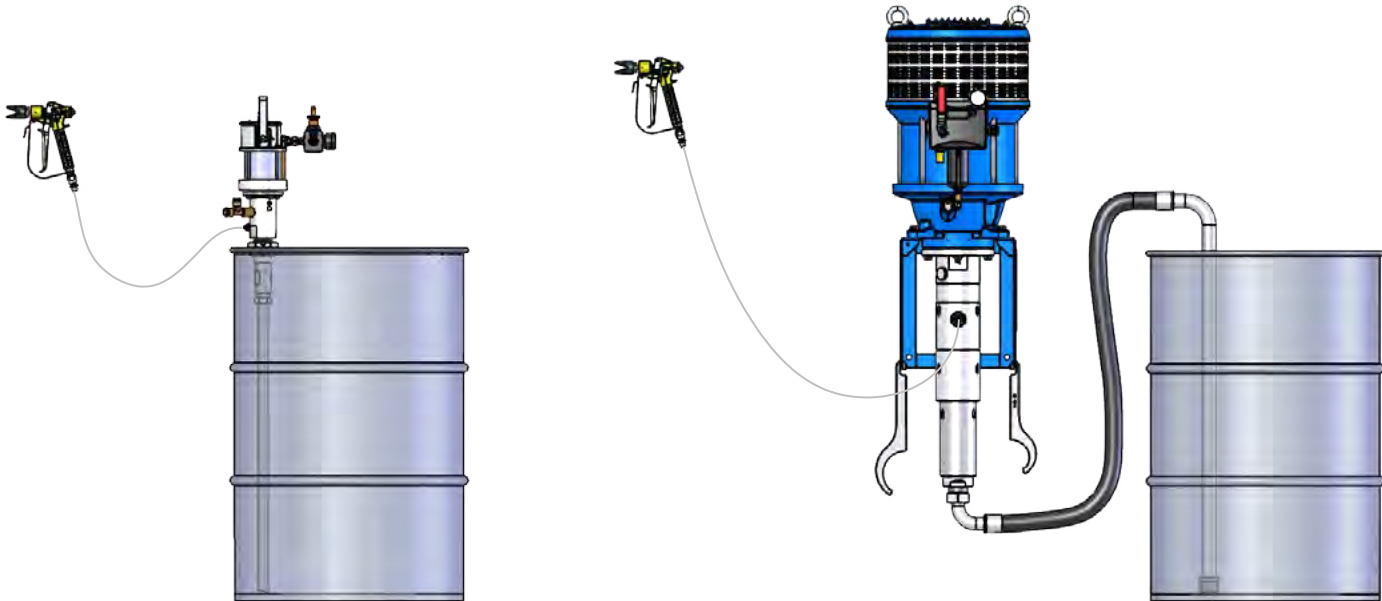
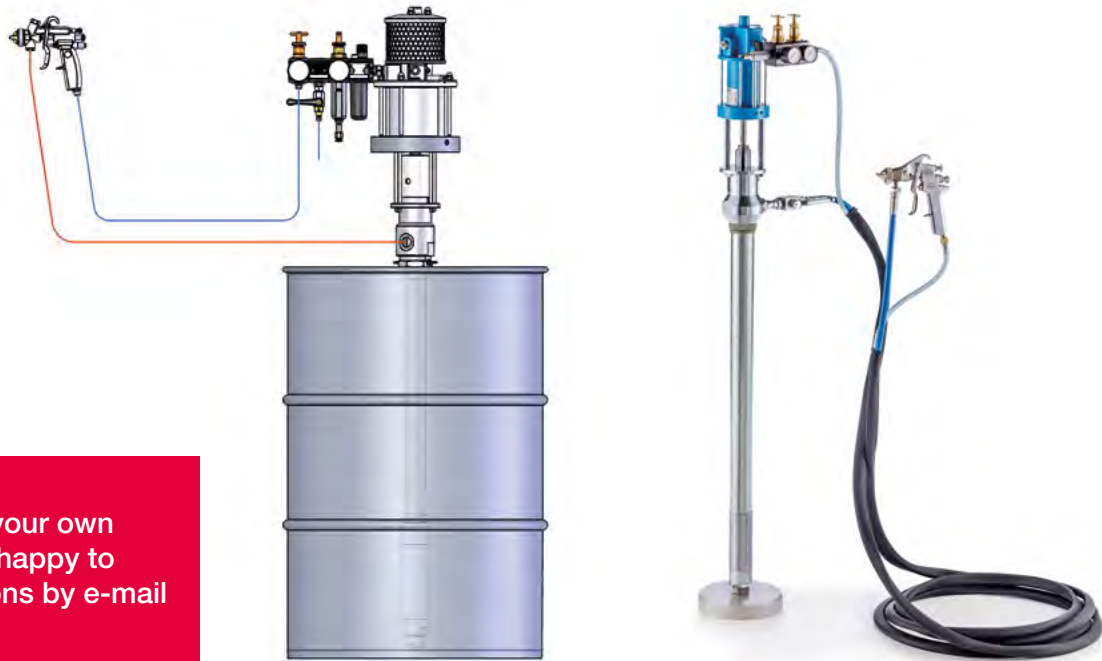


We will gladly provide you with a system according to your personal wishes. Just contact us!

Technical Data	System solution for small containers
Suitable for	One delivery point with low consumption
Components	<ul style="list-style-type: none"><li>• Diaphragm pump</li><li>• Suction kit</li><li>• Hose package for compressed air and glue</li><li>• HVLP glue gun or extrusion gun</li><li>• Optional: feed hopper or pressure pot</li></ul>
Pressure ratio	1:1
Order No.	0633924



You are looking for your own system? We will be happy to answer your questions by e-mail or in person.

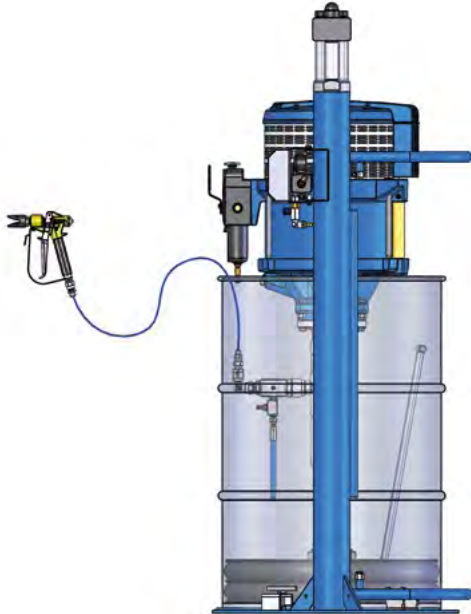
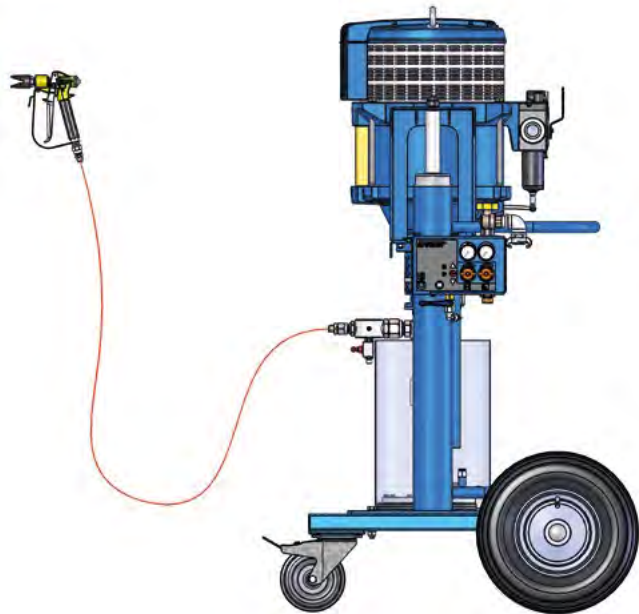
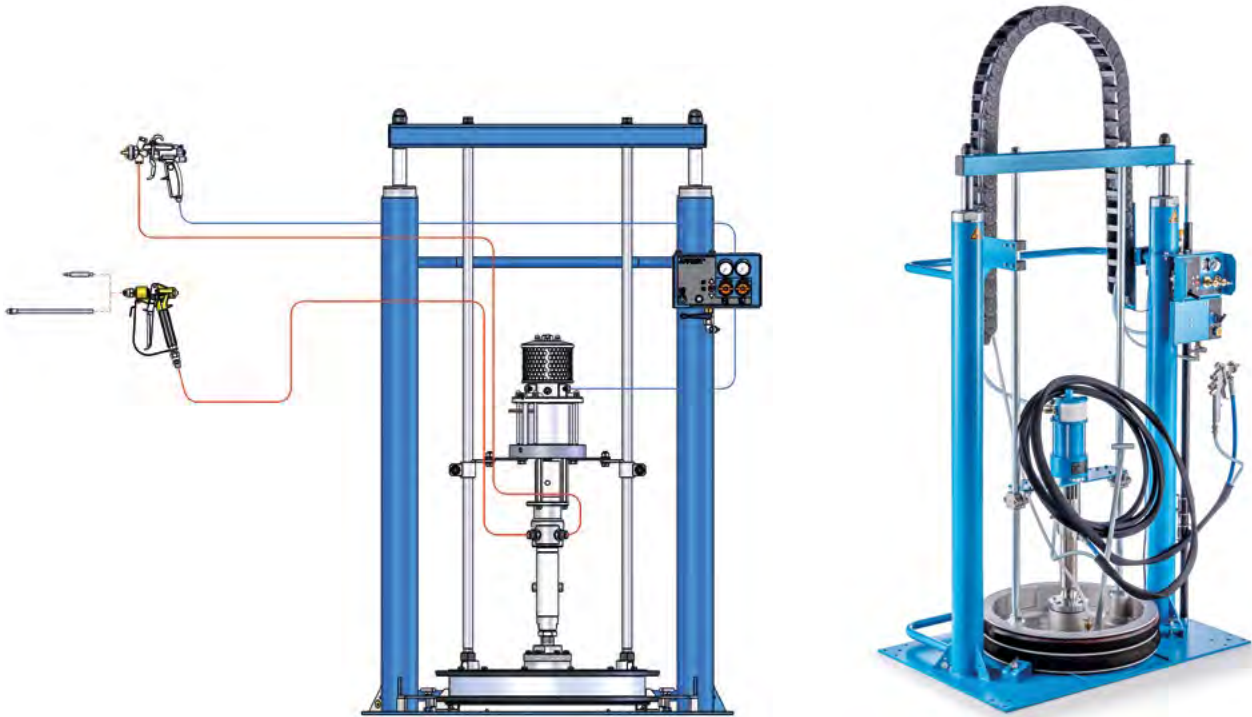


Technical Data			System solution for direct suction from a 200 liter (55 gal.) container		System solutions for 30 to 200 liter (8 to 55 gal.) containers	
Suitable for	One delivery point		One delivery point with low consumption		Several delivery points	
Components	<ul style="list-style-type: none"><li>• LP-pump 150.8 / 375.09,5</li><li>• Hose package for compressed air and glue</li><li>• Compressed air regulator</li><li>• Mastic gun</li></ul>		<ul style="list-style-type: none"><li>• HP-Pump 14.33</li><li>• Material hose</li><li>• Compressed air regulator</li><li>• Airless gun</li></ul>		<ul style="list-style-type: none"><li>• HP-Pump 275.49</li><li>• Suction kit</li><li>• Material hose</li><li>• Maintenance unit</li><li>• Airless gun</li></ul>	
Max. Output per 60 DS	9 - 22,5 l/min		0,8 l/min		16,5 l/min	
Pressure ratio	8:1 - 9,5:1		33:1		49:1	
Version	N with LP-Pump 150.8	N with LP-Pump 375.09,5	N		RS	
Order No. Complete system:	0669500	0669499	0669501		0669502	

i

N = normal steel galvanized, not stainless    RS = stainless steel, rust and acid resistant





Technical Data	System solution for 200 liter (55 gal.) containers	
Suitable for	<ul style="list-style-type: none"><li>• One to two delivery points</li><li>• Spraying or extrusion</li></ul>	
Components	<ul style="list-style-type: none"><li>• LP-pump</li><li>• Hose package for compressed air and glue with all connections</li><li>• Compressed air regulator</li><li>• Twin-post ram</li><li>• Following plate</li><li>• Mastic gun or extrusion gun</li></ul>	
Max. Output per 60 DS	9 l/min	
Pressure ratio	3,5:1 (with LP-Pumpe 150.3,5)	
Version	RS with mastic gun	R with extrusion gun
Order No. Complete system:	0669503	0669504

System solutions for small and large containers	
One to two delivery points	
<ul style="list-style-type: none"><li>• HP-Pump</li><li>• Material hose</li><li>• Maintenance unit</li><li>• Twin-post ram</li><li>• Following plate</li><li>• Airless gun</li></ul>	
16,5 l/min	
75:1	
RS (mobile)	RS (stationary)
0669497	0669498

You are looking for your own system? We will be happy to answer your questions by e-mail or in person.





## CHAPTER 04

## SPECIAL SYSTEMS

WIWA always offers customized detailed solutions, adapted to the situation on site and with the following goals: To inspire you, to save you unnecessary costs and to achieve maximum efficiency. On the following pages we show you some examples.

WIWA DOSYS Dosing unit  
WIWA Agitation Stations  
WIWA Filling and dosing systems  
WIWA High Pressure Cleaner

Page 166  
Page 170  
Page 172  
Page 174





### WIWA DOSYS M – DOSING UNIT FOR FILLERS

Optimizes your workflow an increase productivity. Realize time savings through the semi-automated mixing of filler materials based on epoxy resin, polyester fillers with peroxide hardeners and PUR fillers.

The dispense of materials at the push of a button reduces the costs of production and unnecessary loss of material. The units minimize air pockets, accelerate the flow of material supply and shorten the overall processing time.

#### ADVANTAGES

- Dosing at the push of a button
- Dosed hand application
- Extreme mixing ratios
- High viscosity materials
- Consistently good dosing and mixing quality
- Cost savings due to removal from Bulk containers
- Adjustable output
- Compact an mobile frame
- Easy to use, low maintenance required
- No electronics, components, completely pneumatic control
- Explosion-proof

#### AREAS OF APPLICATION

- Bus, train, shipbuilding, wagon building
- Interior finishing with large filler application
- Production machine beds
- Dosing tasks with defined material output for manual application

#### MATERIALS

- Filler materials
- Glue
- Sealing components

#### TECHNICAL DATA WIWA DOSYS M

Mixing ratios	1:1, 2:1, 100:3
Output per dosing operation (l/gal)	0,5/0.13
Container sizes (l/gal)	via pressure vessel 4 to 50/1 to 13





### WIWA DOSYS XL

The **WIWA DOSYS XL** 2K Dosing Unit is suitable for pumping, metering and dispersing materials which do not flow easily, e. g. adhesives, sealing compounds, mastics, insulants and high density materials, as well as all common filler materials based on epoxy resin or peroxide and PUR which can be poured or leveled.

The 2K Dosing Unit are available with fixed or variable mixing ratios, depending on the applications to suit a wide variety of Cartridge filling allows easy handling for greater distances between place of application and the dual component metering system.

#### ADVANTAGES

- Highly precise metering even when dispensing very small or large amounts
- Material savings by dispensing from large or small containers
- Environmentally friendly through less waste
- Mixing without bubbles, particularly important for filler materials, as this eliminates any further filling and grinding steps
- Time saving
- Fault-free processing
- User-friendly system

#### MATERIAL

- Filler materials based on
  - epoxy resin
  - peroxide
- PUR filler materials
- Glue
- High density materials
- Sealing compounds
- Mastic
- Insulants

#### TECHNICAL DATA DOSYS XL FIXED | VARIABLE

Pressur ratio	up to 54:1
Mixing ratio	100:100 up to 100:1
Output per cycle (cm³)	max. 1945   1341
Maximum operating pressure (bar/psi)	250/3625
Max. air inlet pressure (bar/psi)	8/116

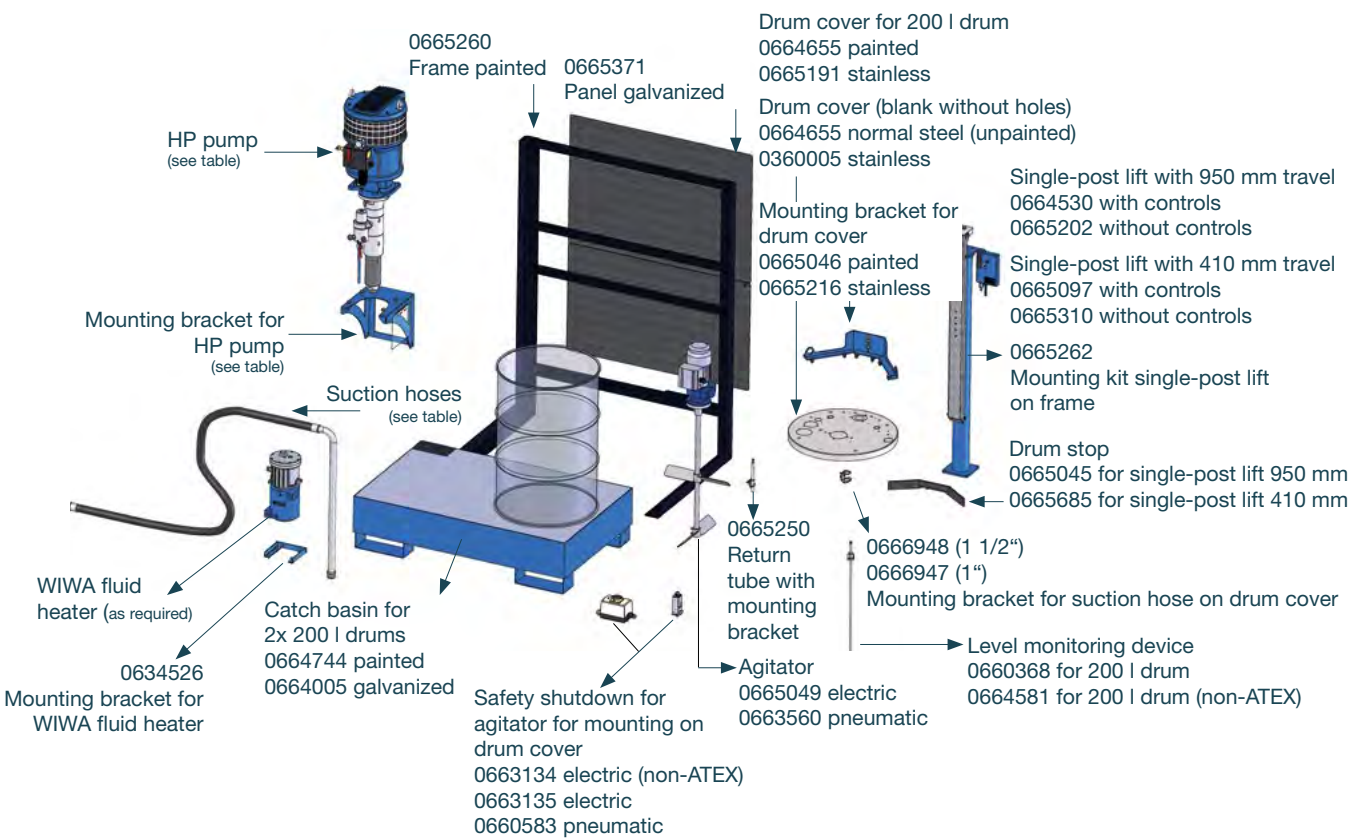




WIWA AGITATING STATION FOR DIVERSE MIXING TASKS

Many products separate during storage, which makes processing of the material no longer possible. The **WIWA** **agitating station** is designed for mixing and stirring of coating materials or similar materials. The product is converted into a homogeneous mixture which can then be processed as usual.

With a WIWA **agitating station**, in combination with a suitable WIWA **airless unit**, an optimal material transport can be achieved. Color, gloss, structure and other product characteristics are retained in the original quality and ensure a top result. ATEX versions are available on request.



ATTACHMENT PARTS FOR HIGH-PRESSURE PUMPS\* ON THE AGITATOR STATION

Order No.	HP pump R	Pump mounting bracket	Suction pipe holder for drum cover	Suction hose	Suction hose length
0641421	40.52	0665840	0665328	0665842 NW20 w/ sieve	2.2 m
0641425	72.32	0665840	0665328	0665842 NW20 w/ sieve	
0639296	235.32	0665333	0665328	0652417 NW32 w/ sieve	
0639179	138.71	0665333	0665328	0659992 NW25 w/ sieve	
0660363	189.71	0660454	0665328	0659133 NW25 w/ sieve	
0660365	360.37	0660454	0665328	0652417 NW32 w/ sieve	

\* Other high-pressure pumps on request.





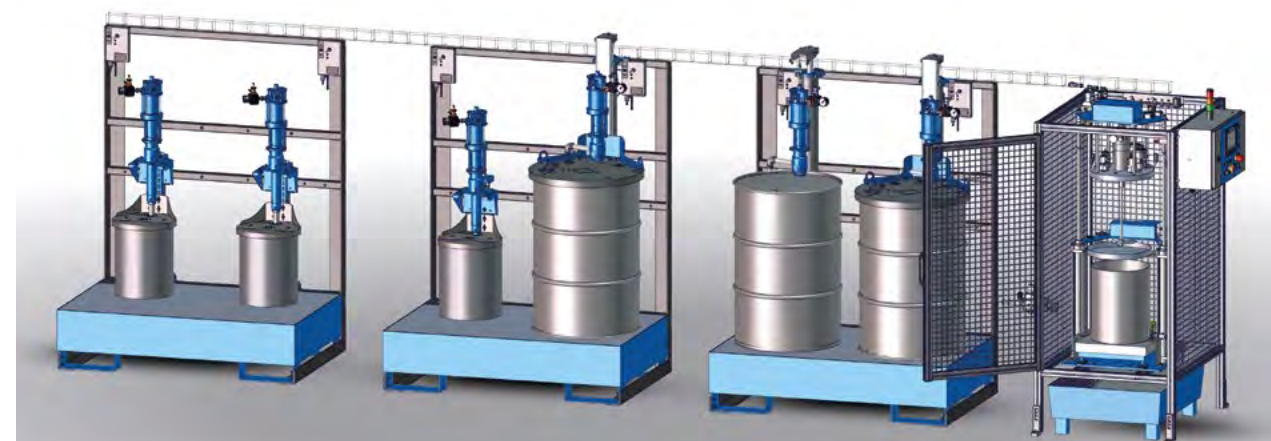
### WIWA FILLING AND DOSING SYSTEMS

**WIWA filling and dosing systems** minimize material losses through manual mixing and replace them with a fully automatic, computer-aided program with maximum mixing accuracy.

The evaluation of process efficiency, incl. quantities applied with batch data and speed application, is always possible via the optionally available Data Logger. The implementation of up to 10 material components, 10 recipes and individual fill quantities from 3 kg to 25 kg (6,6 lbs to 55,1 lbs) guarantees flexibility.

Easy-to-use, high-precision dosing, efficient use.

If you have any questions about the use of our equipment and units, we will be happy to answer them in a personal conversation.





## WIWA HIGH PRESSURE CLEANER

The clean cost reducer.



### HIGH PRESSURE CLEANER

Whether small areas or large areas are to be pretreated or cleaned, or whether one or two lances are to be used at the same time - the **WIWA HIGH PRESSURE CLEANER** covers a wide range of applications.

Through the combination of high pressure and finest atomization as well as suitable additives, greases, oils and resins as well as rust can be removed very effectively. Areas that are difficult to access, such as profiles, angular constructions and pipes of various diameters, are easy to clean with the unique swivel nozzle.

The advantages are obvious: the often increased material costs in corrosion protection due to the contamination of the blasting material by falling rust particles during the substrate pre-treatment by means of sandblasting can be drastically reduced by using the **WIWA HIGH PRESSURE CLEANER**, because the prior cleaning allows the cleaning allows multiple use of the blasting material.

### AREAS OF APPLICATION

Offshore projects, Oil and gas industry, Petro industry, Chemical industry, Ships and shipyards, Building and roof renovation, Mining industry, Food industry, Construction machinery, Conveyor systems, Structural sanitation



HIGH PRESSURE CLEANER SERIES - OVERVIEW

Available versions (material of the parts in contact with the material)  
RS = Stainless steel rust and acid resistant

Available pump mounts  
Chassis (F)

Common components in basic equipment  
High pressure pump, maintenance unit, safety valve, suction line with suction strainer, bottle of release agent, bottle of pneumatic oil, operating manual with spare parts list

Technical Data HIGH PRESSURE CLEANER Series				
Model	Pressure ratio	Output per cycle	Max. air inlet pressure	Max. operating pressure
60012 RS/F-ASL	12:1	600 ccm	7 bar/101 psi	84 bar/1218 psi
230027 RS/F-ASL	27:1	360 ccm	8 bar/116 psi	216 bar/3132 psi
270049 RS/F-ASL	49:1	275 ccm	5 bar/72 psi	245 bar / 3553 psi
333037 RS/F-ASL	37:1	550 ccm	6,5 bar/942 psi	240,5 bar/3488 psi
60001 RS/F-ASL (hydraulic)	1,7:1	550 ccm	Max. oil inlet pressure 145 bar/2103 psi	247 bar/3582 psi

Order Numbers HIGH PRESSURE CLEANER Series					
Model	60012 RS/F-ASL	230027 RS/F-ASL	270049 RS/F-ASL	333037 RS/F-ASL	60001 RS/F-ASL (hydraulic)
Order No.	0665428	0665429	0665447	0665448	0665449

i

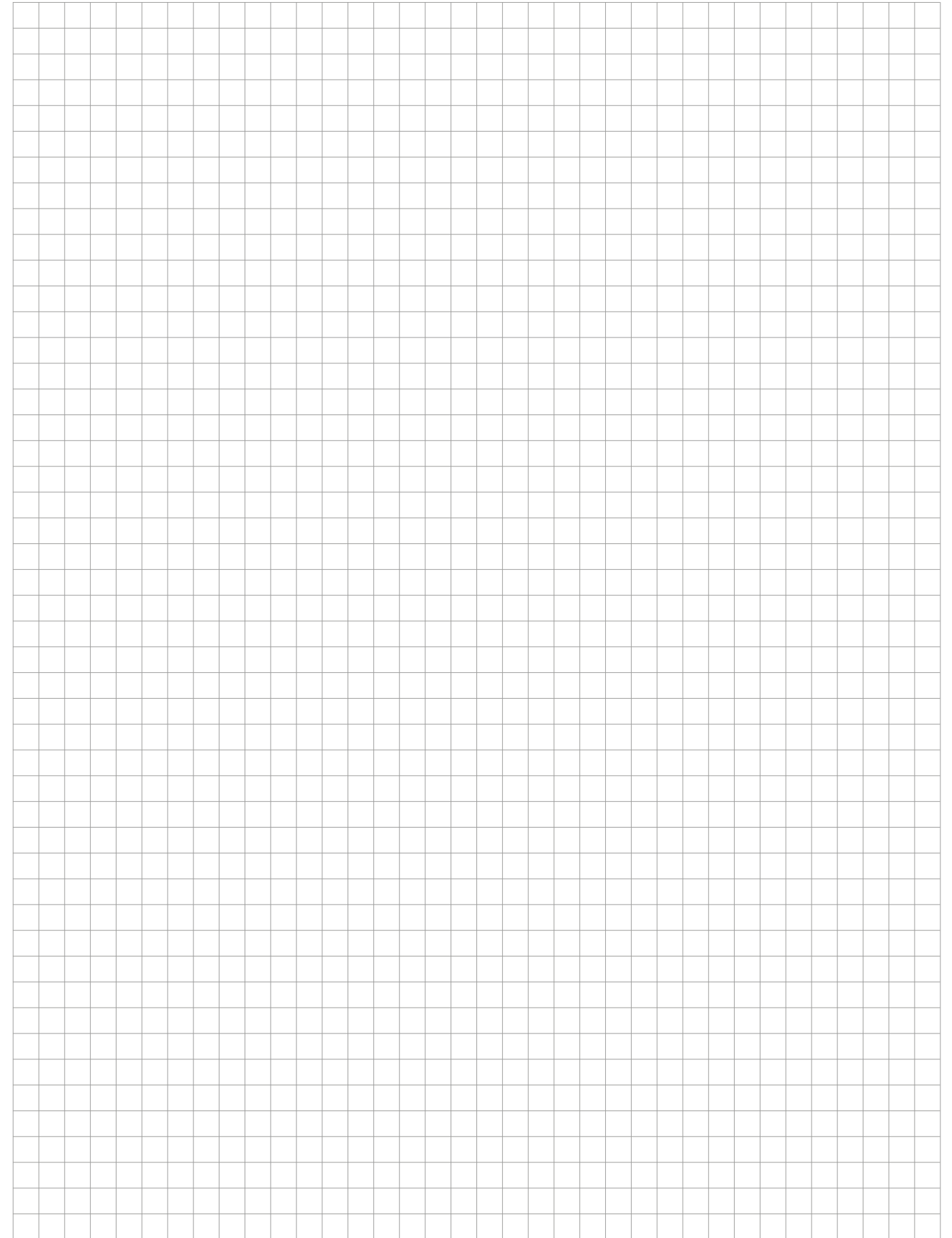
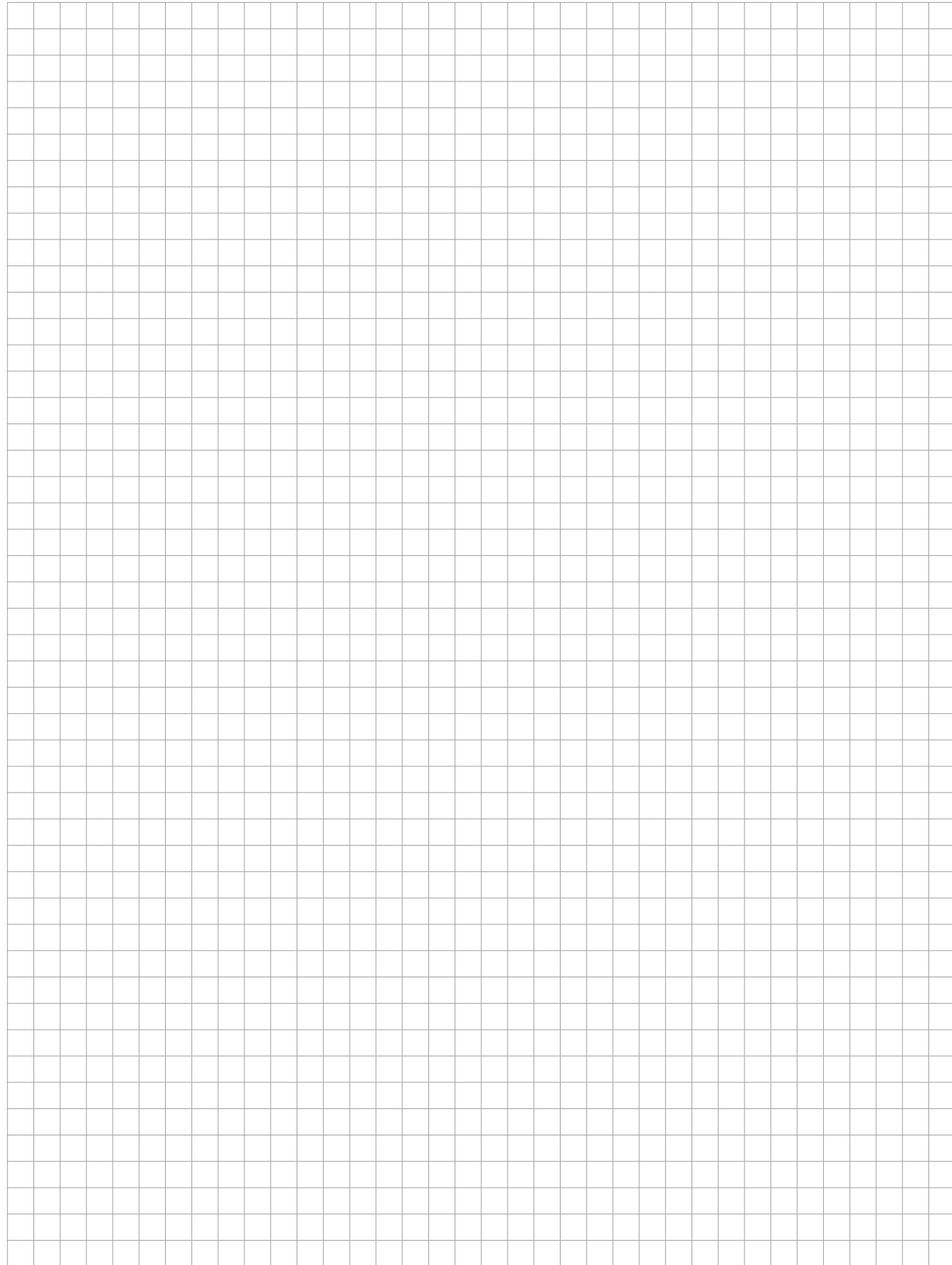
RS = Edelstahl, rost- und säurebeständig  
ASL = Suction line

Sealing and repair kits HIGH PRESSURE CLEANER Series					
Model	Drive	Order number for sealing kit		Order number for repair kit	
		Air motor	Materialpump	Air motor	Materialpump
333037	pneumatic	0663594	0660201	0663595	0665414
270049	pneumatic	0660412	0658878	0660411	0665415
230027	pneumatic	0664886	0660203	0664887	0664809
60012	pneumatic	0639057	0665218	0660875	0665219
60001	hydraulic	0665713	0660201	—	0665414

Accessories - HIGH PRESSURE CLEANER Series			
Name	Order No.		Description
Pulsation damper N	0665468		Attachment kit membrane accumulator 0,7 l - 210 bar/3.045 psi (Prepressure 40 bar/580 psi) for high pressure cleaner
Foam injection with change nozzle	0665689		Foam injection for high pressure cleaner complete G3/8 I, G3/8 A, Ø1,8 mm
Automatic hose reel steel painted	0665466		Hose reel attachment kit with hose reel
Automatic hose reel RS	0668550		Hose reel attachment kit with hose reel
Hochdruckreiniger Pistole	0665724		High pressure cleaner gun complete with material hose and receptacle 280 bar/4.061 psi

Accessories - HIGH PRESSURE CLEANER Series				
Order No.		Description	Spray angle	Nozzle size
0665787		Nozzle high pressure cleaner D009 - 1/4“ AG - Spot spray	0°	009
0665784		Nozzle high pressure cleaner D2512 - 1/4“ AG - Flat spray	25°	012
0665788		Nozzle high pressure cleaner D1515 - 1/4“ AG - Flat spray	15°	015
0665785		Nozzle high pressure cleaner D2515 - 1/4“ AG - Flat spray	25°	015
0665786		Nozzle high pressure cleaner D2520 - 1/4“ AG - Flat spray	25°	020
0665789		Nozzle high pressure cleaner D1540 - 1/4“ AG - Flat spray	15°	040
0665783		Nozzle high pressure cleaner M20125 - 1/4“ AG - Flat spray	20°	125







## PROTECTIVE COATINGS

For bonding and sealing, as well as conveying highly viscous materials, speed and precision are particularly important.

With the robust and user-friendly systems designed by WIWA, these applications can be achieved easily. Custom solutions are also possible to meet individual customer requirements. Let our expertise benefit you in ensuring the reliability of your process and enable trouble-free, pinpoint application.

**Coatings can perform various functions for surfaces they are applied upon.**

From forming a protective layer to providing a decorative finish, they reimagine the surface's face and characteristics. Protection from weathering, defense against mechanical stress and even performance as a flame and fire retardant are all possible functions coatings can provide as they maintain the value of the coated object. WIWA equipment and systems provide the perfect finish you are looking for. 70 years of expertise in applying paint, varnish, stain and industrial coatings are proof of the quality and professionalism that goes into our products, giving peace of mind even under the most difficult application conditions.



## EXTRUSION / MATERIAL HANDLING



[WWW.WIWA.COM/NEWSLETTER](http://WWW.WIWA.COM/NEWSLETTER)

**The WIWA website leaves no questions unanswered**

On our website you will find all three WIWA business units Protective Coatings, Injection/Building Protection and Extrusion/Material Handling. So that you do not miss any WIWA news, you can also register there for our WIWA News newsletter.

If you have any questions, you have the possibility to contact a WIWA employee directly via chat.



PROTECTIVE  
COATINGS

INJECTION /  
BUILDING  
PROTECTION

EXTRUSION /  
MATERIAL  
HANDLING

SPECIAL  
SYSTEMS

COMPLETE  
PRICE LIST



WIWA Wilhelm Wagner GmbH & Co. KG

**in** WIWA Wilhelm Wagner GmbH & Co. KG

@wiwa\_airless\_global\_hq

+49 (0) 6441 609-0

sales@wiwa.de

Headquarters and Production Germany  
WIWA Wilhelm Wagner GmbH & Co. KG  
Gewerbestraße 1-3  
35633 Lahnau  
Telefon: +49 (0) 64 41 / 6 09-0  
www.wiwa.com

#### Дистрибьютор в России

ООО "Хоммал"

350059, г. Краснодар, ул. Уральская 134

Телефон: +7(861)242-99-97

Бесплатный звонок: +7(800)234-09-94

info@wiwa-russia.ru

www.wiwa-russia.ru

