



WIWA DUOMIX PU 540
WIWA DUOMIX PU HYDRAULIC
WIWA PU GUN 4040

WIWA DUOMIX PU 540-HIGH COVERAGE



WIWA DUOMIX PU 540 on cart



WIWA DUOMIX PU 540 with feed pumps



The layout of the **WIWA DUOMIX PU 540** is clearly structured to allow the user to work quickly and comfortably. The control panel was deliberately kept simple.

The new design of the dosing pumps allows a further improved material flow. The wear of moving parts was thereby considerably reduced.

>> Changing the mixing ratio is a matter of minutes by simplified exchange of the material pumps. More than 200 different mixing ratios can be achieved in this way. <<

The newly designed, exceptionally efficient heater is based on proven and patented technology for gentle material heating. Only the exact quantity required of each individual component is brought quickly and economically to processing temperature.

The increased volume output of the **WIWA DUOMIX PU 540** is ideally suited for high-build and high-coverage applications. The latest aspects of the EU machine directives have been incorporated in the design in order to ensure the highest safety standard. Two feed pump versions are available, diaphragm pumps and newly developed piston pumps, which can be easily transported and stored in the integrated holders.

A wheel kit converts the standalone frame to a rolling chassis in minutes.

The **WIWA DATALOGGER** is an ideal supplement for quality management. All processing parameters, setting values and the alarm history can be read and saved via Wi-Fi with the help of commonly available smartphones, tablets or PCs.

Application areas

- Wastewater treatment plants
- PU tank coatings and linings
- Pipes and pipe systems
- Manholes and sewers
- Floors and parking decks
- Rail vehicles and track bed coverings
- Fuel storage and vapor retention systems
- Desalination plants
- Roof coating
- Biogas reactors and sewage treatment plants
- Flat roof sealing
- and many more...

TECHNICAL SPECIFICATIONS WIWA DUOMIX PU 540	
Mixing ratio	1:1*
Output/cycle	264 cm ³
Pressure ratio	31:1
Output at 60 cycles	15,8 l/min
Max. air inlet pressure	8 bar
Material flow heating	12 kW
Hose package heating	47 W/m
Hose length max.	138 m
Voltage / phase	230 - 400 V/3 P
Max. power consumption	18,5 kW
Max. operating pressure	247 bar
Weight	210 kg

Description	Order no.
DUOMIX PU 540 (without accessories)	
230V, 3-phase, 50/60Hz	0665041
400V, 3-phase, 50/60Hz	0664250
DUOMIX PU 540 incl. 18 m hose package and PU4040 spray gun	
230V, 3-phase, 50/60Hz	0665040
400V, 3-phase, 50/60Hz	0664300

*others on request



Optional accessories:

- Hose rack
- Holder for feed pumps
- Wheel kit
- WIWA DATALOGGER
- Feed pump 146.03.7 N/L with connecting hose
- 1/2" diaphragm pump with connecting hose

WIWA DUOMIX PU HYDRAULIC - ENERGY SAVER MODE STANDARD



WIWA DUOMIX PU HYDRAULIC



WIWA DUOMIX PU HYDRAULIC -
with hose rack



WIWA DUOMIX PU HYDRAULIC -
with holders for the feed pumps

The simple control panel provides ease of operation and conforms to the EU Machine Directive with regard to the safety shut-off requirement.

The new material pump design provides enhanced flow, resulting in longer life of the wear parts, while the mixing ratio can be changed in a matter of minutes by replacing the material pumps. Over 200 mixing ratios can be set up this way. The machine is very quiet and there is no pulsation.

The new, redesigned, exceptionally economical material heaters are based on our latest technology. The exact amount of material to be processed is heated in the most efficient way and in the shortest possible time. Additionally the unit has a built-in energy saving mode engaging an automatic stop/start function during ongoing work or you can make use of a programmed period/shift.

Feed pumps can be conveniently stored on the frame ready for use. The design provides the possibility to choose between pumps; diaphragm pumps or our newly designed piston pumps.

Changing from a stationary to a mobile unit can be accomplished in a matter of minutes with the accessory wheel kit.

The unit can be equipped with the [WIWA DATALOGGER](#) which will provide you with the widest range of equipment activity data, assisting you in further optimizing and refining your production process.

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- and many more...

TECHNICAL SPECIFICATIONS WIWA DUOMIX PU HYDRAULIC	
Mixing ratio	1:1
Output per cycle	194 cm ³
Max. application rate	6,6 l/m
Max. fluid heater rating	12 kW
Heat output of hose package	47 W/m
Hose length max. at 400 V	138 m
Hydraulic power rating	4 kW / 5Ps
Voltage / phases	230 - 400 V/3 P
Max. power consumption	23 kW
Max. operating pressure	250 bar
Weight	350 kg

Description	Order no.
DUOMIX PU HYDRAULIC Bare Pumps	
230V, 3-phase, 60Hz	0664247
380V, 3-phase, 60Hz	0664258
*400V, 3-phase, 50Hz	0664150
DUOMIX PU HYDRAULIC Pumps incl. 60 ft. Hose Package, PU4040 Spray Gun	
230V, 3-phase, 60Hz	0664421
380V, 3-phase, 60Hz	0664200
*400V, 3-phase, 50Hz	0664210

Important Note: WIWA Duomix PU Hydraulic in standard version is 50Hz. 60Hz Version up on request.

*400V versions require both neutral and ground electrical connections (5 wires total) to function properly.



Optional accessories:

- Hose rack
- Holder for feed pumps
- Wheel kit
- WIWA DATALOGGER
- Feed pump 146.03.7 N/L with connecting hose
- 1/2" diaphragm pump with connecting hose

WIWA PU GUN 4040

THE SPRAY GUN FOR APPLICATION OF PUR FOAM AND POLYUREA



WIWA PU GUN 4040 automatic gun



WIWA PU GUN 4040 manual gun



Sturdy case

The newly developed WIWA PU GUN 4040 is a further addition to our large program of innovative PU application equipment. This pneumatic operated spray gun is based on the impingement mixing technique.

The poly and iso components exit spray tips directly into the mixing chamber at a pressure of upto 250 bar. The streams contact directly in front of the tips, immediately mixing the material without the need for a static mixer. Through a simple exchange of mixing chamber and tips, the output can be adjusted to meet any customer requirements.

IN DETAIL

The numerous practical features and the possibility to adjust the PU gun quickly and easily for different application requirements makes it the perfect tool for professional use. The PU GUN 4040 is not only a model of technical innovation, but also excellent ergonomics.

The low weight of the gun, the optimized grip design and the variable arrangement of the fluid hose

connections guarantee fatigue free operation for the coating of even the largest surfaces.

THE AUTOMATIC GUN

In addition to manual operation, the spray gun can also be used in an automatic coating system by simply replacing the handle with an optional adapter for pneumatic operation.

OPTIONAL EQUIPMENT

- Protective cover
- Adapter for automatic operation
- Flushing arrangement
- Mixing chambers
- Round stream tips
- Flat stream tips
- Various connections

TECHNICAL SPECIFICATIONS PU GUN 4040 manual gun		PU GUN 4040 manual gun
Max. operating pressure	250 bar	250 bar
Max. air inlet pressure	8 bar	8 bar
Max. temperature	100 °C	100 °C
Capacity	1,2 - 22 kg/min	1,2 - 22 kg/min
Dimensions (LxWxH)	160x87x200 mm	100x70x292,5 mm
Weight (approx.)	1,5 kg	1,25 kg

STANDARD EQUIPMENT	WIWA PU GUN 4040 manual gun	WIWA PU GUN 4040 automatic gun
Standard version Mixing chamber with round stream tips (7 kg /min / 18 lb/min) Suction strainer Mesh 60	0658151	
Standard version Mixing chamber with round stream tips (7kg /min / 18 lb/min) Suction strainer Mesh 60		0658808

STANDARD EQUIPMENT

- Tool kit
- Grease pump
- Twist drill kit
- Protective cover
- Sturdy case

PRODUCT RANGE

WIWA's extensive product range includes 1K, 2K and 3K application equipment for painting, coating and bonding in the machinery and vehicle manufacturing industries and for large surface, high viscosity and high build coatings used in the marine and offshore industries and steel and masonry construction for corrosion-proofing, surface sealing and passive fire protection.



WIWA FLEXIMIX 2 electronic plural component spray equipment



WIWA DUOMIX, pneumatic plural component spray equipment



WIWA DUOMIX PU HX, hydraulic plural component spray equipment



WIWA DUOMIX 333 PFP ATEX, for intumescent fire protection material



WIWA HERKULES 333 GX, single feed (airless) spray equipment



WIWA VULKAN, pneumatic extrusion equipment



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