



# WIWA DUOMIX PU 540

PROTECTING – SEALING – INSULATING

# WIWA DUOMIX PU 540-PROTECTING – SEALING – INSULATING

The WIWA DUOMIX PU 540 is another new addition to the DUOMIX PU series. This pneumatic, compact, mobile and versatile system processes almost all polyurethane foams and fast reacting polyureas.

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 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 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 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...

## 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

TECHNICAL SPECIFICATIONS	
Mixing ratio	1:1 (others on request)
Pressure ratio	31:1
Output/cycle	264 cm <sup>3</sup>
Output at 60 cycles	15,8l/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	400V/3 P
Power consumption	16,5 kW
Max. operating pressure	248 bar
Weight	210 kg

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

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