

POWERTEC PRO

TWO-TANK CLEANING SYSTEM
WITH LIFTING GATE OR HINGED LID



**MAIN
APPLICATION
AREAS:**

- Automotive
- Suppliers
- Paint preparation
- Engine production
- Gear making



EQUIPMENT CHARACTERISTICS:

- Two-tank cleaning system
- Highly efficient and powerful Grundfos pumps IE3/IE4/IE5
- All components in contact with fluid in stainless steel
- Return line filtration
- Siemens Safety S7-1200F controller with a KTP 400 colour display and push buttons
- Screwed flat jet nozzles

RECOMMENDED ACCESSORIES:

- Vapour extraction unit
- Level control with float switch
- Maintenance lids
- Dosing unit mechanical
- Three-phase oil separator
- Cascading control PRO
- TP 700 colour display with push buttons

BUPI CLEANER® POWERTEC PRO

TWO-TANK CLEANING SYSTEM WITH LIFTING GATE OR HINGED LID

OVERALL DIMENSIONS APPROX. (WITHOUT ADDITIONAL EQUIPMENT)	SIZE 3	SIZE 4	SIZE 5	SIZE 7
Width	1,930 mm	2,200 mm	2,550 mm	3,100 mm
Depth	1,345 mm	1,600 mm	1,930 mm	2,470 mm
Total depth with extended roller carriage	2,210 mm	2,530 mm	3,120 mm	3,935 mm
Total height	2,075 mm	2,075 mm	2,235 mm	2,410 mm
Total height with open loading gate	2,685 mm	2,685 mm	3,100 mm	3,360 mm
Transfer height (upper edge grating)	865 mm	875 mm	875 mm	925 mm
Effective height (from upper edge roller carriage)	700 mm	700 mm	900 mm	1,000 mm
Grating – square, with bevelled outer corners	900 mm	1,060 mm	1,400 mm	1,700 mm
Grating – diagonal between bevelled corners	1,080 mm	1,335 mm	1,670 mm	2,250 mm
Load weight (payload) standard	700 kg	900 kg	1,200 kg	1,500 kg
Load weight (payload) max.	1,500 kg	1,500 kg	2,500 kg	3,000 kg
Total system weight	900 kg	1,100 kg	1,700 kg	2,000 kg

POWER SUPPLY (WITHOUT ADDITIONAL EQUIPMENT)				
Voltage (three-phase)	400 V	400 V	400 V	400 V
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Control voltage	24 VDC	24 VDC	24 VDC	24 VDC
Installed load	25 kW	37 kW	46 kW	75 kW
Maximum current drain	36 A	53 A	67 A	109 A

SPRAY CLEANING SYSTEM – CLEANING/RINSING				
Spray pressure at the nozzles	4.6/4.2 bar	4.6/4.2 bar	5.0/4.8 bar	5.8/4.4 bar
Number of mounted flat jet nozzles	52/42 pcs.	58/42 pcs.	74/52 pcs.	95/77 pcs.

PUMP DATA – CLEANING/RINSING				
Circulation rate	15.8/11.2 m³/h	15.8/11.2 m³/h	21/14.7 m³/h	29.2/16.9 m³/h
Pumping head in mWS	47.0/43.0 mWS	47.0/43.0 mWS	50.7/48.5 mWS	58.5/45.0 mWS
Pumping head in kPa	470/430 kPa	470/430 kPa	507/485 kPa	585/450 kPa
Pump motor	4.0/2.2 kW	4.0/2.2 kW	5.5/4.0 kW	7.5/4.0 kW

ELECTRIC HEATER – CLEANING/RINSING				
Capacity tanks	250/250 l	340/340 l	500/500 l	800/800 l
Power electric heaters	9.0/9.0 kW	15.0/15.0 kW	18.0/18.0 kW	31.5/31.5 kW
Treatment temperature adjustable	0–80° C	0–80° C	0–80° C	0–80° C
Warm-up period of the tanks from 15 to 70° C	approx. 2 hours	approx. 2 hours	approx. 2 hours	approx. 2 hours



For further information, visit

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