

# POWERTEC PREMIUM

THREE-TANK CLEANING SYSTEM  
WITH LIFTING GATE OR HINGED LID



## MAIN APPLICATION AREAS:

- Automotive
- Medical technology
- Fine cleaning
- Traffic technology industry
- Aerospace industry



## EQUIPMENT CHARACTERISTICS:

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

## RECOMMENDED ACCESSORIES:

- Vapour extraction unit
- Level control with tuning fork switch
- Maintenance lids
- Dosing unit electrical
- Three-phase oil separator
- Cascading control PREMIUM
- Micro filter in the pressure line
- Hot-air dryer
- Viewing window and system lighting
- TP 700 colour display with push buttons

# BUPI CLEANER® POWERTEC PREMIUM

## THREE-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	1,770 mm	2,010 mm	2,475 mm	3,145 mm
Total depth with extended roller carriage	2,635 mm	2,930 mm	3,665 mm	4,610 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	1,200 kg	1,400 kg	2,100 kg	2,500 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	32 kW	47 kW	59 kW	91 kW
Maximum current drain	47 A	68 A	95 A	132 A

SPRAY CLEANING SYSTEM – CLEANING/RINSING/FINAL RINSE				
Spray pressure at the nozzles	4.6/4.2/2.7 bar	4.6/4.2/2.7 bar	5.0/4.8/2.9 bar	5.8/4.4/2.7 bar
Number of mounted flat jet nozzles	52/42/23 pcs.	58/42/25 pcs.	74/52/33 pcs.	95/77/39 pcs.

PUMP DATA – CLEANING/RINSING/FINAL RINSE				
Circulation rate	15.8/11.2/2.31 m <sup>3</sup> /h	15.8/11.2/2.31 m <sup>3</sup> /h	21/14.7/3.56 m <sup>3</sup> /h	29.2/16.9/4.07 m <sup>3</sup> /h
Pumping head in mWS	47.0/43.0/27.2 mWS	47.0/43.0/27.2 mWS	50.7/48.5/29.1 mWS	57.5/45.0/27.9 mWS
Pumping head in kPa	470/430/272 kPa	470/430/272 kPa	507/485/291 kPa	575/450/279 kPa
Pump motor	4.0/2.2/0.37 kW	4.0/2.2/0.37 kW	5.5/4.0/0.75 kW	7.5/4.0/0.75 kW

ELECTRIC HEATER – CLEANING/RINSING/FINAL RINSE				
Capacity tanks	250/250/180 l	340/340/220 l	500/500/340 l	800/800/400 l
Power electric heaters	9.0/9.0/6.0 kW	15.0/15.0/9.0 kW	18.0/18.0/12.0 kW	31.5/31.5/15.0 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

[www.bupicleaner.com](http://www.bupicleaner.com)

