



# POWERTEC BASIC

## SINGLE TANK CLEANING SYSTEM WITH LIFTING GATE OR HINGED LID



### MAIN APPLICATION AREAS:

- Maintenance organisations
  - Repair shops
- Intermediate cleaning steps
  - Automotive
- Construction machinery industry



### EQUIPMENT CHARACTERISTICS:

- Single tank cleaning system
- High-efficiency high-power Grundfos pump IE3/IE4
- Electrical and control equipment from Siemens
- All components in contact with fluid in stainless steel
- Return line filtration

### RECOMMENDED ACCESSORIES:

- Overheat protection for electric equipment
- Vapour extraction unit
- Siemens S7-1200 controller and KTP 400 colour display with membrane keypad
- Level control with 3-rod level electrodes

More equipment options: [www.bupicleaner.com](http://www.bupicleaner.com)

# BUPI CLEANER® POWERTEC BASIC

## SINGLE TANK CLEANING SYSTEM WITH LIFTING GATE OR HINGED LID

OVERALL DIMENSIONS APPROX. (WITHOUT ADDITIONAL EQUIPMENT)	SIZE 3	SIZE 4	SIZE 5	SIZE 7
Width	1,730 mm	2,000 mm	2,350 mm	2,900 mm
Depth	1,345 mm	1,600 mm	1,930 mm	2,470 mm
Overall depth with extended roller carriage	2,210 mm	2,530 mm	3,120 mm	3,935 mm
Overall height	1,990 mm	1,990 mm	2,140 mm	2,250 mm
Total height with open loading gate	2,550 mm	2,550 mm	2,900 mm	3,200 mm
Transfer height (upper edge grating)	780 mm	780 mm	780 mm	815 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	770 kg	900 kg	1,100 kg	1,500 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	14 kW	20 kW	24 kW	40 kW
Maximum current drain	20 A	28 A	35 A	58 A

SPRAY CLEANING SYSTEM – CLEANING				
Spray pressure at nozzle mouth	4.6 bar	4.6 bar	5.0 bar	5.8 bar
Number full jet nozzles mounted	52 pcs.	58 pcs.	74 pcs.	95 pcs.

PUMP DATA – CLEANING				
Circulation rate	15.8 m <sup>3</sup> /h	15.8 m <sup>3</sup> /h	21 m <sup>3</sup> /h	29.2 m <sup>3</sup> /h
Pumping head in mWS	47.0 mWS	47.0 mWS	50.7 mWS	58.5 mWS
Pumping head in kPa	470 kPa	470 kPa	507 kPa	585 kPa
Pump motor	4 kW	4 kW	5.5 kW	5.5 kW

ELECTRIC HEATER – CLEANING				
Capacity tank	250 l	340 l	500 l	720 l
Power electric heater	9.0 kW	15.0 kW	18.0 kW	31.5 kW
Continuous treatment temperature control	0–80° C	0–80° C	0–80° C	0–80° C
Warm-up period tank from 15 to 70° C	approx. 2 hours	approx. 2 hours	approx. 2 hours	approx. 2 hours



Information on accessories and  
cleaning system configurator:

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

