

POWERTEC RSS

SINGLE TANK OR TWO-TANK CLEANING SYSTEM
WITH LIFTING GATE



MAIN APPLICATION AREAS:

- Automotive
- Electrical industry
- Sheet metal forming industry
- Hardening shops



EQUIPMENT CHARACTERISTICS:

- One-tank or two-tank cleaning system
- Highly efficient and powerful Grundfos pump(s) IE3/IE4/IE5
- All components in contact with fluid in stainless steel
- Return line filtration
- Manual basket locking
- Siemens Safety S7-1200F controller and KTP 400 colour display and push buttons

RECOMMENDED ACCESSORIES (PRO):

- Vapour extraction unit
- Level control with float switch
- Maintenance lids
- Dosing unit mechanical
- Three-phase oil separator
- Cascading control PRO
- Micro filter in the pressure line

BUPI CLEANER® POWERTEC RSS BASIC SINGLE TANK CLEANING SYSTEM WITH LIFTING GATE

OVERALL DIMENSIONS APPROX. (WITHOUT ADDITIONAL EQUIPMENT)		SIZE 5
Width		2,500 mm
Depth		1,930 mm
Total height		2,550 mm
Total height with open loading gate		3,850 mm
Transfer height (upper edge grating)		1,000 mm
Usable dimensions L x W x H		1,200 x 800 x 1,000 mm
Load weight (payload) standard		1,000 kg
Load weight (payload) max.		1,500 kg
Total system weight		1,400 kg

POWER SUPPLY (WITHOUT ADDITIONAL EQUIPMENT)	
Voltage (three-phase)	400 V
Frequency	50 Hz
Control voltage	24 VDC
Installed load	15 kW
Maximum current drain	22 A

SPRAY SYSTEM – CLEANING	
Spray pressure at the nozzles	5.5 bar
Number of mounted full jet nozzles	106 pcs.

PUMP DATA – CLEANING	
Circulation rate	33.2 m ³ /h
Pumping head in mWS	55.8 mWS
Pumping head in kPa	558 kPa
Pump motor	7.5 kW

ELECTRIC HEATER – CLEANING	
Capacity tanks	500 l
Power electric heater	18 kW
Treatment temperature adjustable	0–80° C
Warm-up period of the tank from 15 to 70° C	approx. 2 hours

BUPI CLEANER® POWERTEC RSS PRO TWO-TANK CLEANING SYSTEM WITH LIFTING GATE

OVERALL DIMENSIONS APPROX. (WITHOUT ADDITIONAL EQUIPMENT)		SIZE 5
Width		2,750 mm
Depth		1,930 mm
Total height		2,550 mm
Total height with open loading gate		3,850 mm
Transfer height (upper edge grating)		1,000 mm
Usable dimensions L x W x H		1,200 x 800 x 1,000 mm
Load weight (payload) standard		1,000 kg
Load weight (payload) max.		1,500 kg
Total system weight		1,700 kg

POWER SUPPLY (WITHOUT ADDITIONAL EQUIPMENT)	
Voltage (three-phase)	400 V
Frequency	50 Hz
Control voltage	24 VDC
Installed load	49 kW
Maximum current drain	71 A

SPRAY SYSTEM – CLEANING/RINSING	
Spray pressure at the nozzles	5.5/3.5 bar
Number of mounted full jet nozzles	106/106 pcs.

PUMP DATA – CLEANING/RINSING	
Circulation rate	33.2/26.7 m ³ /h
Pumping head in mWS	55.8/35.7 mWS
Pumping head in kPa	558/357 kPa
Pump motor	7.5/5.5 kW

ELECTRIC HEATER – CLEANING/RINSING	
Capacity tanks	500/500 l
Power electric heaters	18/18 kW
Treatment temperature adjustable	0–80° C
Warm-up period of the tanks from 15 to 70° C	approx. 2 hours



For further information, visit

www.bupicleaner.com

