

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
- High-efficiency high-power Grundfos pump(s) IE3/IE4
- Electrical and control equipment from Siemens
- All components in contact with fluid in stainless steel
- Return line filtration
- Manual basket locking
- Siemens S7-1200 controller and KTP 400 colour display with membrane keypad
- Level control with float switch
- Maintenance lids
- Dosing unit mechanical
- Three-phase oil separator
- Cascading control PRO

RECOMMENDED ACCESSORIES (PRO):

- Overheat protection for electric equipment
- Vapour extraction unit

More equipment options: www.bupicleaner.com

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
Overall 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 nozzle mouth	4.6 bar
Number full jet nozzles mounted	80 pcs.

PUMP DATA – CLEANING	
Circulation rate	30.2 m ³ /h
Pumping head in mWS	52.0 mWS
Pumping head in kPa	520 kPa
Pump motor	7.5 kW

ELECTRIC HEATER – CLEANING	
Capacity tank	500 l
Power electric heater	18 kW
Continuous treatment temperature control	0–80° C
Warm-up period 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		2,700 mm
Depth		1,930 mm
Overall 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 nozzle mouth	5.0/4.8 bar
Number full jet nozzles mounted	80/60 pcs.

PUMP DATA – CLEANING/RINSING	
Circulation rate	30.2/27.0 m ³ /h
Pumping head in mWS	52.0/42.0 mWS
Pumping head in kPa	520/420 kPa
Pump motor	7.5/5.5 kW

ELECTRIC HEATER – CLEANING/RINSING	
Capacity tanks	500/500 l
Power electric heater	18/18 kW
Continuous treatment temperature control	0–80° C
Warm-up period tanks from 15 to 70° C	approx. 2 hours



Information on accessories and
cleaning system configurator:

www.bupicleaner.com

