

BUPI CLEANER® - POWERTEC



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Chamber Washing Machines with Lift Door

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The all new POWERTECH series is a major step forward in machine design. Clever management has resulted in an ergonomic construction that looks terrific as well as being very user friendly. Easy access for servicing with a smaller footprint gives the new generation POWERTECH series a distinctive look with the same effective cleaning power.

The machine is completely encased making clean-liness much easier. The new foil keyboard is easier to use and to keep looking good. The SPS Siemens control panel and the digital temperature regulation are also included in the front panel. The compact arrangement of the controls, tank and powerful pump saves space as well as making service and cleaning easier. The pump is vertically mounted and has a special cartridge seal for improved servicing and reliability.

The all new look POWERTECH series owes its look to the famous Kiska-Design and incorporates the new silver, dark grey and yellow colour scheme. The old fashioned design has been replaced with cutting edge sharp lines coupled with practical, efficient layout. All this new ergonomic design and space saving component use has not compromised the price of our machines. They continue to be very affordable.

All parts in contact with the wash medium are stainless steel. The components are loaded onto a stainless grid that can be part of a mobile trolley that has an integrated drip pan. This grid is then loaded into the machine (automatic option available) and is then completely surrounded with jets. Once the door is closed, the grid rotates on a friction wheel while the powerful vertical pump thoroughly sprays the components from all sides with the wash medium.

To meet all our customers requirements there are a number of options available including steam condensation or extraction, automatic level control, air drying, oil separator, higher pressure spray and rinse devices and so on. Generally we can cater for all our customers needs including size and weight of components to be cleaned, type of cleaning required (paint stripping, carbon removal, oil and grease removal) and multi tank machines for an all round, clean and professional job.

POWERTECH series offers everything in the cleaning of metal, plastic and rubber components for the engineering industry today.

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Powertec 3 HP 4 HP 5 HP 7 HP

Main Dimensions approx. (without additional fittings)				
Width	1.730 mm	2.000 mm	2.350 mm	2.900 mm
Width with open electric switchbox	2.250 mm	2.500 mm	2.860 mm	3.410 mm
Depth	1.345 mm	1.600 mm	1.930 mm	2.550 mm
Total height	1.990 mm	1.990 mm	2.140 mm	2.250 mm
Total height with raised door	2.550 mm	2.550 mm	2.900 mm	3.200 mm
Loading height (upper trolley edge)	780 mm	780 mm	780 mm	815 mm
Working height from upper trolley edge	700 mm	700 mm	900 mm	1.000 mm
Square steel grid with rounded corners, approx.	900 mm	1.060 mm	1.400 mm	1.700 mm
Steel grid length with rounded corners	1.080 mm	1.335 mm	1.670 mm	2.250 mm
Wash load weight (working load) max.	700 kg	900 kg	1.200 kg	1.500 kg
Total cleaning unit weight	770 kg	900 kg	1.100 kg	1.500 kg
Power Supply				
Three-phase voltage	400 V	400 V	400 V	400 V
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Control voltage	24 V DC	24 V DC	24 V DC	24 V DC
Total connected load approx.	13,5 kW	19,5 kW	24,0 kW	39,5 kW
Max.current	20 A	28 A	35 A	58 A
Wash sprinkler system				
Spray pressure at the nozzle outlet approx.	4,6 bar	4,6 bar	5,0 bar	5,8 bar
Number of installed nozzles	52 pcs	58 pcs	74 pcs	95 pcs
Technical pump data				
Circulation capacity	15,8 m³/h	15,8 m³/h	21 m³/h	29,2 m³/h
Transport height	47,0 mWS	47,0 mWS	50,7 mWS	58,5 mWS
Pump motor	4 kW	4 kW	5,5 kW	7,5 kW
Electric heating				
Washing liquid tank capacity	250 liter	340 liter	500 liter	720 liter
Rated electric heating output	9 kW	15 kW	18 kW	31,5 kW
Infinitely variable treatment temperatur approx.	0-85 °C	0-85 °C	0-85 °C	0-85 °C
Washing tank warm-up period (on the basis of a new filling, 15-70 °C) approx.	1,5-2 hours	1,5-2 hours	1,5-2 hours	1,5-2 hours

