

# BUPI CLEANER® - POWERTEC



BUPI Golser  
Maschinenbau GmbH

Altengutrathstrasse 31-33  
A-5400 Hallein-Rehhof  
fon:+43 6245 76855  
fax:+43 6245 76855 13  
office@bupicleaner.com  
www.bupicleaner.com

Chamber washing machines  
with hinged door

# BUPI CLEANER® - POWERTEC

## Chamber washing machines with hinged door

Space-saving assemble and ergonomic advantage identify the future generation of our famous concern. The new developed POWERTEC series is a major step forward concerning user friendliness, serviceability and last but not least the space saving. Just the cleaning procedure is almost as it was.

These improvements could be reached on account of changes and developments. The cleaning of our machine is now much easier because we have covered our machine completely and the rearrangement of the operation keyboard on a new foil keyboard helps to keep away dirt.

The compact arrangement of the control, tank and the powerful pump with its special cartridge seal on one side of the machine does not only help to save space but also improves to get easier to the tank when there is a service or cleaning necessary. With a vertical submerged pump with a special cartridge sealing we can get a better maintenance friendliness.

The CPU control with touch panel of Siemens also includes ten different programmable wash programmes.

If you look at the design of our construction so you can find out that the product improvements are not only the result of a complete further development of our product line but more the new product development. For our new design we have given up the traditional colouring and we have replaced it with a friendlier colour diagram from Kiska-Design in silver, dark grey and yellow. We gave priority to the costs next to the ergonomic design and the idea of a space-saving assemble. Although the functionality of the machines has risen we can offer them to almost the same prices.

All parts that are in contact with the wash medium are made of stainless steel. The loading is done by open door and the load is put on a stainless steel grid. During the cleansing process the load is regular rotated by a friction or cog wheel drive where at the load is impacted with hot wash fluid on all sides.

In accordance with customer requirements the cleaning unit can be fitted with various supplementary equipments e. g. steam condensation or extraction, automatical level control, circulating air drying, drum filter, oil separator, high-pressure spray and rinse device and so on. Apart from the standard dimensions special solutions in non-standard sizes can be provided.

# BUPI CLEANER® - POWERTEC

## Powertec 3 KL 4 KL 5 KL 7 KL

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 depth with open door	2.210 mm	2.530 mm	3.120 mm	3.935 mm
Total height	1.990 mm	1.990 mm	2.140 mm	2.250 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 diagonal between cut 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				
Flow	15,8 m³/h	15,8 m³/h	21 m³/h	29,2 m³/h
Delivery height	47,0 mWS	47,0 mWS	50,7 mWS	58,5 mWS
Power 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

