



Basket washer with flushing and rotation of goods.

Description Rotor:

Rotor is intended to wash smaller details in baskets using water based alkaline fluids at up to 80°C. The goods can be completely submerged during the washing and is rotated continuously. The cleaning process can except for rotation in the washing fluid also consist of flushing and/or ultrasonic. The drum where the basket is washed is hermetically sealed and the goods can be efficiently dried with pressurized air, hot air or vacuum. The washing process is fully automatic and is controlled through PLC with touch screen.

Standard equipment:

Pneumatic door opening / closing with 4 cylinders.
 Three service doors for easier access (right, left, back).
 Hot air drying with 4.5 kW heating element.
 Electric pumps in stainless steel of 3 kW, 2.5 bar at 400 litres / min.
 Each bath:
 - Stainless steel filter of AISI 304 installed at pump suction.
 - Minimum level control of the liquid in the tank.
 - Maximum level control of the liquid in each tank with automatic water refill.
 - Basket filter on return in wash tank.
 Rotary motor for basket rotation 0,18kW.
 Rotary motor controlled by frequency converter.
 Adjustable rotation of basket.
 Stainless steel tank AISI 304.
 Stainless steel electric cartridges for heating liquid of 16 or 30kW per tank.
 Safety limit switch on front door.
 Oil Skimmer.
 Control of cycles and functions of PLC with seven inch touch screen.
 Stainless steel cabinet A304.
 Laser perforated washing pipes.
 Heat insulated cabin.
 Blowing with external compressed air.

Accessories:

Vacuum Drying.
 Increased goods capacity to 250 kg.
 Steam condenser.
 Additional basket with lid
 Automatic water and detergent refill.
 Fine-mesh box filter.
 Ultrasonic cleaning function.
 Simens PLC.
 High pressure wash pump.
 Pump from rinse to washing tank.
 Tank drainage pump.
 External pneumatic oil separator.
 Manual or automatic roller conveyor .



Technical data Rotor	S	M
External measurements LxPxH (mm)	1400x2200x2200	1800x2600x2200
Loading height AC (mm)	1200	1200
Basket measurements (standard) (mm)	450x300x180	750x500x300
Basket measurements (max)	450x300x300	750x500x500
Maximum load in kg	50 kg	80 kg
Tank volume (per tank)	480 l	890 l
Barrel capacity	150 l	470 l
Standard pump	1,5 kW 2,5 bar 200 l/min	3 kW 2,5 bar 400 l/min
High pressure pump	4 kW 6 bar 300 l/min	5,5 kW 5 bar 400 l/min
Rotation	0,18 kW	0,18 kW
Oil skimmer	0,09 kW	0,09 kW
Drainage pump	0,37 kW	0,37 kW
Hot air dryer	4,5 kW	4,5 kW
Effect heating (per tank)	16 kW	30 kW
Ultrasonic effect	1500 W	4500 W
Connection	3-fas N+J 400 V, 50 Hz	3-fas N+J 400 V, 50 Hz

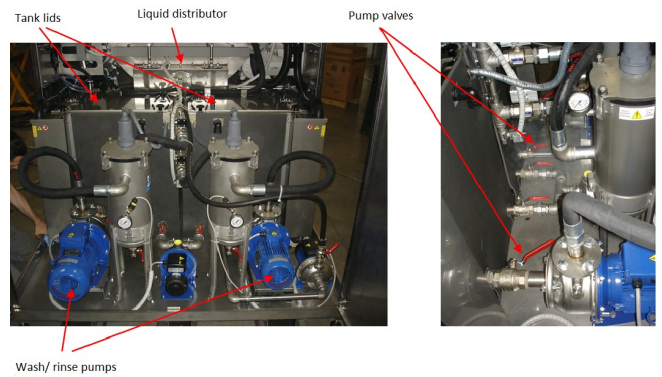
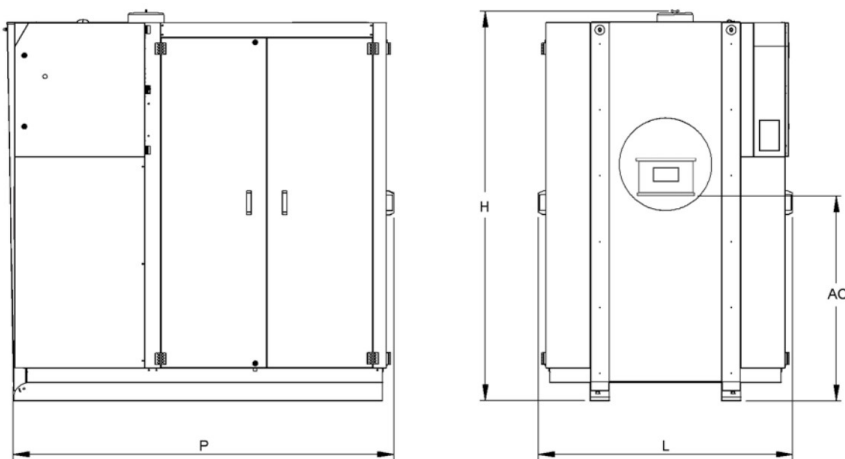


Image of tank construction as well as pumps and filters. The tank lids are located at the back of the machine at about 1m height.



Machine layout



Baskets in barrel