

ROBUR 2B

ROTATING BASKET METAL PARTS WASHER
WITH TWO OR MORE TREATMENT BATHS
FOR VERY LARGE VOLUME AND HEAVY PARTS

A range of machines for automatically washing very large and heavy parts.

Excellent quality cleaning is achieved through the slow rotation of the basket and special nozzles.

The two tanks with dedicated pumps enable washing and rinsing to be carried out automatically.

The PLC enables the treatment to be customized.



ROBUR 2B
1000 | 1200 | 1400
1800 | 2200

LOW TEMPERATURE **LT**

Maximum temperature setting 60°C

HIGH TEMPERATURE **HT**

Maximum temperature setting 80°C

ROBUR 2B

EQUIPMENT

Standard

- Timed vapour extraction.
- External trolley made of Aisi 304 Stainless Steel with drip tray and wheels with safety brake
- ISO pneumatic cylinders and «anti-fall» pneumatic safety valves
- Minimum level probe of liquid in the tanks to protect the pump and heating resistances
- Maximum level probe of liquid in the tanks and solenoid valve for automatic water filling
- Two-hand control for closing the door with safety control unit
- Vertical multistage electric pump made of Aisi 304 Stainless Steel with special gaskets
- Box filter with 6 hat filters made of Aisi 304 Stainless Steel for pre-filtering the liquid returning to the tank.
- Double mesh pump intake filters made of Aisi 304 Stainless Steel
- Safety limit switch on door opening
- Electrical system IP65, touch-screen control PLC (DGT V4)

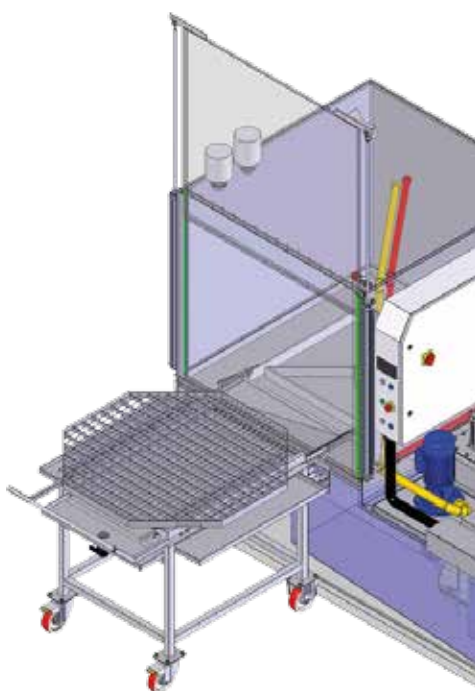
- Basket rotation gearmotor with torque limiter and centring sensor
- Reinforced platform in pressed grid made of galvanised iron with raised external edge
- Weekly schedule to turn on heating and the oil separator (if installed)
- Vertical electrical heating resistances made of Incoloy Stainless Steel
- Tanks accessible from the outside and sludge discharge hatch for easy cleaning
- Structure and sheet metalwork in contact with liquid made of STAINLESS steel
- Lower support structure made of steel
- Triple door seal (lower, upper and side) and gaskets on all tank covers.
- Laser-machined washing/rinsing pipes made of Aisi 304 Stainless Steel

HT model

- Compliant thermal insulation with Stainless Steel panels

TECHNICAL DATA

TECHNICAL DATA	ROBUR 1000 2B	ROBUR 1200 2B	ROBUR 1400 2B	ROBUR 1800 2B	ROBUR 2200 2B
Overall dimensions when closed (L x P x H)	242 x 258 x 200 cm	265 x 298 x 210 cm	285 x 330 x 220 cm	318 x 396 x 232 cm	365 x 480 x 236 cm
Overall dimensions when open (L x P x H)	242 x 258 x 275 cm	265 x 298 x 295 cm	285 x 330 x 315 cm	318 x 396 x 337 cm	365 x 480 x 345 cm
Washing capacity (Ø x HL)	90 x 70 cm	110 x 80 cm	128 x 90 cm	165 x 100 cm	200 x 100 cm
Loading capacity	600 kg	600 kg	600 Kg	800 Kg	1000 Kg
Washing / rinsing tank capacity	300 l / 300 l	400 l / 400 l	500 l / 500 l	700 l / 700 l	800 l / 800 l
Washing pump	4 kw 5 bar 250 l/min	4 kw 5 bar 280 l/min	4 kw 5 bar 300 l/min	5,5 kw 5 bar 350 l/min	5,5 kw 5 bar 400 l/min
High pressure washing pump	5,5 kw 7,5 bar 250 l/min	5,5 kw 7,5 bar 280 l/min	7,5 kw 7,5 bar 300 l/min	7,5 kw 7,5 bar 350 l/min	7,5 kw 7,5 bar 400 l/min
Rinsing pump	2,2 kw 2,5 bar 250 l/min	2,2 kw 2,5 bar 280 l/min	2,2 kw 2,5 bar 300 l/min	3 kw 2,5 bar 350 l/min	3 kw 2,5 bar 400 l/min
Heating for washing / rinsin	12,0 kw / 12,0 kw	12,0 kw / 12,0 kw	18,0 kw / 18,0 kw	24,0 kw / 24,0 kw	30,0 kw / 30,0 kw
Mechanical rotation	0,18 kw	0,18 kw	0,18 kw	0,18 kw	0,18 kw
Vapour extractor	0,25 kw 320 m³/h	0,25 kw 320 m³/h	0,37 kw 580 m³/h	0,37 kw 580 m³/h	2 x 0,37 kw 1160 m³/h
Disc oil separator	0,09 kw	0,09 kw	0,09 kw	0,09 kw	0,09 kw
Vapour condenser	0,20 kw	0,20 kw	0,48 kw	0,48 kw	0,48 kw
Tank emptying pump	0,37 kw	0,37 kw	0,37 kw	0,37 kw	0,37 kw
Drying	5,2 kw	5,2 kw	5,2 kw	8,2 kw	8,2 kw
Burner heating	0,17 kw	0,17 kw	0,17 kw	0,17 kw	0,17 kw
Blowing (compressed air, 6 bar)	400 m³/h	450 m³/h	550 m³/h	700 m³/h	800 m³/h
Power Supply	3Ph + N + PE	3Ph + N + PE	3Ph + N + PE	3Ph + N + PE	3Ph + N + PE
Supply voltage	400V 50 Hz	400V 50 Hz	400V 50 Hz	400V 50Hz	400V 50Hz

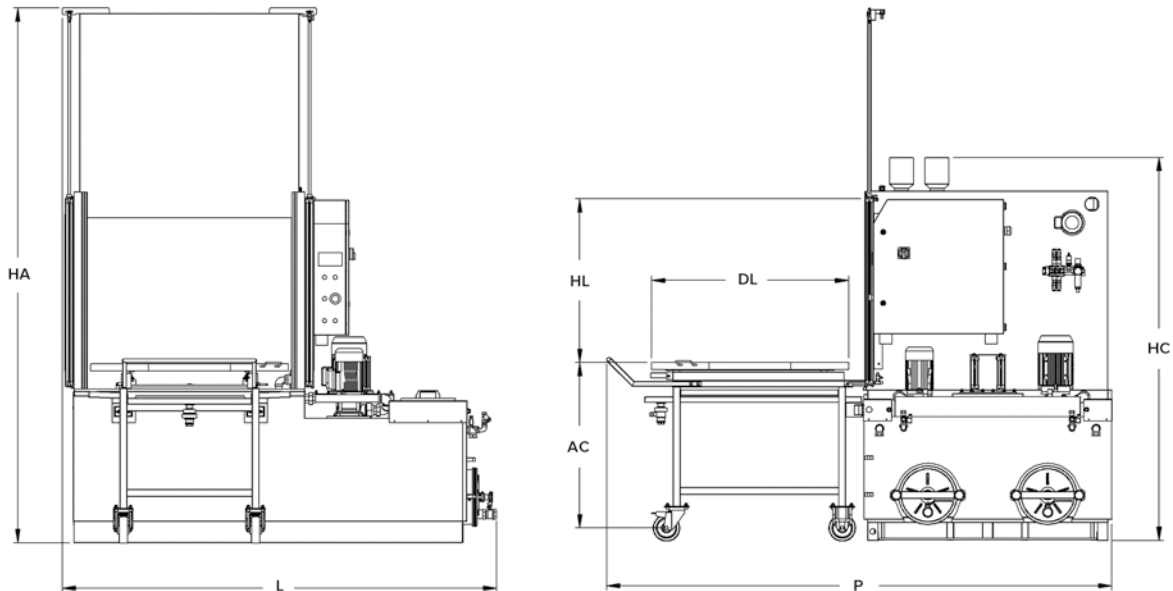


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DIMENSIONS

DIMENSIONS	ROBUR 1000 2B	ROBUR 1200 2B	ROBUR 1400 2B	ROBUR 1800 2B	ROBUR 2200 2B
L (Width)	242 cm	265 cm	285 cm	318 cm	365 cm
P (Depth)	258 cm	298 cm	330 cm	396 cm	480 cm
HA (Open height)	275 cm	295 cm	315 cm	337 cm	345 cm
HC (Closed height)	200 cm	210 cm	220 cm	232 cm	236 cm
DL (Washing diameter)	90 cm	110 cm	128 cm	165 cm	200 cm
HL (Washing height)	70 cm	80 cm	90 cm	100 cm	100 cm
AC (Loading height)	95 cm	95 cm	95 cm	95 cm	95 cm



ROBUR 2B

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CONNECTIONS

CONNECTIONS	ROBUR 1000 2B	ROBUR 1200 2B	ROBUR 1400 2B	ROBUR 1800 2B	ROBUR 2200 2B
Tank drainage outlet	F 1" 1/4 gas	F 1" 1/4 gas	F 1" 1/4 gas	F 1" 1/4 gas	F 1" 1/4 gas
Oil separator drainage outlet	M 1/2" gas	M 1/2" gas	M 1/2" gas	M 1/2" gas	M 1/2" gas
Vapour extraction outlet	Ø 80 mm	Ø 80 mm	Ø 100 mm	Ø 100 mm	Ø 100 mm
Water filling solenoid valve	F 1/2" gas	F 1/2" gas	F 1/2" gas	F 1/2" gas	F 1/2" gas
Compressed air blowing solenoid valve	F 1" gas	F 1" gas	F 1" gas	F 1" gas	F 1" gas
Compressed air commands inlet	F 1/4" gas	F 1/4" gas	F 1/4" gas	F 1/4" gas	F 1/4" gas
Emptying pump	F 1" 1/4 gas	F 1" 1/4 gas	F 1" 1/4 gas	F 1" 1/4 gas	F 1" 1/4 gas
Burner flue natural gas/gas	Ø 130 mm	Ø 130 mm	Ø 130 mm	Ø 130 mm	Ø 130 mm

ACCESSORIES

- Increased washing cabinet height [1]
- Drying with resistance and air-blade side channel blower
- Automatic loading and unloading [2]
- Increased platform loading capacity by 500 kg
- Additional external trolley
- Electric vapour condenser for lowering the quantity of vapour given off (page 39)
- Thermal insulation of bag filter
- Thermal insulation of parallel mounted duplex bag filter
- Disoil P LT or HT (page 40)
- Disc oil separator with dedicated gearmotor
- Double piping greater than half the height, can be excluded
- Chemical product doser
- Fine mesh box filters
- Double Stainless Steel bag filter mounted in parallel on the pump delivery pipe
- Duplex bag filter mounted in parallel on the pump delivery pipe
- Manual washing and blowing with hoses and washing gun [3]
- Motorized platform
- Additional STAINLESS steel platform
- Additional galvanized steel platform
- Platform and spider made of Aisi 304 Stainless Steel
- LC Siemens S1200 – HMI Siemens KTP touch-screen
- Tank emptying pump
- High pressure washing pump
- Fixed loading and unloading station in place of the trolley
- Customizations for use with abrasive contaminants in the washing fluid
- Customizations for use with strongly caustic chemical products
- Heating with water/water or vapour/water heat exchanger
- Rinsing with non-reusable mains water into tank with overflow
- Motorized rotation of nozzles, fixed parts-support platform
- Pickling of internal welding
- Blowing with compressed air and independent pipes
- Removable edges of the platform made of Aisi 304 Stainless Steel
- Loading and unloading station (height reduced by 130mm) [4]
- System retention tank made of Aisi 304 Stainless Steel

