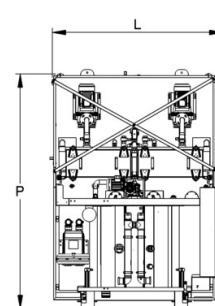
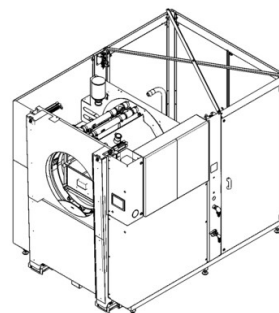
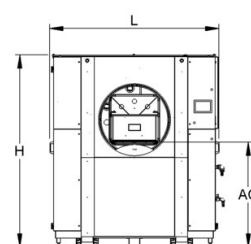
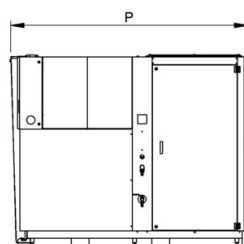


## ROTOR 1B

Rotor is the optimal system for the spray and hydrokinetic immersion washing for baskets containing parts. Basket is entered manually or automatically in the basket-holder drum according to the machine configuration. It is possible to set the basket rotation speed and the operation type: full or oscillating rotation. Hot-air drying is included in the standard model. It is possible to increase it by a vacuum drying. The machine is available in HT version ( insulated, maximum and adjustable temperature up to 80°C).



Dimensions and layout	RTRS	RTRM	RTRL
depth (P)	220 cm	260 cm	300 cm
height (H)	220 cm	220 cm	240 cm
loading height (AC)	105 cm	120 cm	120 cm
noise HT (RU_HT)	70 dBa	70 dBa	70 dBa
washing area (AL)	30 x 45 cm	50 x 75 cm	75 x 100 cm
washing height (HL)	18/30 cm	30/50 cm	50/75 cm
weight (W)	800 kg	1000 kg	1500 kg
width (L)	140 cm	180 cm	240 cm

Connections	RTRS	RTRM	RTRL
Compressed air blower solenoid valve	F 1"	F 1"	F 1"
Compressed air intake	F 1/4"	F 1/4"	F 1/4"
Deoiling oil drain	M 1/2"	M 1/2"	M 1/2"
Emptying pump	F 1"	F 1"	F 1"
Overflow drain	F 1"	F 1"	F 1"
Steam extraction	F 3"	F 3"	F 3"
Tank liquid drain	F 1" 1/4	F 1" 1/4	F 1" 1/4
Water filling solenoid valve	F 1/2"	F 1/2"	F 1/2"

Technical data	RTRS	RTRM	RTRL
Compressed air blowing	230 Nmc/h @ 4 bar	320 Nmc/h @ 4 bar	400 Nmc/h @ 4 bar
Disk oil separator	0,09 kW	0,09 kW	0,09 kW
Drying	7,5 kW	9 kW	18 kW
Gas oil or natural gas burner heating	0,17 kW - 30000 kcal/h	0,17 kW - 30000 kcal/h	0,17 kW - 30000 kcal/h
Heating tank 1	16 kW	30 kW	50 kW
High pressure pump 1	3 kW - 6 bar - 250 lt/min	5,5 kW - 4 bar - 500 lt/min	7,5 kW - 5 bar - 500 lt/min

Technical data	RTRS	RTRM	RTRL
Load capacity	50 kg	80 kg	100 kg
Motor for parts rotation	0,18 kW	0,18 kW	0,18 kW
Pump 1	1,5 kW - 2,5 bar - 200 lt/min	3 kW - 2,5 bar - 400 lt/min	3 kW - 2,5 bar - 400 lt/min
Steam condenser	0,20 kW	0,20 kW	0,20 kW
Tank 1 capacity	380 lt	900 lt	1400 lt
Tank emptying pump	0,37 kW	0,37 kW	0,37 kW
Ultrasound	1kW	2,4kW	4,8kW
Vacuum drying	1,5 kW	2,2 kW	4,4 kW

Technical features	RTRS	RTRM	RTRL
Aisi 304 stainless steel filter in pump intake	★	★	★
AISI 304L stainless steel drip tray	★	★	★
AISI 304L stainless steel electric pump with special seals	★	★	★
AISI 304L stainless steel washing pipelines with professional stainless steel flat nozzles	★	★	★
Weekly programming to start heating and deoiler (if installed)	★	★	★
Box filter	★	★	★
Color 7" touchscreen display for settings and programs	★	★	★
Compressed air blower solenoid valve	★	★	★
Drain valves for emptying tanks	★	★	★
Gearmotor for variable basket rotation speed controlled by inverter	★	★	★
Heating of the liquid with stainless steel electric heating element	★	★	★
Hot air drying with side channel blower and heating elements	★	★	★
Internal welding bleaching	★	★	★
IP65 electrical system, management via PLC touchscreen (DGT V4)	★	★	★
ISO pneumatic cylinders and "fall-proof" pneumatic safety valves	★	★	★
Manual water filling valve	★	★	★
Minimum level switch	★	★	★
Pneumatic opening and closure of the hatch with 4 cylinders	★	★	★
Pressure gauge for control of pressure delivered	★	★	★
Safety limit switch on door opening	★	★	★
Siemens electric power parts	★	★	★
Stainless steel bottom section load-bearing structure	★	★	★
Structure and sheet metal in contact with liquid in AISI 304L stainless steel	★	★	★

Accessories	RTRS	RTRM	RTRL	Cod.
Automatic liquid detergent dispenser, installed in bath 1	✓	✓	✓	DAD#1
Automatic external roller conveyor pneumatic lift pos. 3+1+3 [D]	✓	✓	✓	REASP313
Bag filter in stainless steel, installed in the bath 1	✓	✓	✓	FS#1
Centrifugal steam condenser S [D]	✓	✓	✓	CCE_S
Device for remote connection and remote support for PLC Siemens	✓	✓	✓	TELSIE
Device remote connection and remote support for HMI Weintek	✓	✓	✓	TELWEI
External pneumatic oil separator with stainless steel floats	✓	✓	✓	DHT
High pressure washing pump	✓	✓	✓	PP1
Increased loading capacity	✓	✓	✓	ACC
Industry 5.0 Ready (Energy Meter)	✓	✓	✓	IND5
Kit for Industry 4.0 for HMI Weintek	✓	✓	✓	IND4WEI
Kit for Industry 4.0 for PLC Siemens	✓	✓	✓	IND4SIE
Kit for use with abrasive contaminants in the washing liquid	✓	✓	✓	PCA
Magnetic spark plug for bag filter size 2 for ferrite powder	✓	✓	✓	MAGFS2
A wide choice of external conveyors, with or without lift	✓	✓	✓	REM
Maximum liquid level control in tank 1 and filling solenoid valve	✓	✓	✓	RIEMP#1
PLC Siemens S7 1200 - HMI touchscreen Weintek	✓	✓	✓	PLS
Rinsing by water supply and direct drain outlet	✓	✓	✓	RSD
Single external station with automatic loading and unloading of baskets/pallets	✓	✓	✓	REB1RB
Stainless steel baskets in multiple sizes to choose	✓	✓	✓	CS

<b>Accessories</b>	<b>RTRS_2B</b>	<b>RTRM_2B</b>	<b>RTRL_2B</b>	<b>Cod.</b>
Stainless steel fittings and valves kit ( for parts that are in contact with liquids)	✓	✓	✓	PFC
Ultrasounds in titanium bars - 40 kHz	✓	✓	✓	LU40
Vacuum drying	✓	✓	✓	ASV

**Accessories notes legend**

[D]: the two accessories are incompatible, they cannot be installed on the same system

★ = included in the basic model, ✓ = available on request, ✗ = not available