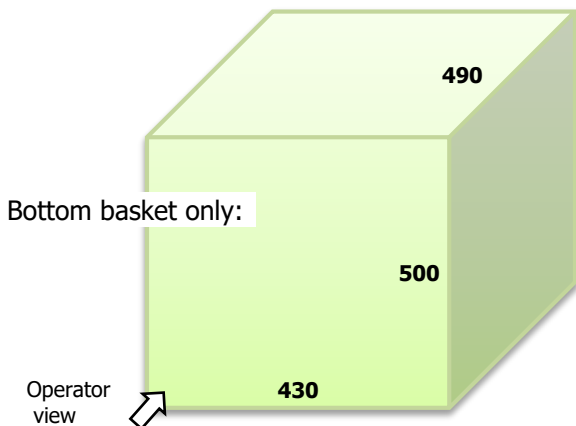


CompaCLEAN

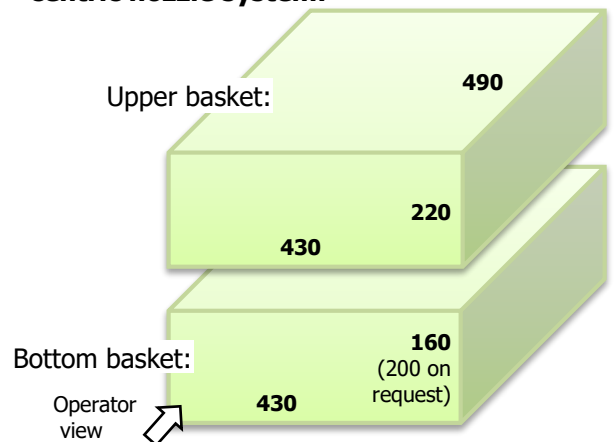
HIGH PRESSURE SPRAY-IN-AIR CLEANING SYSTEM



Standard inner basket space (other on request). With bottom basket only:



Standard inner basket space (other on request). Bottom basket, upper basket and centric nozzle system:



Technical data

- Standard usable space for cleaned material (WxLxH) 480 x 500 x 500 mm (with bottom basket only)
- Standard usable space for cleaned material (WxLxH) 480 x 500 x 160 mm (200 mm on request) and 480 x 500 x 220 mm (with upper basket and centric nozzle system)
- Particular position and space depends on given clamping
- Specific requirements to be consulted with manufacturers' representatives
- Customization available upon request

Machine types

CompaCLEAN IR+	Wash (Heat to 60 °C) + Tap Water Rinse + Drying
CompaCLEAN III	Wash (Heat to 60 °C) + 1 st Rinse (Tap water or DI water) + 2 nd Rinse (DI water) + Drying
CompaCLEAN II ECO	Wash (Heat to 60 °C) + DI Water Rinse (Carbon 16L, Mixbed 16L) + Drying

Process data

(Use, capacity and consumption of machine)

Typical consumption of cleaning agent w/o load (per one cycle)	0.15 liter
PCB defluxing and Misprints - max usable area at the disposal	2.55 m ²
Standard max. components height from front side + rear side	40 mm (other on req.)
Max load in 3U-160 eurocards (100x160mm) per one cycle	140 pcs
PCBA + Misprints 3U-160 eurocards (100x160mm) typical total cycle time	60 - 80 min
PCBA + Misprints 3U-160 eurocards (100x160mm) typical quantity per hour	Up to 140 pcs
PCBA + Misprints typical consumption / cycle (depends on PCB shape and pollution)	0.3 – 0.4 liter
Solder pallets - available space (necessary to specify clamping)	480 x 500 x 500 mm
Solder pallets typical quantity per hour	4 – 6 pcs
Typical total cycle time for solder pallets	45 – 60 min

Typical consumption and typical time are based on values from the field, however cannot be guaranteed because of other factor influence.

Technical parameters

Machine dimension (WxLxH)	940 × 1700 × 2140 mm
Weight (without liquid)	440 - 485 kg
Machine noisiness	L _A < 70 dB
Power supply voltage	3x 230 V/ 400 V, 50 Hz
Power input	15-21 kVA

Adjustable parameters

All the parameters are adjusted by means of the LCD touch screen.

Washing time (all types)	0-99 min.
Washing medium temperature (optional)	Up to 60°C
Rinsing time (all types)	0-99 min.
Rinsing temperature (optional)	Up to 40°C
Conductivity (II, IIR, IIR+, III)	0-999 μS/cm
Drying time (all types)	0-99 min.
Drying temperature (all types)	Up to 110°C
Number of program registers (settings)	99

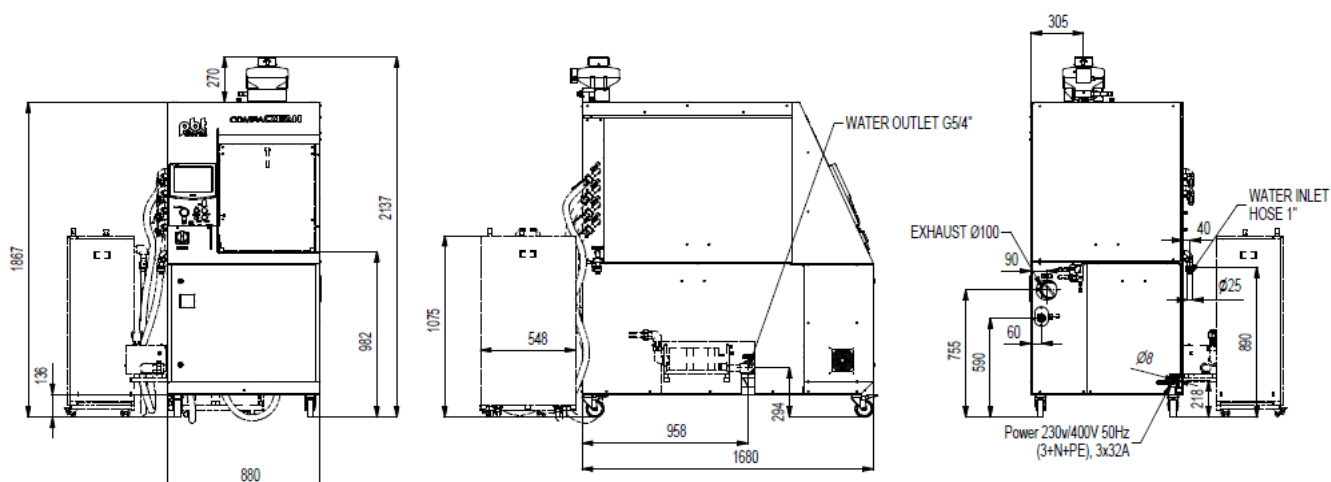
Note: All the adjusted parameters are not changed when the power supply is switched on or off.

Technological parameters

Standard - S	Not possible - N	IR+	III	II ECO	
Power input (according to configuration)		15-20	16-21	16	kVA
Washing - pressure on the nozzles max/min (sprayed from all 69 nozzles)		2,3/1,7	2,3/1,7	2,3/1,7	bar
Washing – max. flow (sprayed from all 69 nozzles)		140	140	140	l/min
Washing - pressure on the nozzles max/min (sprayed from 33 upper nozzles)		3,6/3,1	3,6/3,1	3,6/3,1	bar
Washing - max. flow (sprayed from 33 upper nozzles)		85	85	85	l/min
Tap water rinsing - pressure on the nozzles max/min (sprayed from 33 upper nozzles)		1,3/0,8	1,3/0,8		bar
Rinsing w/o chemical filters - max. flow (sprayed from 33 upper nozzles)		60	60		l/min
DI rinsing - pressure on the nozzles max/min (sprayed from all 69 nozzles)			0,2/0		bar
DI rinsing – max. flow (sprayed from all 69 nozzles)			50		l/min
DI rinsing - pressure on the nozzles max/min (sprayed from 33 upper nozzles)			1,3/0,8		bar
DI rinsing - max. flow (sprayed from 33 upper nozzles)			50		l/min
DI rinsing - pressure on the nozzles max/min (sprayed from 36 lower nozzles)			-	2/1,5	bar
DI rinsing - max. flow (sprayed from 36 lower nozzles)			-	68	l/min
Washing decanter volume max/min		71/35	71/35	71/35	l
Rinsing decanter volume max/min		60/35	35/18	35/18	l

Note: Approximate values of pressure and flow are stated. The real values can be a bit different depending on the tolerances of used components. These differences have no effect on cleaning

Dimensions



Required service and maintenance area

- From the front side of the machine minimally 0,8 m - area for machine operation and accessing area into the switchbox
- From the left side min. 0,8 m - area for machine service and maintenance
- From the right side min. 0,1 m
- The machine rear part min. 0,2 m - central exhaust system connection

The height of the machine = **2,14 m**

The height of machine with signal tower for indication of machine status (optional) = 2,22 m.

The width of machine with pump unit of drain water (optional) = 1,13 m.

