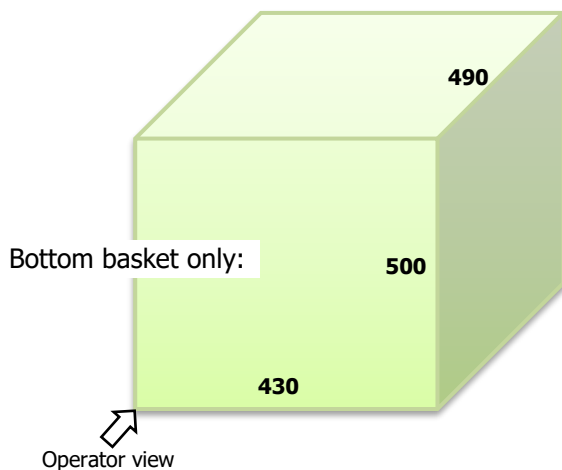


CompaCLEAN

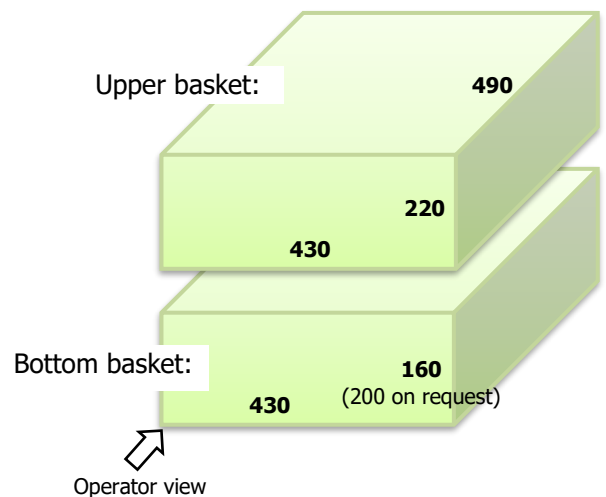
HIGH PRESSURE SPRAY-IN-AIR CLEANING SYSTEM



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 II	Wash (Heat to 60 °C) + Tap Water Rinse + Dry
CompaCLEAN III	Wash (Heat to 60 °C) + 1 st Rinse (Tap water or DI water) + 2 nd Rinse (DI water) + Dry

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)	1 060 × 1 680 × 2 220 mm
Weight (without liquid)	440–485 kg
Machine noisiness	L _A <70 dB
Power supply voltage	3x 400 V / 230 V, 50 Hz; 3x 208 V / 120 V, 60 Hz
Power input	13.2–18 kW

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

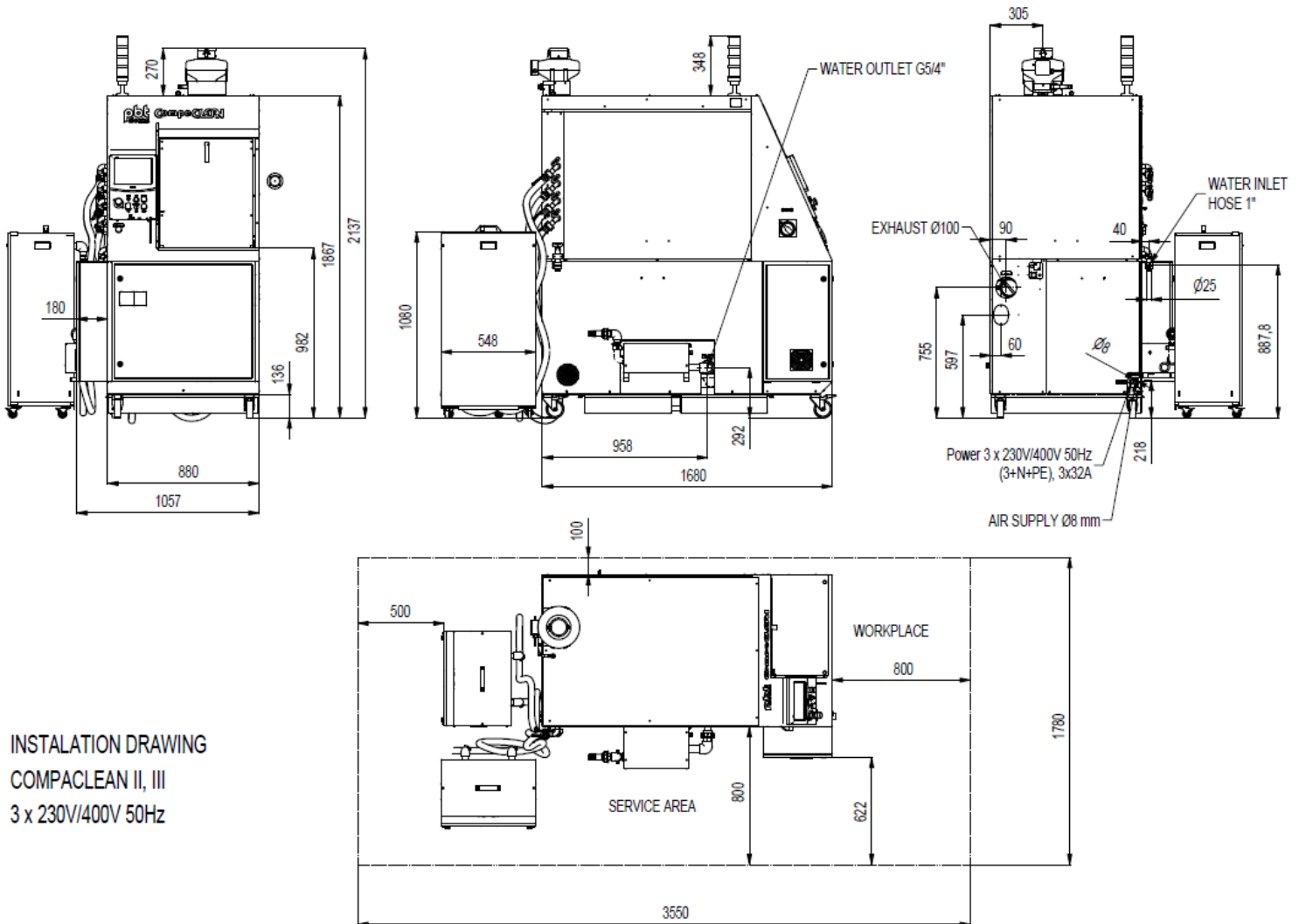
Note: All the adjusted parameters are not changed when the power supply is switched on or off.

Technological parameters

Standard – S	Not possible – N	II	III	
Power input (according to configuration)		13.2–18	13.2–18	kVA
Washing – pressure on the nozzles max/min (sprayed from all 69 nozzles)		2,3/1,7	2,3/1,7	bar
Washing – max. flow (sprayed from all 69 nozzles)		140	140	l/min
Washing – pressure on the nozzles max/min (sprayed from 33 upper nozzles)		3,6/3,1	3,6/3,1	bar
Washing – max. flow (sprayed from 33 upper nozzles)		85	85	l/min
Rinsing w/o chemical filters – pressure on the nozzles max/min (sprayed from all 69 nozzles)		0,6/0,1	0,6/0,1	bar
Rinsing w/o chemical filters – max. flow (sprayed from all 69 nozzles)		70	70	l/min
Rinsing w/o chemical filters – pressure on the nozzles max/min (sprayed from 33 upper nozzles)		1,7/1,2	1,7/1,2	bar
Rinsing w/o chemical filters – max. flow (sprayed from 33 upper nozzles)		58	58	l/min
Rinsing with chemical filters – pressure on the nozzles max/min (sprayed from all 69 nozzles)			0,3/0	bar
Rinsing with chemical filters – max. flow (sprayed from all 69 nozzles)			50	l/min
Rinsing with chemical filters – pressure on the nozzles max/min (sprayed from 33 upper nozzles)			1,3/0,8	bar
Rinsing with chemical filters – max. flow (sprayed from 33 upper nozzles)			50	l/min
Washing tank volume max/min		71/35	71/35	l
Rinsing tank volume max/min		60/35	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



INSTALLATION DRAWING
COMPACLEAN II, III
3 x 230V/400V 50Hz

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 switchboard (in accordance with directive IEC 60364–1:2005)
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 – exhaust system connection (machine w/o external filtration)
The machine rear part	min. 0.5 m (machine with external filtration – filtration carts)
Ceiling height	minimal 2.3 m