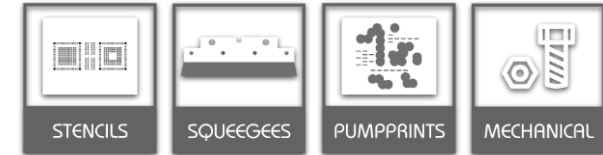
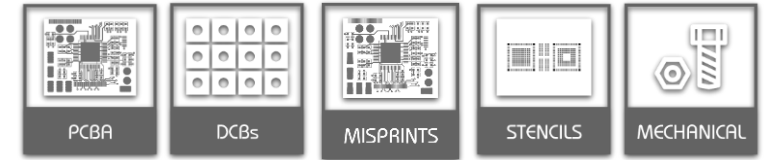




SuperSWASH II



SuperSWASH III



SINGLE

Single „80“

Usable space between the nozzles is 80 mm
(40 mm from axis to one and to second side)

Single „150“

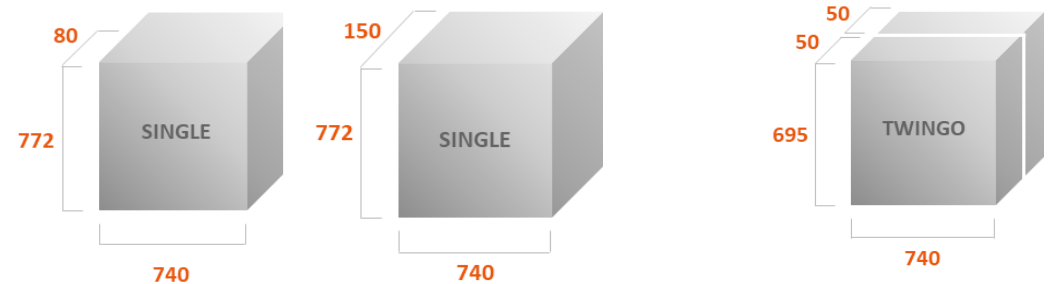
Usable space between the nozzles is 150 mm
(75 mm from axis to one and to second side)

TWINGO

Twingo

Usable space between the nozzles is 50 mm
(25 mm from axis to one and to second side)

Usable space of **STANDARD CLAMPING**



SuperSWASH II	Wash (60 °C) + Rinse (Tap water or DI water) + Dry	
SuperSWASH III	Wash (60 °C) + 1.Rinse (Tap water or DI water) + 2.Rinse (DI water) + Dry	

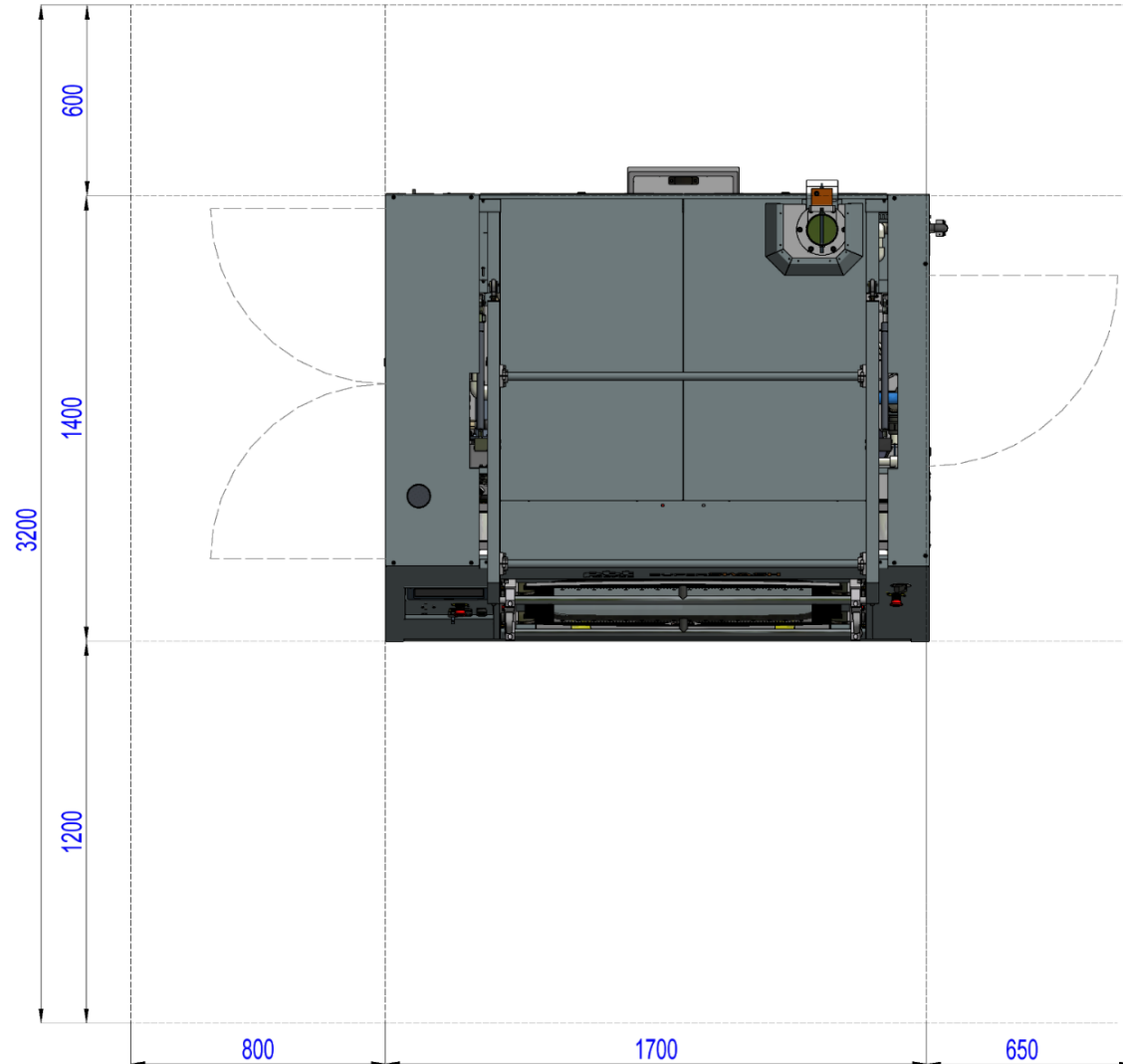
PROCESS DATA		
SuperSWASH	II	III
Process steps	3	4
Wash	Cleaning medium	Cleaning medium
Rinse	Tap or DI water	Tap or DI water DI water
Dry	Hot air	Hot air

SuperSWASH SINGLE *	
Max. usable space: WxLxH	835 x 80/150 x 816 mm
Typical consumption of cleaning agent without load (per one cycle)	0.1 liter
Framed stencils capacity / dimensions	1 pc / 32"x29"
Stencils typical total cycle time	7 - 12 min
Stencil typical quantity per hour	5 - 8 pcs
PCB defluxing and Misprints - max usable area at the disposal	0.6 m2
Max load eurocards (100x160mm) per one cycle	20 pcs
PCBA + Misprints eurocards (100x160mm) typical total cycle time	20 - 40 min
PCBA + Misprints eurocards (100x160mm) typical quantity per hour	40 - 60 pcs

SuperSWASH TWINGO *	
Max. usable space: WxLxH	835 x 50 x 740 mm (2x)
Typical consumption of cleaning agent w/o load (per one cycle)	0.1 liter
Framed stencils capacity / dimension	2 pc / 32"x29"
Stencils typical total cycle time	7 - 12 min
Stencil typical quantity per hour	10 - 16 pcs
PCBA defluxing and Misprints - max usable area at the disposal	2x 0.5 m2
Max load eurocards (100x160mm) per one cycle	40 pcs
PCBA + Misprints eurocards (100x160mm) typical total cycle time	20 - 40 min
PCBA + Misprints eurocards (100 x 160 mm) typical quantity per hour	80 - 120 pcs

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

TECHNOLOGICAL DATA			
SuperSWASH	II	III	
Weight (without liquid)	570-600	600-630	kg
Power input (according to the configuration)	15-23	15-23	kVA
Machine noise level	L _A (eqv) < 70		dB
Cleaning medium temperature (option)	Up to 60		°C
Rinse water temperature (option)	Up to 40		°C
Drying temperature for 230V/400V	Up to 110		°C
Drying temperature for 120V/208V	Up to 100		°C
Number of programs (settings)	99		
Working area (left - right limit)	100-850		mm
Machine dimensions W x L x H	1700x1500x2100	1700x1500x2100	mm
Washing - pressure on the nozzles min/max	2,5-3	2,5-3	bar
Washing - max. flow	76	76	l/min
Rinsing – Internal filtration 16 l – parallel Pressure on the nozzles – min/max	2,5-3	2,5-3	bar
Rinsing – Internal filtration 16 l – parallel Max. flow	76	76	l/min
Rinsing – External filtration 39 l – serial Pressure on the nozzles – min/max	1,5-2	1,5-2	bar
Rinsing – External filtration 39 l – serial Max. flow	60	60	l/min
Washing tank volume – max/min	81/53	57/38	liter
1. Rinse tank volume – max/min	81/53	42/28	liter
2. Rinse tank volume – max/min	-	57/38	liter

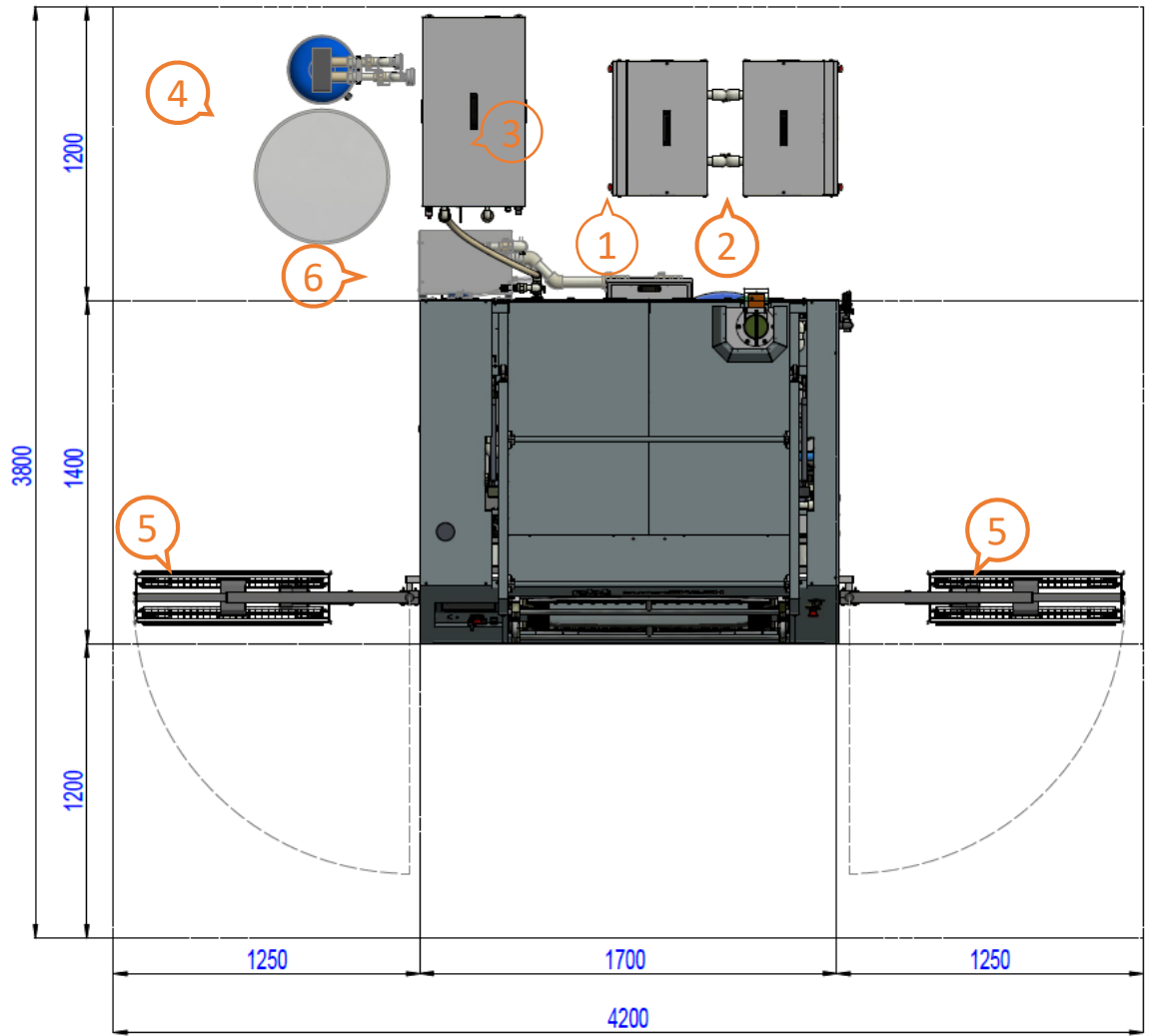


MAINTENANCE AREA

From the front: > minimal 1 200 mm	Space for machine operation
From the rear: > minimal 600 mm	Space for machine maintenance (filters replacement)
From the right: > minimal 650 mm	Access for maintenance (working liquids discharge)
From the left: > minimal 800 mm	Access into the switchboard (in accordance with directive IEC 60364-1:2005)
From above: ceiling height > 2 500 mm	Space for box door opening

CONNECTION

Electric mains	Voltage: 3x 400/230 V, 50 Hz
	Protection: 3x B 32 A
	Connection: 3, N + PE (five-wire plug 32 A)
Pressure air	Voltage: 3x 208/120 V, 60 Hz
	Protection: 3x B 63 A
	Connection: 3, N + PE (w/o cable and plug)
Water inlet (not necessary)	Pressure: 0,6-0,8 MPa
	Class of air quality: 3.4.3. (according to ISO 8573-1)
	Connection: hose SMC \varnothing 8 mm
Waste water outlet (from 1. Rinse)	Capacity: max. 30 l/min
	Connection: hose 1"
Not necessary, must be with water inlet	Thread G 5/4"
	<i>Note: Drain output height: 90 mm, pipe slope 1:100, max. pipe length 2 m.</i>
Tank discharge valve	Connection: Hose 3/4"
Air exhaust	Capacity: min. 400-450 m ³ /h, under-pressure 1 000-1 500 Pa
	Connection: hose \varnothing 150 mm (use an adaptor \varnothing 100/150)



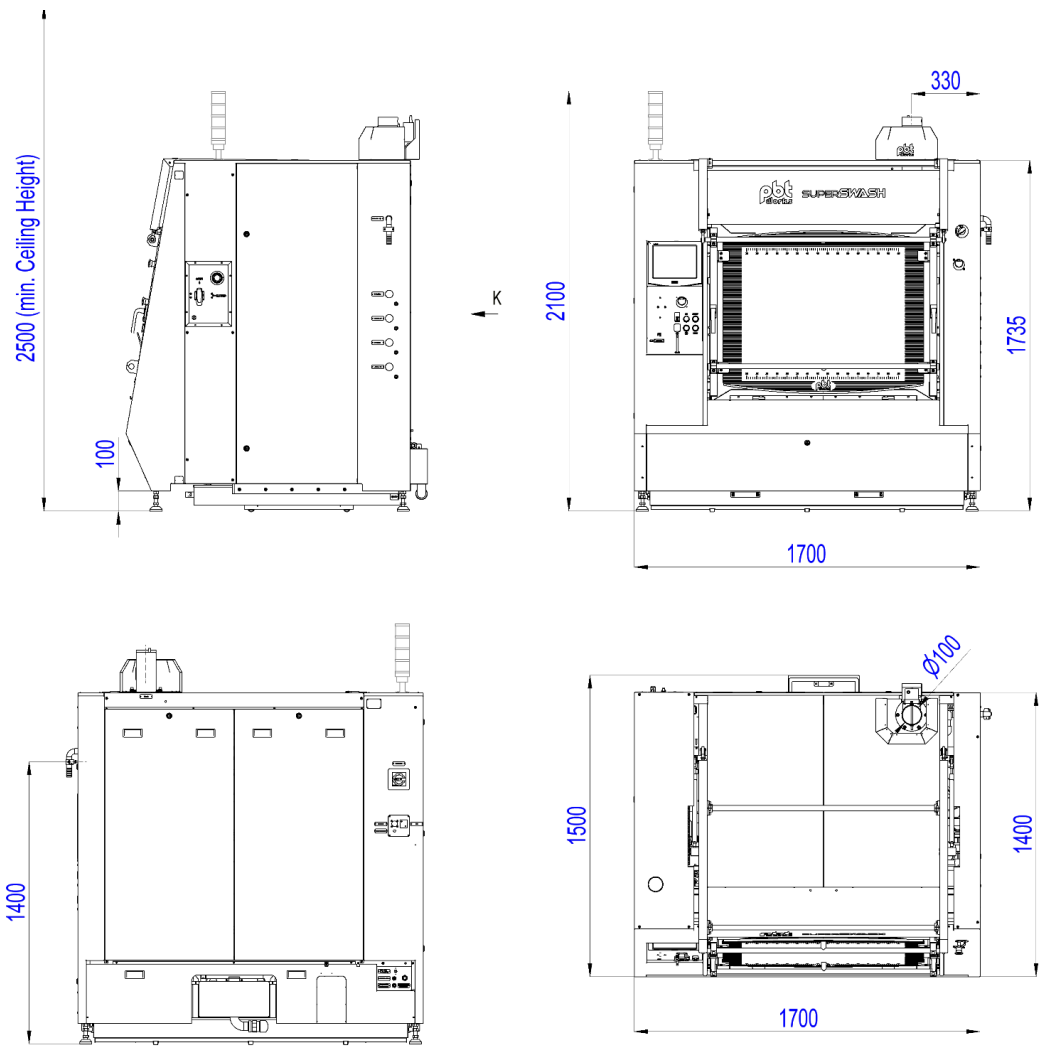
REQUIRED SPACE

- 1. External Closed Loop for 1.Rinse (Carbon 39 ltrs, Mixbed 39 ltrs, without Conductometer), 548x387x1115 mm, 100 kg
- 2. External Closed loop for 2.Rinse (Carbon 39 ltrs, Mixbed 39 ltrs, Conductometer), 548x387x1115 mm, 100 kg (SuSW III only)
- 3. AD Automatic Dosing of Cleaning Agent, 845x425x1167 mm, 84 kg
- 4. Water Softening Unit for 1.Rinse
- 5. Revolving Frame Holder for SuperSWASH (right or left side)
- 6. Drain Pump for 1.Rinse

Note: Machines with external units need extended working area.

DIMENSIONS

SuperSWASH II and III - Basic machine



DIMENSIONS

SuperSWASH II and III - Incl. accessories

