

Facility Requirements List

<i>Requirement</i>	<i>Description</i>	<i>Customer provides</i>	<i>Robotechnik provides</i>
Width x Depth x Height [mm] / Weight [kg]	approx. 1200 x 600 x 1470 / approx. 200	-	-
Noise level of the unit	< 70db(A)	-	-
Power requirements	System power supply	Voltage: 400VAC / 3 Phase + N+ PE / 50Hz Fuse current rating: 3 x 16Amps Type of plug: 16 Amps female CEE 5 pin	5m connection cable with CEE Plug 16A 5pin. 6h
Power consumption	peak approx. 3.5 kW	-	-
Vacuum	For chuck vacuum	Pressure: -0.65 - -0.75 bar	Vacuum pump as a separate device
Compressed air	Clean dry air (CDA) for pneumatics	Tube (outside Ø 8mm, inside Ø 6mm) Qty: 1 l/min, Qmax: 5 l/min (depends on use case) Pressure: 5.0 - 6.0 bar Quality: 5µm filtered, dry oil free	Push in connector for tube (outside Ø 8mm, inside Ø 6mm)
Drain	Process bowl drain	-	5 ltr. waste tank with high level connected sensors inside of the machine
Exhaust #1	Exhaust process bowl	Flexible chemical resistant tube, (inner Ø 110mm), flow rate: min. 20m ³ /h	Connection piece with manual throttle valve, outer Ø 110mm
Exhaust #2	Exhaust process chamber	Flexible chemical resistant tube, (inner Ø 110mm), flow rate: min. 80m ³ /h	Connection piece with manual throttle valve, outer Ø 110mm
Exhaust #3	Exhaust electrical cabinet section	Flexible chemical resistant tube, (inner Ø 110mm), flow rate: min. 40m ³ /h	Connection piece with manual throttle valve, outer Ø 110mm