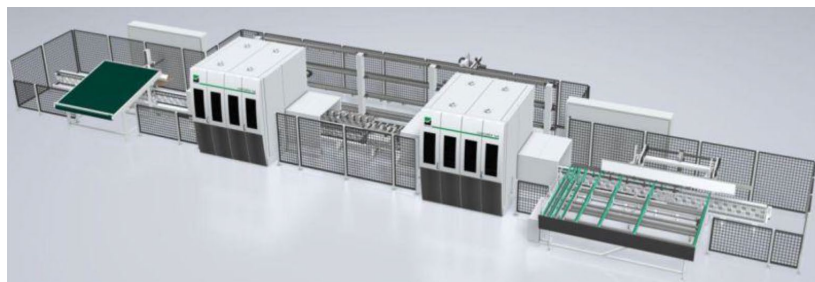


## Dimensions for Installation



### CNC- Profiling-Center

SOLID CNC CR 700, SOLID CNC CR 700 V, SOLID CNC CR 800 V

#### Power

Electric cable:	4-pole (3 x phase & 1 x protective ground)
Connected load:	80 kW
Electric current:	160 A
<b>Pre-fuse:</b>	<b>200 A</b>

#### Compressed Air

Nominal pressure - supply:	8 bar
Operating pressure - machine:	6 bar
Number of connections:	1 with an inside diameter of 25 mm
Min. diameter of fix installed supply (by client):	Ø 28 mm (1 1/4")

**NOTE:**

No bottlenecks (too small valves) shall be installed within the supply line.

**Use only dry and filtered compressed air!**

Required supplying quantity of the compressor:	1.100 l / min
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**NOTE:**

The supplying quantity must be selected larger if further machines / consumers are installed in the same supply line.

Min. container volume of the compressor:	300 l
Short-term peak value of the air consumption:	2.500 l / min
<b>Air consumption (averaged):</b>	<b>900 l / min</b>

#### Extraction

Differential pressure	1.800 Pa
Required air velocity at the extraction sockets:	30 m/s
Number of extraction sockets Ø 140mm	14 (without 5-axis-head)
Height above ground:	12 x 800mm / 2 x 2.900mm
Required air volume per socket Ø 140 mm:	1.680 m <sup>3</sup> /h
During operation active	12
Socket for cleaning tube	2
<b>Total required air volume:</b>	<b>20.160 m<sup>3</sup>/h</b>

#### Network

Connector:	RJ45
Position:	switch cabinet (see note in the installation plan)