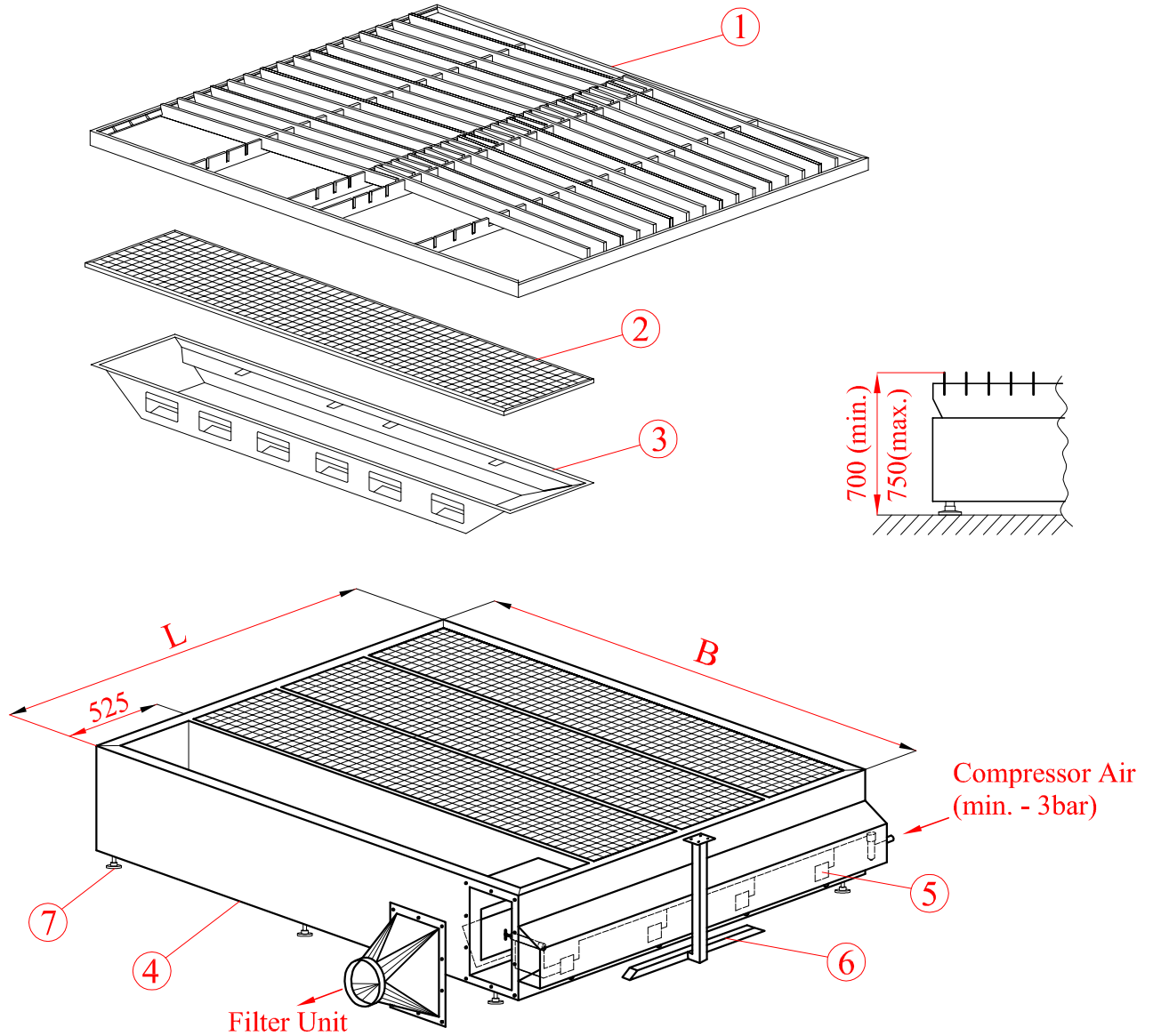


Technical Specifications-1

The extraction tables are designed and built to capture efficiently dust, smoke and fumes during Laser, Plasma or Flame cutting.

1-) Loading Capacity: 1500 kg/m²

Cutting bars : 105 x 5 mm

Distance of cutting bars: 105 mm

2-) Grid mesh. This avoids small parts from dropping into the Scrap / dust containers

Grid mesh size 50 x 50 x 5 mm.

3-) Scrap / dust container. It is designed and built properly to capture the fumes and dust. Scrap / dust containers are made of 3 mm thick sheet metal.

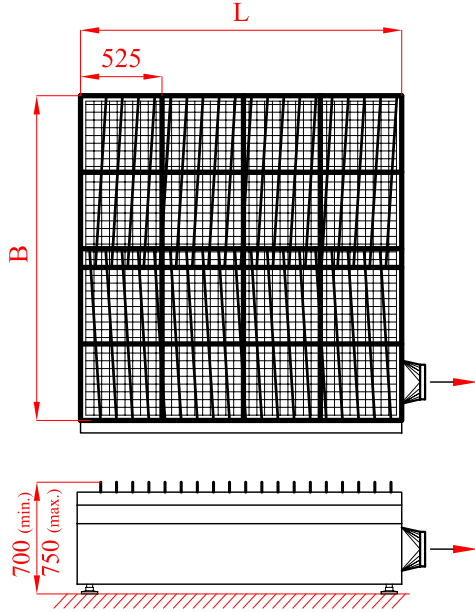
4-) The outer cover. The cover is made of 3 mm thick sheet metal.

5-) The extraction tables has a modular design. Each segment has 525 mm width with its own pneumatic cylinder and valve.

6-) Control Arm. The control of the valves on each segment is made by means of the control arm. It is connected to the CNC - bridge of Plasma, Laser or Flame Cutting.

7-) It is possible to adjust the base of the table so that the table height can be 700 ÷ 750 mm high depending on the customer choice.

Technical Specifications-2



Module Dimensions [mm]		Weight [kg]
B	L	
1620	1050	330
2120	1050	410
2620	1050	496
1620	2100	634
2120	2100	787
2620	2100	952

Extraction tables has a modular desing.The standart module sizes are shown above. Any required table sizes can be built with using these standart modules.

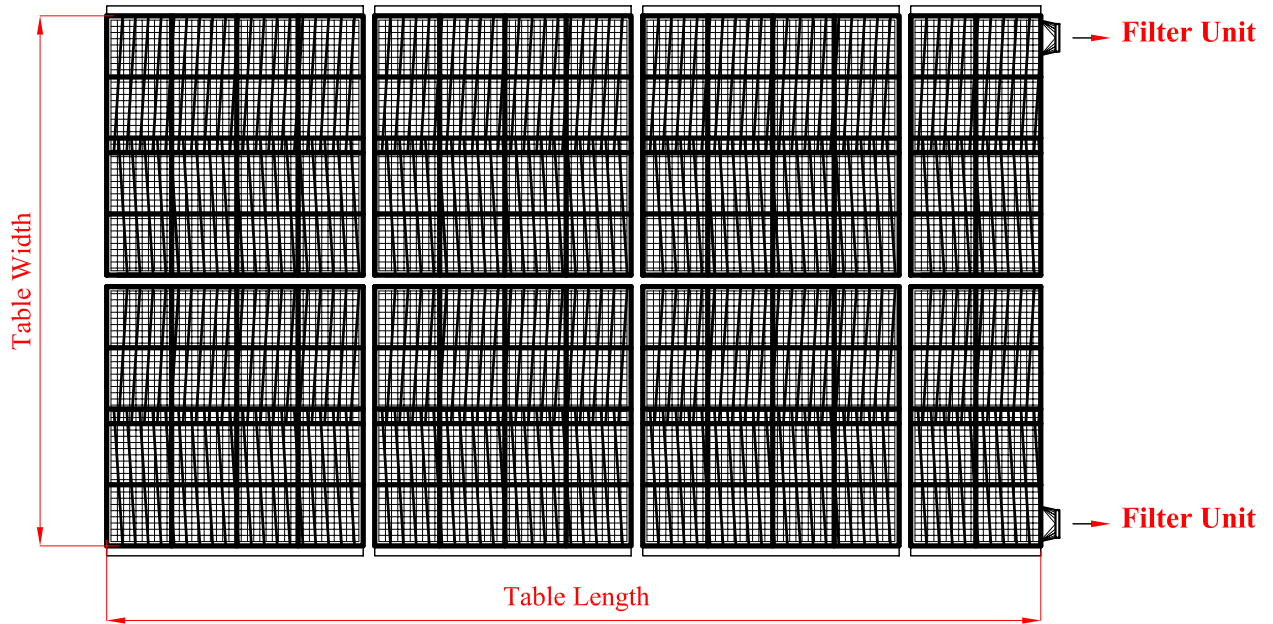
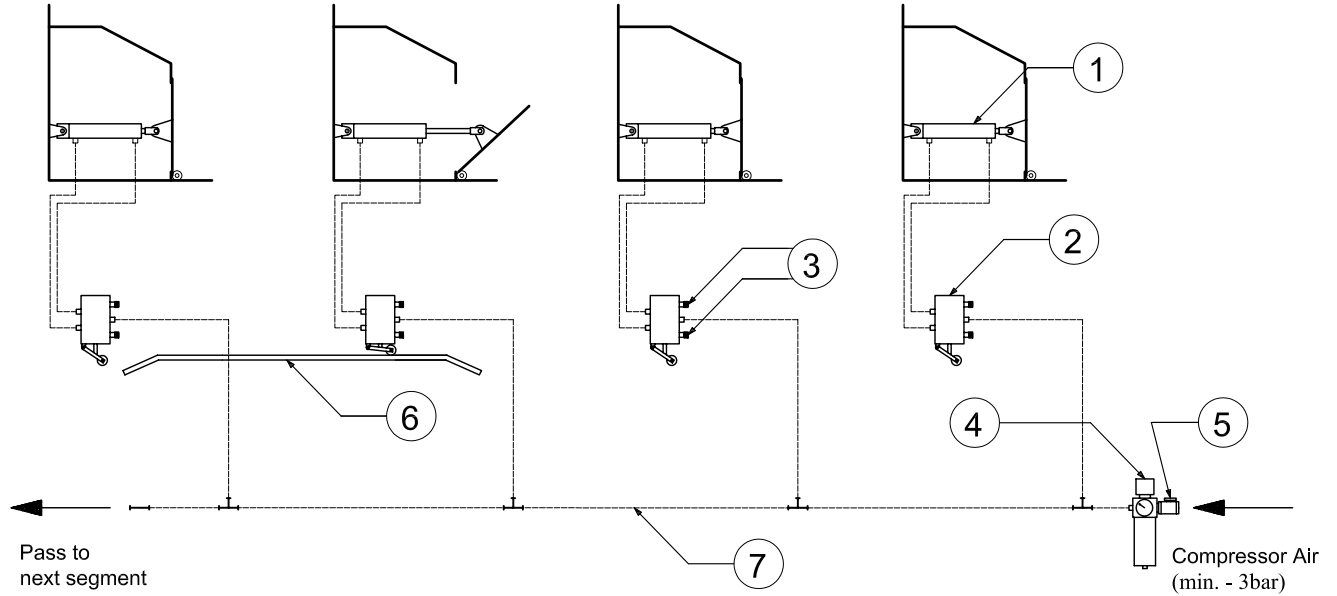


Table Width [mm]		1620 ----	2120 ----	2620 ----	3240 (1620+1620)	3740 (1620+2120)	4240 (2120+2120)	4740 (2120+2620)
Recommended filter unit	Air Flow [m3/h]	4000	5000	6000	8000	8000	10000	12000
	Type	PL-4000	PL-5000	PL-6000	PL-8000	PL-8000	PL-10000	PL-12000

Table Length [mm]								
1050 ----	2100 ----	3150 (2100+1050)	4200 (2x2100)	5250 (2x2100+1050)	6300 (3x2100)	7350 (3x2100+1050)	8400 (4x2100)	And any required dimension.



- 1- Pneumatic cylinder. Diameter - 25 mm. Stroke - 80 mm / type-6432 CDE
- 2- 5/2 pneumatic valve. 1/8" Type-EKCA 8/LR
- 3- Throttle valve 1/8". This is used to adjust manually the closing- and opening-speed of segment dampers.
- 4- Pneumatic filter, regulator ve manometer. 1/4". Minimum 3 bar of compressor air is required at the pressure air inlet of the extraction table. The air pressure will be adjusted between 1,5 - 2 bar in order to provide a smooth working for the segment dampers.
- 5- Valve 1/4" type-6310. This valve is used to interrupt the compressor air connection to the extraction table for service and maintenance purposes.
- 6- Pneumatic control rod. This rod is assembled to the CNC bridge of the laser, plasma or flame cutting so that it will open/close the segment dampers according to the position of cutting head. During the assembly work it is important to adjust the rod carefully so that the rod will push the pulley of "no:2 pneumatic valve" smoothly.
- 7- Flexible pneumatic hose. AD 6 mm - PU (polyurethan).