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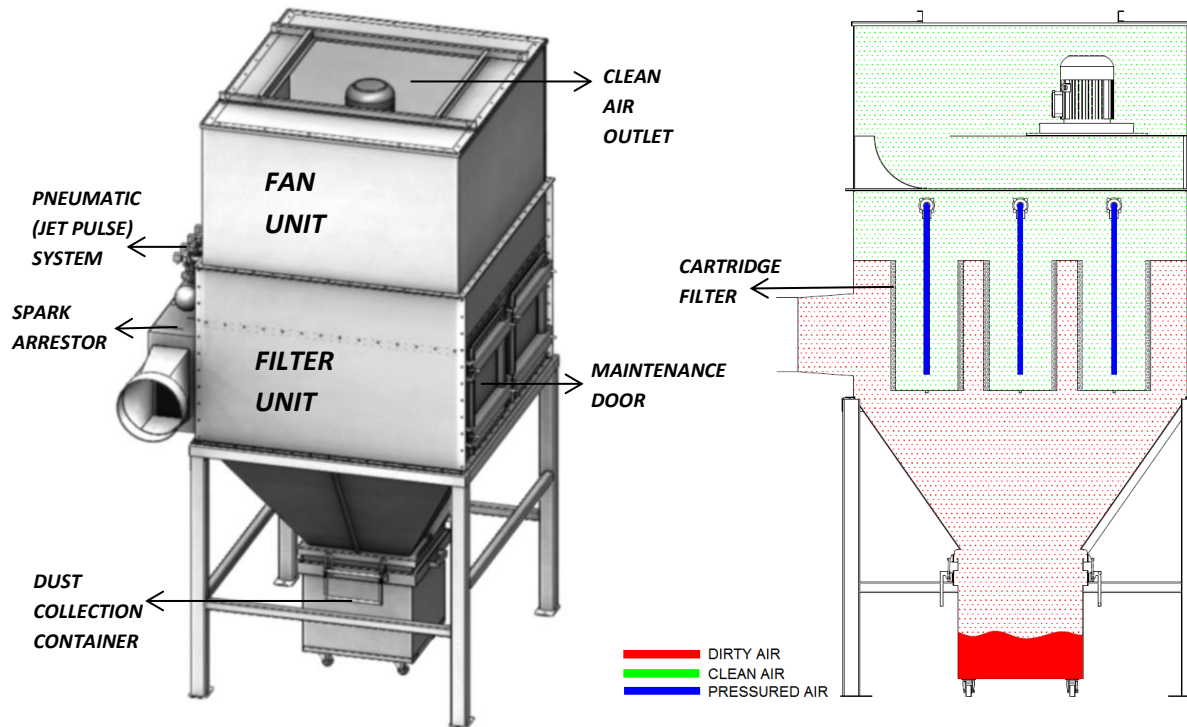
CUTTING TABLE – DUST COLLECTOR SYSTEMS

- ✓ The best technical solution for high powder concentrations
- ✓ High level filtering surface and compact design
- ✓ Heavy duty construction for long life in harsh industrial environments
- ✓ Excellent solution for locations where space is limited
- ✓ Lower pressure drop— greater energy savings
- ✓ High airflow rate for long and wide downdraft tables
- ✓ High filtration efficiency
- ✓ Automatic cleaning with pneumatic system
- ✓ Quick and easy maintenance
- ✓ Easy system setup
- ✓ Tables designed to fit perfectly to maximize the space in 20DC and 40DC containers
- ✓ Spark arrestor

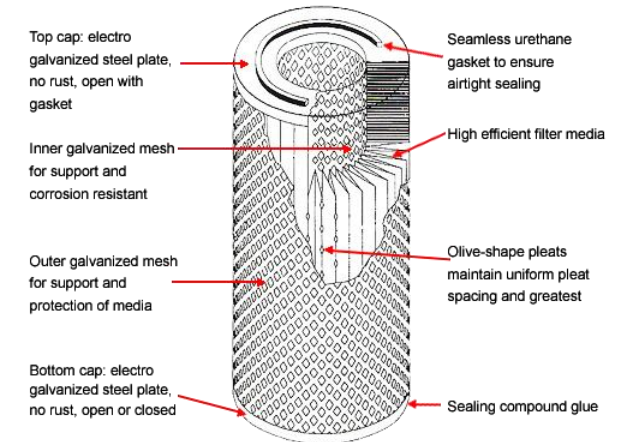
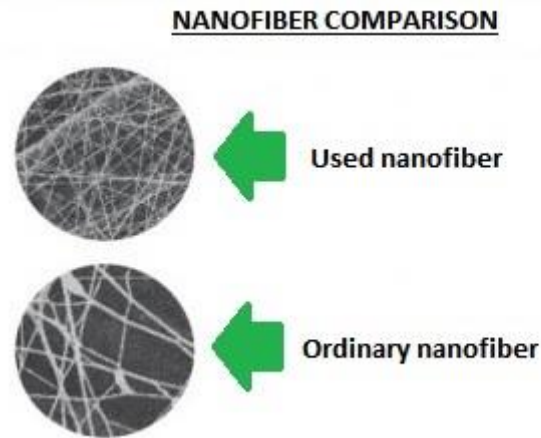
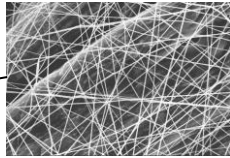


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CARTRIDGE FILTER DUST COLLECTOR

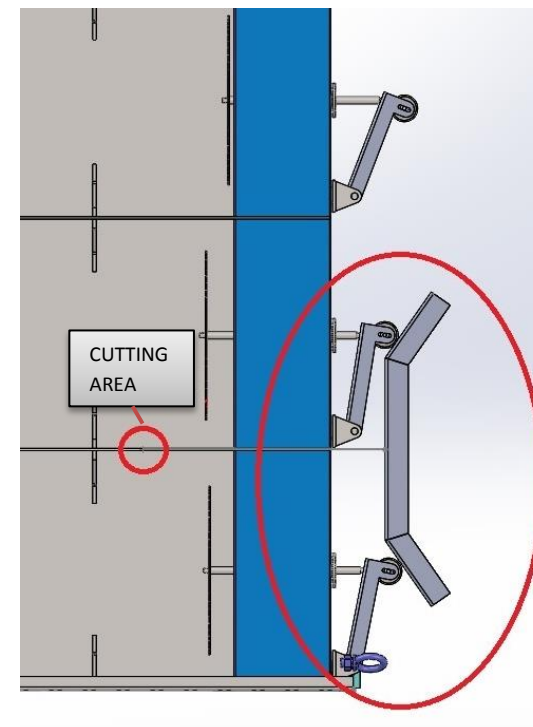


Cartridge filter dust collector is a dry filtration system used to purify the air from suspended solid particles. This type of filter units are generally used for decomposing the collected dust produced by general industrial applications, laser and plasma cutting units. Dust collector made up of filter unit and duct system which is used for sucking the dirty air. Cartridge dust collectors use jet pulse cleaning method. In this method periodic pulse of compressed air is sent across the cartridge to dislodge the dust cake, which forms on the outside of the cartridge filter. Dust particles are separated on the surface by nanofiber technology. The clean air flows upwards inside the cartridge filters and reaches to the clean air section of the filter unit. In this section, the clean air is sucked and blown in to the atmosphere either through directly or by duct system. When cartridge filters reach to a certain point of contamination, filter cleaning system is activated automatically and when cartridge filters are cleaned to a certain level, cleaning system is automatically disengaged. This cycle is checked by an electronic control system. Thus more effective and permanent working order occurs during the filtration. The separated dust which has been blown off the cartridges falls down to the dust collection container. It can be lowered very easy by using the leverage mechanism.



- ✓ **The industry's smallest available fibers provide the best available filtration efficiency on sub micron particulate**
 - ✓ **More fibers = Better surface loading**
 - ✓ **Unmatched release properties will offer reduced cleaning cycles**
 - ✓ **Saves compressed air and energy cost**
 - ✓ **Reduced outlet emissions = CleanerAir**
 - ✓ **Less pulsing and stress = Longer Filter Life**
 - ✓ **Fewer filter changes = Lower Disposal Costs**
 - ✓ **Fire reterdant**

DOWNDRAFT CUTTING TABLE



The downdraft cutting table integrated into plasma and oxy-fuel cutting machines, allows the support and the processing of the cutting sheet metal to capture fumes, dust and swarf. The part of the downdraft cutting table in the areas activated by the cutting machine allows to focus the suction of fumes and dust in order to reduce the required air flow and optimize the consumption. Both side suction duct connects each table together. When the exhaust flaps at a corresponding region is open, the suction air flows from that region, exhaust flows to the suction duct and from there to the central exhaust system.

Activation of the flaps by a sledge fixed to the cutting machine, this system permits suction of exhaust fumes, dust and swarf exclusively at the location of cutting. When the plasma torch is between two regions, the two adjacent regions will have both valves open.





The high-quality steel used that has excellent strength, flexibility, sealing, and is not easily deformed.



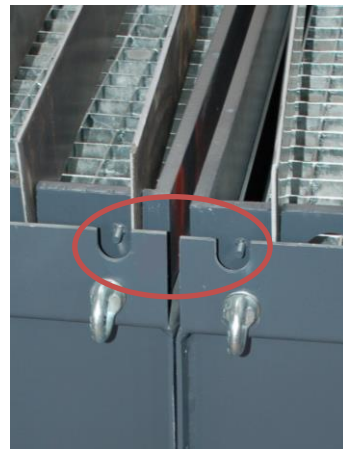
Depending on the width a table has 1 or two 2 exhaust channels.



Stable slag boxes – easy to remove and to clean



Mash for small parts prevents cut parts from falling into the slag box – saves time for recovery of the parts



Earthing cable.



Compact design – Cutting width almost equals table width.



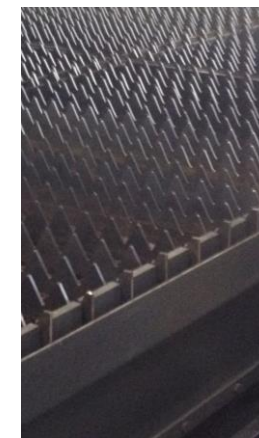
The leveling feet have an adjustable height range



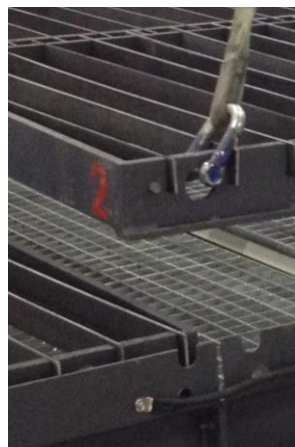
**Modular design for an easy installation, stock and transport.
Tables can be combined according to the number of modules.**



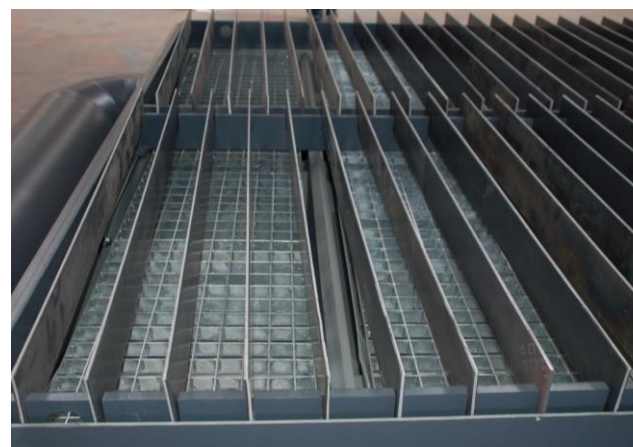
Lifted in place via crane hooks.



Slats can be produced in different sizes and shapes depending on the cutting conditions.



Cutting grid frame is made of strong steel frame, can be lifted out as a whole for easy replacement of slats



Slats are diagonally running to ensure a safe and accurate cutting, especially of small parts and rectangular shapes.



System is installed with channel connections to the filter unit.



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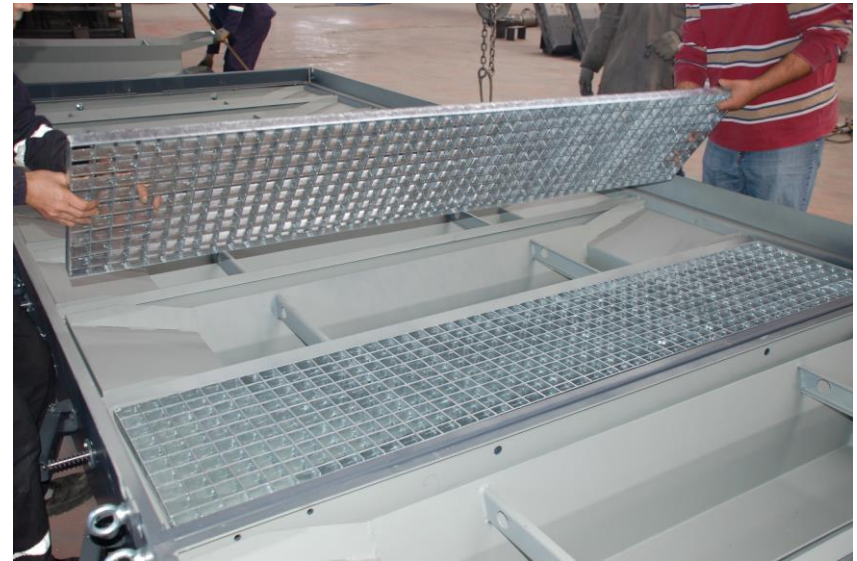
ASSEMBLY



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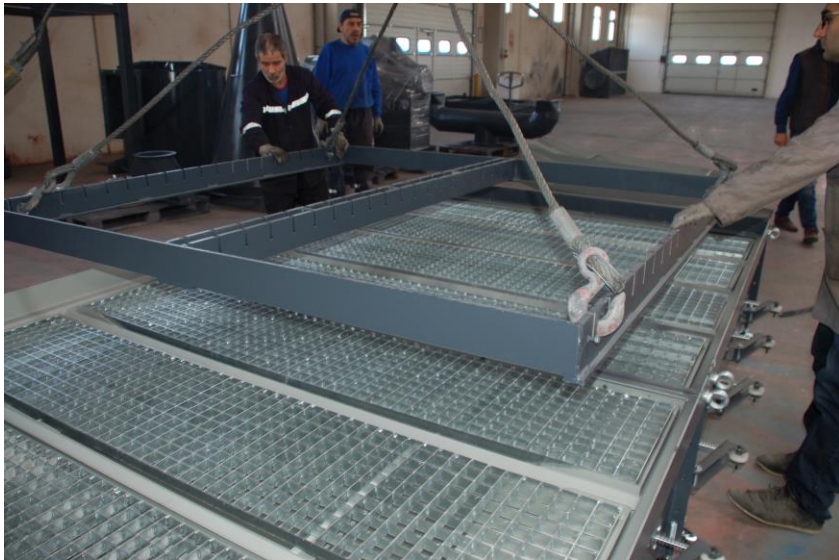
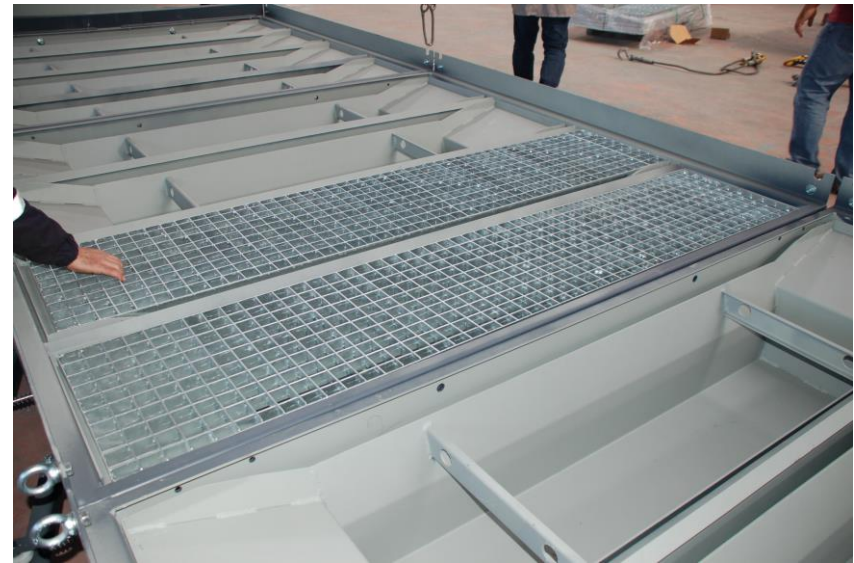


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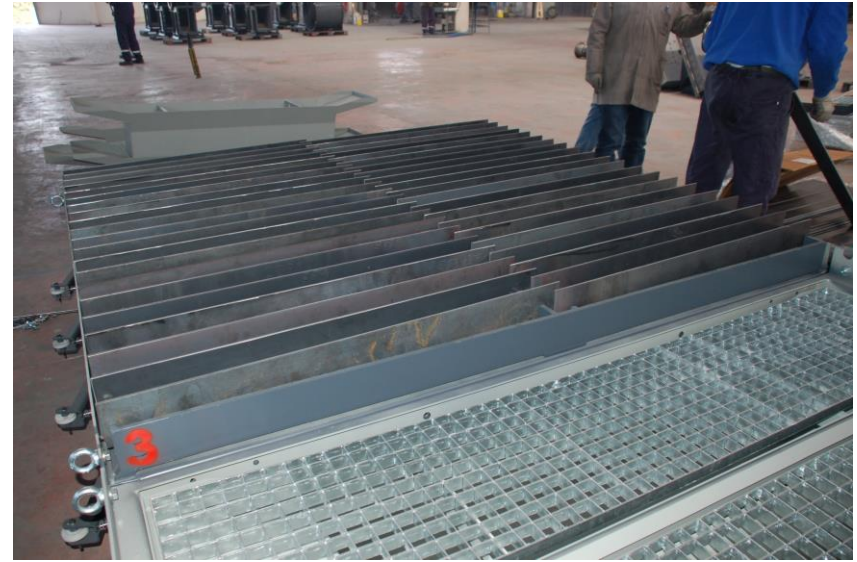
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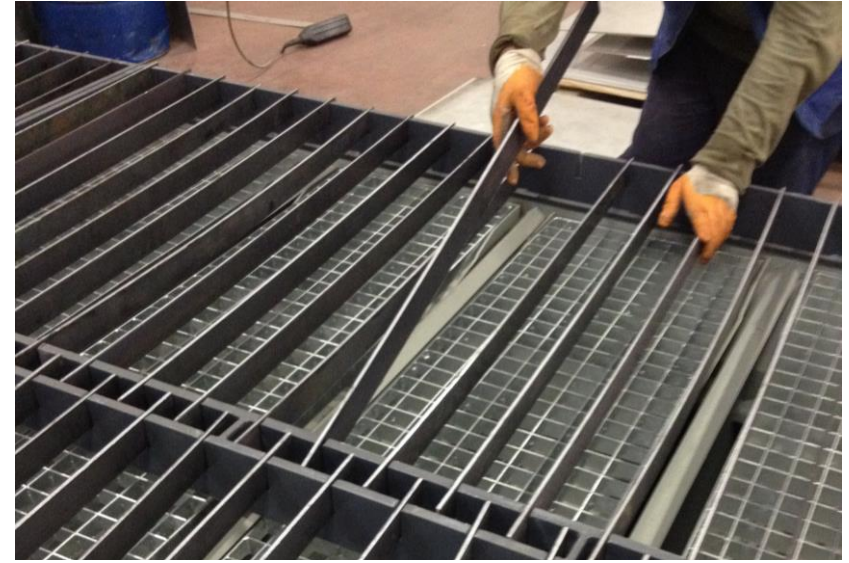
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INSTALLATION



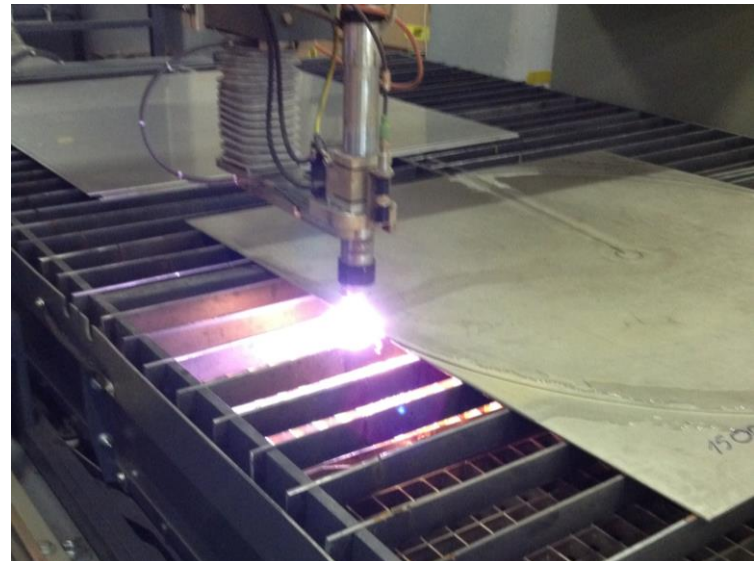
INSTALLATION



INSTALLATION



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Merkez / H. Office Tel: +90 212 551 1112

Fabrika / Factory Tel: +90 282 373 7088

info@incircioglu.com

www.venttek.com www.incircioglu.com



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