

EXTRACTION TABLES

Extraction tables for dry cutting

The extraction tables with air extraction offers unrivalled efficiency in terms of fume extraction thanks to its unique system of transverse extraction ducts.

Robustly designed in one-piece or modular form, the table is divided over its length into multiple sections, extraction taking place across the full width of the table on the module in operation only.

Mechanical or pneumatic flaps actuated by the displacement of the machine provide suction under the sheet at the place of cutting only.

This principle of operation guarantees optimum extraction, irrespective of the size of the sheet being cut, while maintaining a modest extraction air-flow rate.

Technical characteristics:

- Transverse duct extraction system,
- Division into 0.75 meter sections over the length of the table,
- Removable slag boxes,
- Removable workpiece supporting frame with flat irons (section 100 x 6 mm) and wire mesh grid (50 x 50 x 5 mm),
- Maximum capacity: sheet up to 300 mm thick.



Variable water level tables

Variable water level tables are specifically intended for immersed plasma cutting.

This procedure limits pollution by solid or gaseous matter and gives protection against audible and visual stress.

It improves accuracy of cutting while limiting distortions caused by heating of the workpiece.

Technical characteristics:

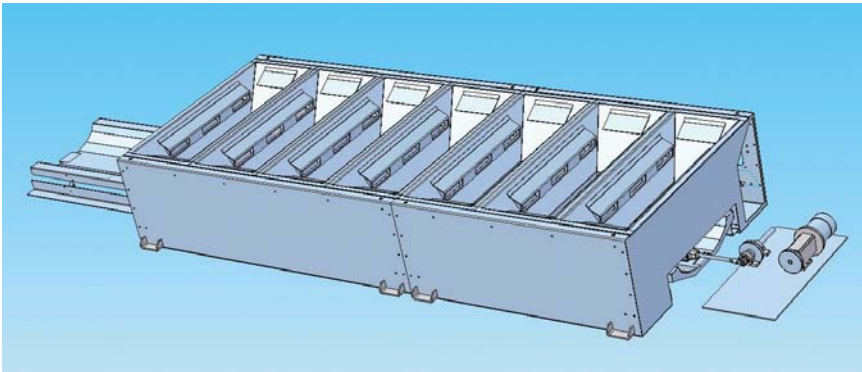
- Modular construction in lengths of 1.5, 1.75 and 2 m,
- Width: on request,
- Pivoting workpiece support frame.



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Table with slag automatic outfeed

The table has at its base a vibrating belt automatically recovering slag and possibly very small cut pieces. The automatic cleaning system significantly extends the maintenance table maximizing cutting time.



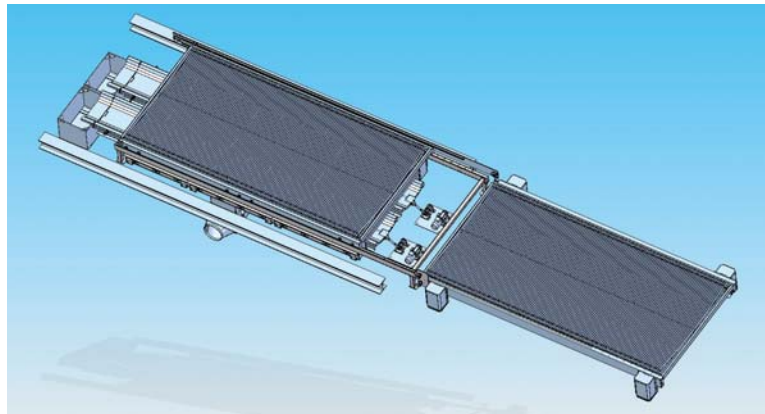
Technical characteristics:

- Transverse duct extraction system, monobloc or modular design,
- Division into 0,6 meter sections over the length of the table,
- Vibrating system recuperator of slag,
- Removable workpiece supporting frame with flat irons (section 150 x 6 mm),
- Maximum capacity: sheet up to 120 mm thick. (more on request),
- Length on request
- Standard width : 1.5 - 2 - 2.5 m.

Palletisable table

The palletisation system allows loading and unloading of sheets to cut out of the cutting area.

The preparation of sheets to cut is performed in masked time without risks for the operator.



Technical characteristics:

- Cut area design : monobloc or modular,
- Division into 0.6 meter sections,
- Standard length : 3 m (more on request),
- Standard width : 1.5 - 2 - 2.5 m,
- Maximum capacity : 1900 kg/m²,
- Mini height : 1 000 mm (installation without civil works),
- 2 carriages support sheet (electrical movement) with flat irons section 150 x 6 mm,
- 1 hydraulic elevator support for carriages palletisation,
- Option : slag automatic outfeed.