



CEL COMPONENTS S.r.l.

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AUTOMATIC HONEYCOMB BLOCKS' BAND-SAW



SNH 2100

Automatic band saw with vertical blade and moving blade holder arc

This automatic vertical-cut band saw is designed for the automatic cutting of aluminium honeycomb reams.

It is provided with a blade holder arc sliding on linear guides: this configuration ensures uniform sliding and constant stiffness along the whole path of the blade holder arc.



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Precise

In years of operation this machine has proven to be extremely accurate and to exceed the requirements of the aluminium honeycomb market

Quick

Thanks to the possibility of stacking blocks up to a total thickness of 25 cm, and more if required, and to the higher feed rate of carbide tipped blade, this saw is the quickest, in terms of square centimeters cut per minute.

This performance means an unparalleled high output in terms of slices -per-cut and per total cutting cycle, especially when you cut low density honeycomb.

Automatic

Processing stacks of several blocks reduces considerably the labor needed to set up a working cycle, instead of having an operator loading and downloading each single beam. As a consequence, this saw is ideal for unattended operations and work - shifts.

Less waste

Using a blade only 0,9 mm thick, the quantity of scrap per cut is reduced to a minimum; moreover, the limited depth of the clamps allows very thin final rest-slices. In other terms, with this machine you can cut more slices out of each block.

Dependable

This saw is designed to perform much heavier jobs, like cutting steel and iron. Therefore it is more than generously dimensioned to work on aluminum.

All electrical, hydraulic and standard mechanical components are made by world-class suppliers; in case of need they can be sourced locally anywhere.

Since the construction is very simple, maintenance and adjustments are extremely reduced and self-explanatory. The control software can be checked, rewritten and reloaded from a remote pc.

User friendly

As a two axis machine, PLC controlled, this saw is very easy to operate, also for workers that are not trained on CNCs. Overall safety meets CE standards.