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MACHINE MODEL

VBS 600 S

Manual vertical bandsaw with fixed table

Short description

VBS 600 S is the manual vertical bandsaw with fixed table (made in cast-iron) that can be inclined up to 15° to ease material loading, support and user's workflow while cutting. It's a solid, resistant, easy to use professional working tool, suitable to be used in every production plant and steel works factory to efficiently cut tubes and profiles.



Cutting capacity (l x h)	600 x 500 mm
Loading table capacity	600 x 760 mm
Handwheels diameter	625 mm
Handwheels number	2
Blade size	5060 x 27 x 0.9 mm
Blade motor power	4 kw
Blade speed	120 - 1200 m/min
Power supply	400 volt - trifase + T
Machine size	2745 x 1410 x 1200 mm
Machine weight	980 kg
Working table height	1080 mm



Features



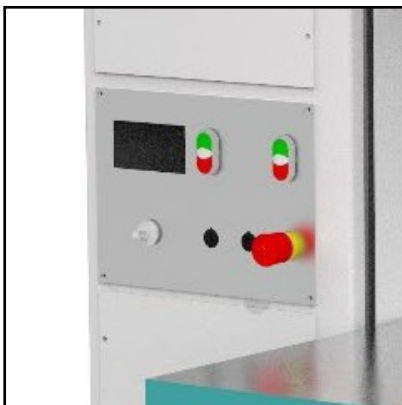
Machine base

VBS 400 S base is made in electrowelded steel with rigid structure for the best stability (and reduce bindings and vibrations) while cutting; it's equipped with two screws to lock it to the production floor. Fixed table is mounted on the upper side of the base.



Sawframe

The machine sawframe is made also in electrowelded steel and it supports two hand-wheels: the first positioned on the mobile tube with manual blade tensioning system (by an hand-wheel), the other is motorized with motoreducer managed by vectorial inverter.



Panel control

The machine is manual with a panel control placed at the same height of the table. Thanks to the easy-to-use digital LCD display, the operator can set and regulate the blade rotation speed according to the material.



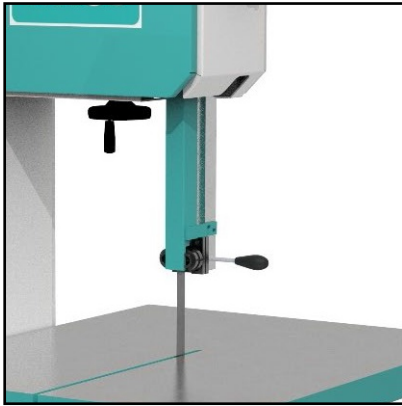
Fixed table

The supporting plate (or table) of VBS 600 S is made in cast-iron and positioned on the upper side of the machine base with the possibility to set up to 15° inclination.



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Blade guides and blade alignment

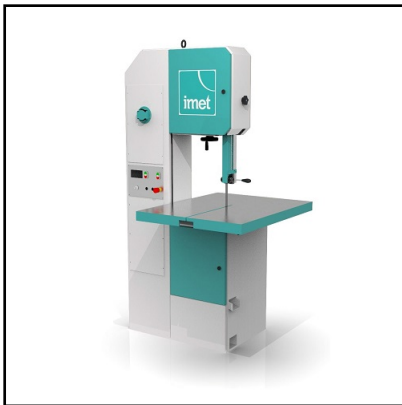
The machine is equipped with two blade guides for blade alignment: the first positioned under the plate and the second mounted on the blade guide rod, adjustable on the base of the material thickness. The rod is put in action by a dedicated hand-wheel with mechanical brake to maintain the STOP in position.



Minimal lubrication (Optional)

OPTIONAL

It's available upon request a supplementary minimal lubrication system.



Length stop (Optional)

OPTIONAL

It's available a 740mm length stop to ease operator workflow.