

MACHINE MODEL

VBS 400 S

Manual vertical bandsaw with fixed table

Short description

VBS 400 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)	400 x 420 mm
Loading table	fixed
Loading table size	600 x 600 mm
Loading table capacity	200 kg
Handwheels	2
Blade size	3600 x 6:20 x 0,9 mm
Blade motor power	4 kw
Blade speed	50 - 1000 m/min
Blade tension	Manual
Power supply	400 volt - trifase + T
Machine size	2225 x 1120 x 770 mm
Weight	495 kg
Working plate height	1080 mm

Features



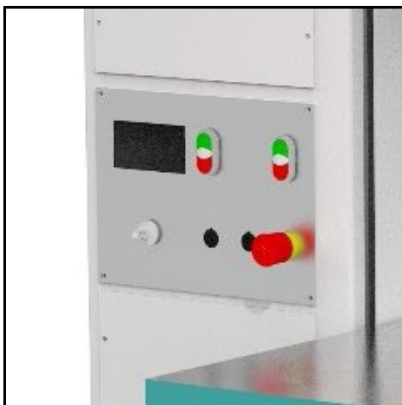
Machine structure

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.



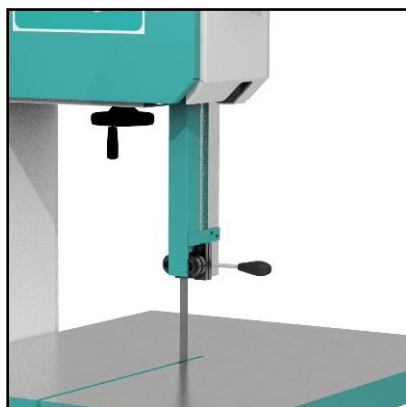
Panel control

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 400 S is made in cast-iron and positioned on the upper side of the machine base. Total area of standard table: 600x600mm with 200kg loading capacity.



Blade guides and 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.



Fixed table inclination (Optional)

OPTIONAL

It's possible to require to in option the fixed table with an inclination of 15° to ease the management and loading of materials.



Mobile loading table (Optional)

OPTIONAL

VBS 400 S can also mount a special mobile table made in cast-iron with a loading area of 600x760mm and a repeteable stroke of 260mm.



Minimal lubrication system (Optional)

OPTIONAL

It's available in option the minimal lubrication system with water and oil.