



BTM 
ADVANCED TECHNOLOGY BANDSAWS

AUTOMATIC 90° FIX CUT
TILTED WHEELS - SMALL SIZE - AT LINE



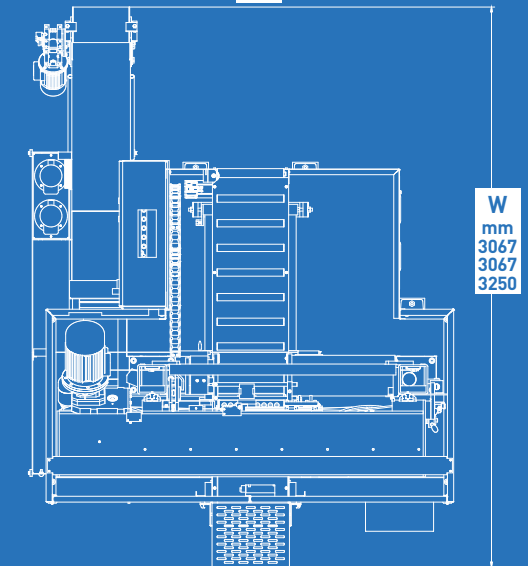
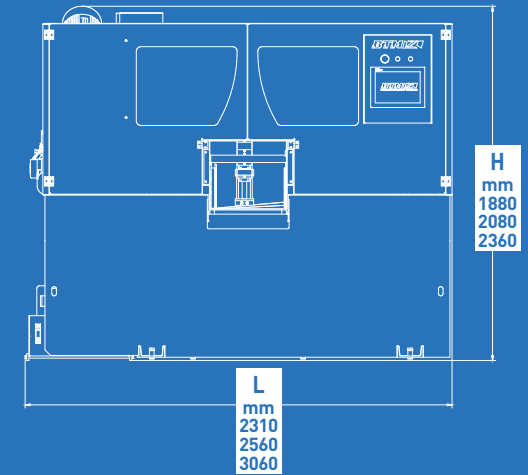
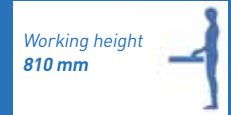
First producer of head e tail tecnology: Power, fast and reliability without scrap

Twin-column automatic bandsaw machines, heavy construction for high working performance.

Fully customizable programming, automatic positioning of material, minimal material remnant length.

Monitoring at the machine or from remote location of the cut surface parallelism and verticality: on request the machine can be equipped with a special three-axis CNC gauge measurement device that, mounted on a up/down movement hydraulic feeler pin, via a touch probe checks multiple points of the piece.

		Mod. AT 360 TC	Mod. AT 460 TC	Mod. AT 560 TC
		90°	90°	90°
Cutting capacities mm		360	460	560
		360	460	560
(optional) Hydraulic bundle clamping device 		360 x 190	460 x 240	560 x 280
Blade dimensions		4540 x 34 x 1,1 mm	5300 x 41 x 1,3 mm	6200 x 54 x 1,6 mm
Blade motor power		3 kW	4 kW	5,5 kW
Feeding carriage motor power		4,5 Nm	6,3 Nm	9,3 Nm
Cooling pump motor power		0,4 kW	0,4 kW	0,4 kW
Hydraulic pump motor power		1,5 kW	1,5 kW	1,5 kW
Chip conveyor motor power		0,25 kW	0,25 kW	0,25 kW
Blade speed		25 ÷ 130 m/min	15 ÷ 160 m/min	20 ÷ 100 m/min
Fast downfeed		3500 mm/min	3500 mm/min	3500 mm/min
Infeed arriage stroke		600 mm *	600 mm *	600 mm *

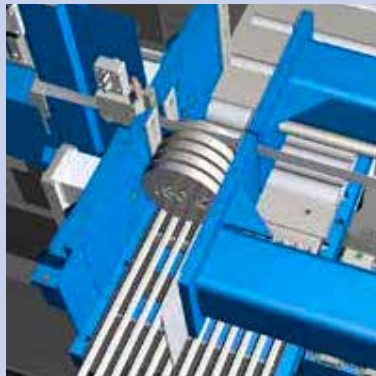


Technical features

- Bow, base and columns made in welded steel structure
- Vertical bow descent on ball bearing guides
- Hydraulic blade tensioning with mechanical pretension
- Low noise hydraulic system
- Automatic bow fast up/down movements controlled by feeler pin
- Laser light device for head and tail piece detecting
- Possibility to store up to 99 cutting programs
- Feeding carriage controlled by Brush-Less motor and ball bearing screw

Head&Tail technology: power, fast and reliability without scrap

!
SMALL SIZE
HIGH PERFORMANCES
NO SCRAP LENGTH



Optional accessories and roller tracks




1.200 kg/m

Mod AT 360 TC

- Powered roller
- Powered roller knurled tempered
- Piece aligner
- Dry cooling device
- Hydraulic bundle clamping device
- Industry 4.0 only for TOUCH
- Teleservice only for TOUCH

OUTFEED ROLLER TRACK
Carrying capacity : 1.200 Kg/m.
With safety edge and water collection tank.
Available in modules from 1 to 6 m long. Different lengths on request.
The roller track can be open or closed with removable plates between rollers.
Available roller pitch : 450/250/125 mm.



Piece aligner



Chip conveyor



Powered roller knurled tempered



1.200 kg/m

INFEED ROLLER TRACK

Carrying capacity : 1.200 Kg/m.

With water collection tank.

Available in modules from 1 to 6 m long. Different lengths on request.

Available roller pitch : 450/250/125 mm.

SYSTEMS INSTALLED AT OUR CUSTOMERS SITES



AP 360 TC with unloading device



Special unloading device



AT 460 TC aluminium cutting with loading



Special system for tubes and chromes cutting with internal cleaning. 12 m loading device



AT 360 TC



AT 560 TC



Loading system 6 m long



360 TCT with single station loading device

Since 1982



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BTM since the early 80s is the leader in the design and production of special and oversized bandsaw machines, to satisfy the special needs of the customers who want a reliable, safe and custom-made product.

The final result is a custom machine developed by the close co-operation between BTM and its customers. The design engineering, production, assembly, and the final machine testing are all performed by highly skilled personnel at btm's plants, following the "MADE IN ITALY" philosophy.

Btm Srl reserves the right at any time and without advance notice to introduce modifications to the present catalogue. The images and data in this catalogue must be considered for you for reference only.