



**BTM**   
ADVANCED TECHNOLOGY BANDSAWS

AUTOMATIC 90° FIX CUT  
STRAIGHT WHEELS - 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.

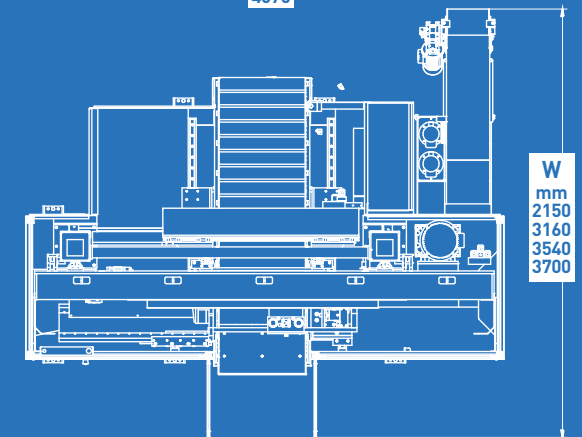
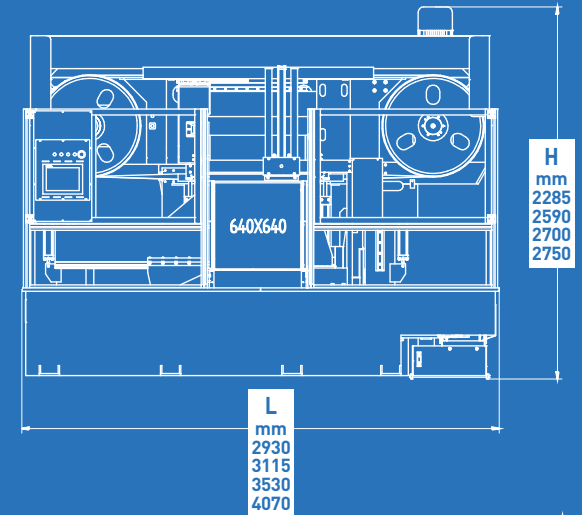
Monitoring at the machine or from remote location of the cut surface parallelism and verticality: on request the machine can be equipped with a special three-axis CNC gauging measurement device that, mounted on a up/down movement hydraulic feeler pin, via a touch probe checks multiple points of the piece.

		Mod. AT 440 TC	Mod. AT 540 TC	Mod. AT 640 TC	Mod. AT 740 TC
		90°	90°	90°	90°
Cutting capacities mm		440	540	640	740
		440	540	640	740
		440 x 440	540 x 540	640 x 640	740 x 740
BASIC optional Hydraulic bundle clamping device		440 x 230	540 x 280	640 x 330	740 x 380
	MAX 	440 x 440	540 x 540	640 x 640	740 x 740
Blade dimensions		6300 x 41 x 1,3 mm	6500 x 54 x 1,6 mm	7450 x 54 x 1,6 mm	8400 x 67 x 1,6 mm
Blade motor power		5,5 kW	7,5 kW	7,5 kW	11 kW
Feeding carriage motor power		5,6 Nm	9,3 Nm	11 Nm	11 Nm
Chip conveyor motor power		0,25 kW	0,25 kW	0,25 kW	0,25 kW
Cooling pump motor power		0,4 kW	0,4 kW	0,4 kW	0,4 kW
Hydraulic pump motor power		2,2 kW	2,2 kW	2,2 kW	2,2 kW
Blade speed		20 ÷ 100 m/min	20 ÷ 100 m/min	20 ÷ 100 m/min	20 ÷ 100 m/min
Cutting downfeed		0 ÷ 200 mm/min	0 ÷ 200 mm/min	0 ÷ 200 mm/min	0 ÷ 200 mm/min
Infeed carriage stroke		600 mm*	600 mm*	600 mm*	600 mm*



Working height  
790 mm  
630 mm mod AT 740 TC

  
4700  
6000  
6700  
8000



- Bow and base made in welded steel structure
- Low voltage electrical system according to EC rules
- Reducer unit with hardened and ground gears
- Automatic bow fast up/down movements controlled by encoder
- Vertical bow descent on ball bearing guides
- Chip conveyor
- Cleaning brush

HEAD E TAIL TECHNOLOGY: POWER, FAST AND RELIABILITY WITH NO SCRAP



! HIGH PERFORMANCES  
NO SCRAP LENGTH

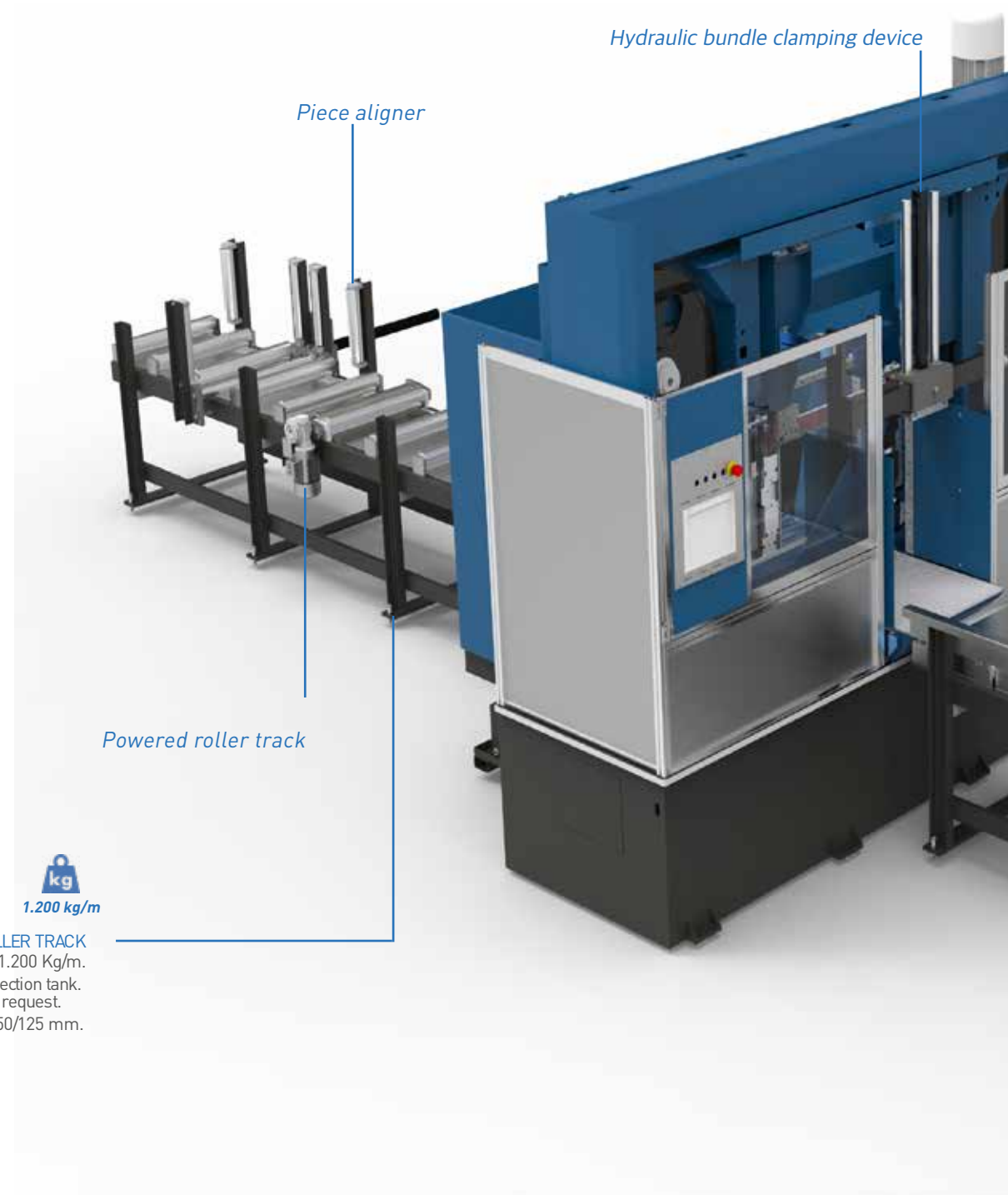


AT 640 TC

## Optional accessories and roller tracks



- Powered roller
- Powered roller knurled tempered
- Piece aligner
- Dry cooling device
- Hydraulic bundle clamping device BASIC
- Hydraulic bundle clamping device MAX
- Industry 4.0
- Teleservice + Industry 4.0



  
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.

Mod AT 640 TC



Chip conveyor



1.200 kg/m

**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.



OUR CUSTOM MADE SYSTEMS DESIGNED TO MEET THE NEEDS OF OUR CUSTOMERS



AT 640 TC with in-outfeed roller track



AT 440 TC carriage stroke 1500 mm with loading and unloading unit







AT 740 TC with loading and outfeed roller track



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.*