

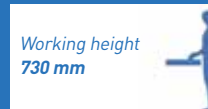


BTM 
ADVANCED TECHNOLOGY BANDSAWS

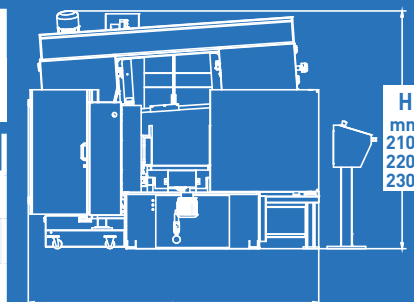
AUTOMATIC 90° FIX CUT
AP LINE



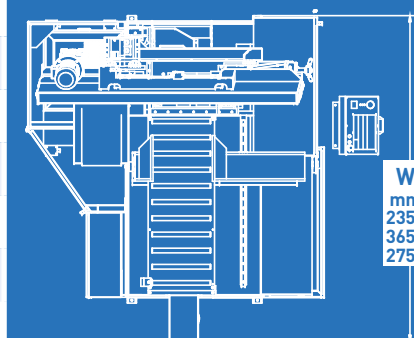
AUTOMATIC TWIN-COLUMN BANDSAW MACHINES 90° FIX CUTTING



		Mod. AP 350 A F	Mod. AP 450 A F	Mod. AP 500 A F
		90°	90°	90°
Cutting capacities mm		350	450	500
		350	450	500
		400 x 350	500 x 450	500 x 500
BASIC optional Hydraulic bundle clamping device		400 x 185	500 x 235	500 x 260
	MAX	400 x 350	500 x 450	500 x 500
Blade dimensions		4000 x 34 x 1,1 mm	4950 x 34 x 1,1 mm	5300 x 41 x 1,3 mm
Blade motor power		2,2 kW	2,2 kW	3 kW
Cooling pump motor power		0,12 kW	0,12 kW	0,12 kW
Hydraulic pump motor power		0,75 kW	0,75 kW	0,75 kW
Feeding carriage motor power		0,37 kW	0,37 kW	0,75 kW
Chip conveyor motor power		0,09 kW	0,09 kW	0,09 kW
Blade speed		20 ÷ 100 m/min	20 ÷ 100 m/min	20 ÷ 100 m/min
Cutting downfeed		0 ÷ 120 mm/min	0 ÷ 120 mm/min	0 ÷ 120 mm/min
Fastdownfeed		3500 mm/min	3500 mm/min	3500 mm/min
Feeding carriage stroke		800 mm*	800 mm*	800 mm*



L
mm
1850
2560
2850



Twin-column automatic bandsaw machine. The machine is versatile, reliable and suitable for profiles, tubulars and beams cutting.

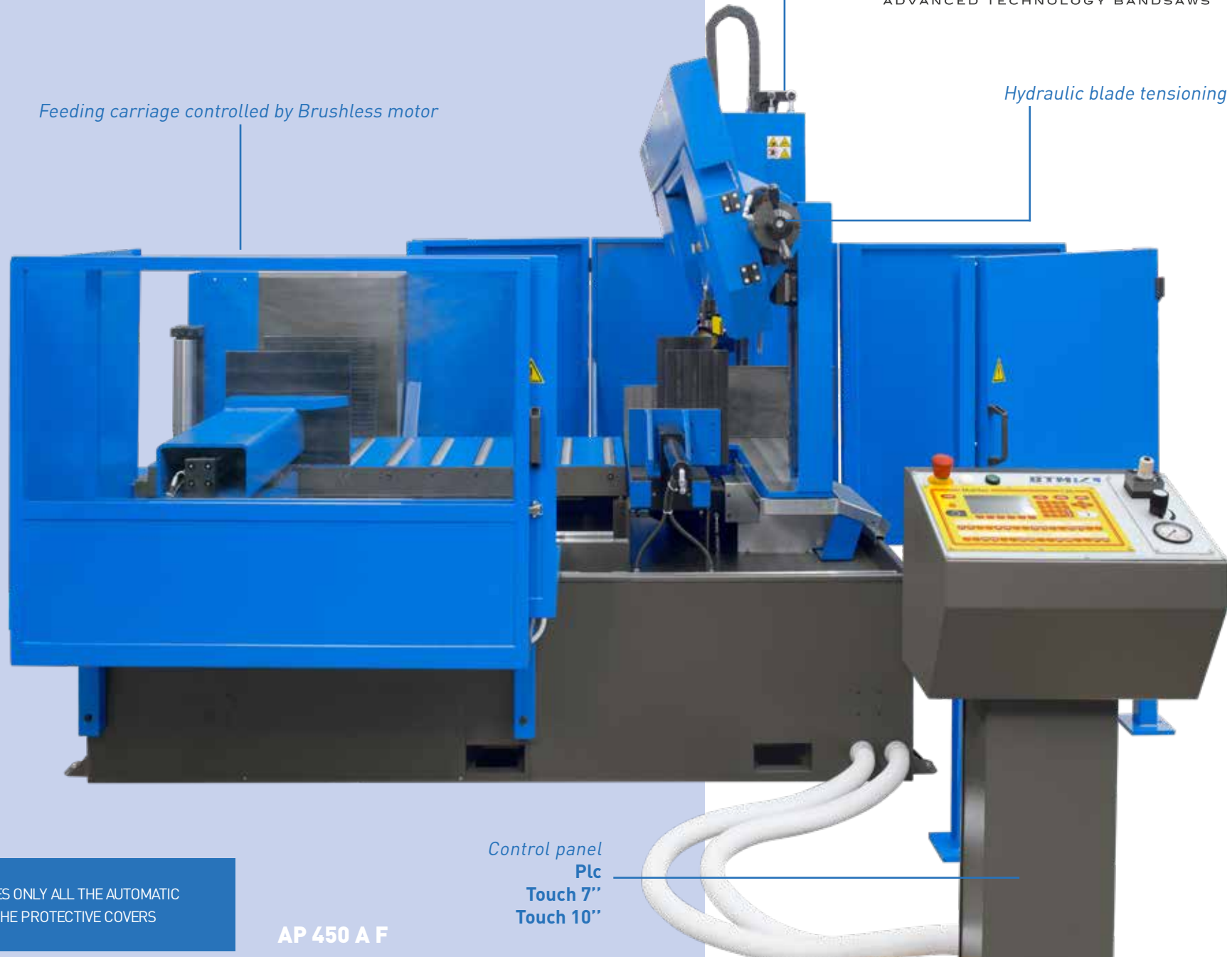
Technical features

- Bow, base and columns made in welded steel structure
- Vertical bow descent on double ball bearing guides
- Hydraulic blade tensioning
- Reducer unit with hardened and ground gears
- Feeding carriage controlled by Brushless motor
- Cleaning brush
- Chip conveyor
- Low voltage electrical system according to EC rules

Vertical bow descent on double ball bearing guides

Feeding carriage controlled by Brushless motor

Hydraulic blade tensioning



AP 450 A F

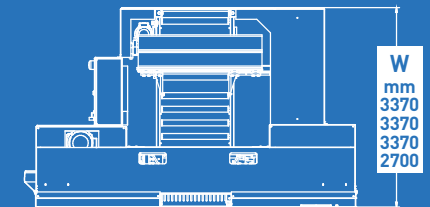
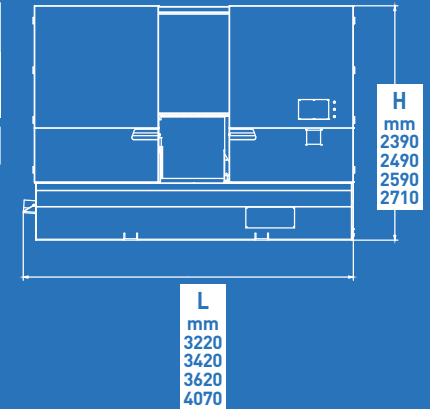
Control panel
Plc
Touch 7"
Touch 10"

IMAGE FOR DEMONSTRATION PURPOSES ONLY ALL THE AUTOMATIC
MACHINES WILL BE SOLD WITH ALL THE PROTECTIVE COVERS

AUTOMATIC TWIN-COLUMN BANDSAW MACHINES 90° FIX CUTTING



		Mod. AP 7.5 A F	Mod. AP 7.6 A F	Mod. AP 7.7 A F	Mod. AP 8.8 A F
		90°	90°	90°	90°
Cutting capacities mm		510	610	710	810
		510	610	710	810
		710 x 510	710 x 610	710 x 710	810 x 810
BASIC optional Hydraulic bundle clamping device		710 x 265	710 x 315	710 x 365	810 x 415
	MAX	710 x 510	710 x 610	710 x 710	810 x 810
Blade dimensions		5800 x 41 x 1,3 mm	6740 x 54 x 1,6 mm	7450 x 54 x 1,6 mm	8900 x 54 x 1,6 mm
Blade motor power		4 kW	5,5 kW	5,5 kW	5,5 kW
Cooling pump motor power		0,12 kW	0,12 kW	0,12 kW	0,12 kW
Hydraulic pump motor power		1,5 kW	1,5 kW	1,5 kW	1,5 kW
Feeding carriage motor power		0,75 kW	0,75 kW	0,75 kW	0,75 kW
Chip conveyor motor power		0,09 kW	0,09 kW	0,09 kW	0,09 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
Fastdownfeed		3500 mm/min	3500 mm/min	3500 mm/min	3500 mm/min
Feeding carriage stroke		800 mm*	800 mm*	800 mm*	800 mm*



Twin-column automatic bandsaw machine. The machine is versatile, reliable and suitable for profiles, tubulars and beams cutting.

Technical features

- Bow, base and columns made in welded steel structure
- Vertical bow descent on double ball bearing guides
- Hydraulic blade tensioning
- Reducer unit with hardened and ground gears
- Feeding carriage controlled by Brushless motor
- Cleaning brush
- Chip conveyor
- Low voltage electrical system according to EC rules

Feeding carriage controlled by Brushless motor

Control panel
Plc
Touch 7" - Touch 10"

Chip conveyor



IMAGE FOR DEMONSTRATION PURPOSES ONLY ALL THE AUTOMATIC
MACHINES WILL BE SOLD WITH ALL THE PROTECTIVE COVERS

AP 7.7 A F

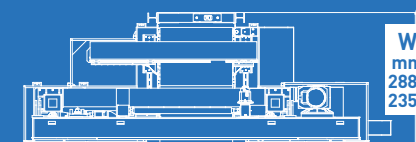
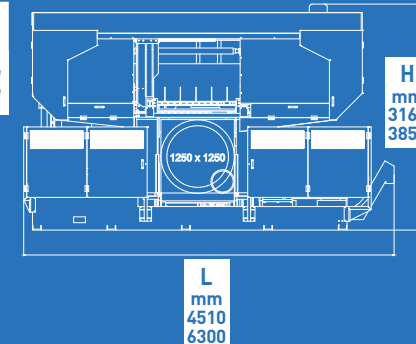
AUTOMATIC TWIN-COLUMN BANDSAW MACHINES 90° FIX CUTTING



Working height
630 mm



12500
15000



		Mod. AP 10.1 A F	Mod. AP 12.5 A F
		90°	90°
Cutting capacities mm		1010	1250
		1010	1250
BASIC		1010 x 1010	1250 x 1250
		1010 x 515	1250 x 635
optional Hydraulic bundle clamping device	MAX	1010 x 1010	1250 x 1250
Blade dimensions		9955 x 67 x 1,6 mm	12500 x 67 x 1,6 mm
Blade motor power		11 kW	15 kW
Cooling pump motor power		0,4 kW	0,4 kW
Hydraulic pump motor power		4 kW	4 kW
Feeding carriage motor power		27 Nm	27 Nm
Chip conveyor motor power		0,25 kW	2 x 0,25kW
Blade speed		20 ÷ 100 m/min	20 ÷ 100 m/min
Cutting downfeed		0 ÷ 200 mm/min	0 ÷ 200 mm/min
Fastdownfeed		3500 mm/min	3500 mm/min
Feeding carriage stroke		500 mm*	500 mm*

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

Technical features

- Bow, base and columns made in welded steel structure
- Vertical bow descent on ball bearing guides
- Hydraulic blade tensioning
- Reducer unit with hardened and ground gears
- Low noise hydraulic system with variable flow
- Cleaning brush
- Inverter
- Chip conveyor
- Low voltage electrical system according to EC rules

IMAGEFORDEMONSTRATION
PURPOSESONLYALLTHEAUTOMATIC
MACHINESWILLBESOLDWITHALL
THEPROTECTIVECOVERS

Vertical bow descent on double ball bearing guides

Control panel
Plc
Touch 7" - Touch 10"

Chip conveyor

AP 12.5 A F

Feeding carriage controlled by Brushless motor

Optional accessories and roller tracks



- *Powered roller*
- *Powered roller knurled tempered*
- *Piece aligner*
- *Adjustable vice pressure*
- *Blade deflection control device (standard on TOUCH version)*
- *Dry cooling device*
- *Hydraulic bundle clamping device BASIC*
- *Hydraulic bundle clamping device MAX (with vice jaws extension)*
- *Industry 4.0 (only for TOUCH)*
- *Teleservice (only for TOUCH)*



1.200 kg/m

INFEED ROLLER TRACK

Carrying capacity : 1.200 Kg/m.
With water collection tank.

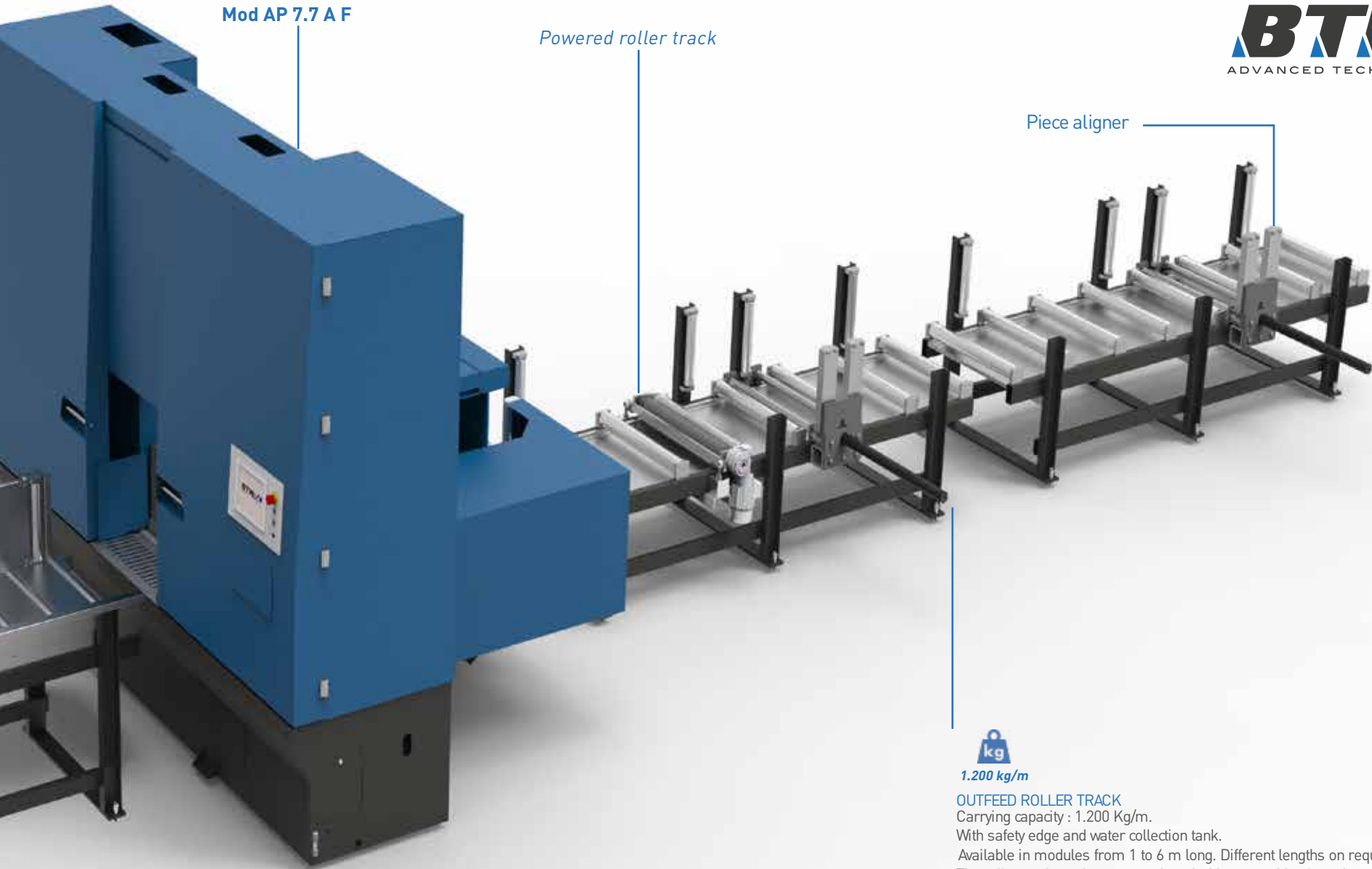
Available in modules from 1 to 6 m long. Different lengths on request.
Available roller pitch : 450/250/125 mm.



Mod AP 7.7 A F

Powered roller track

Piece aligner



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



AP 12.5 A CNC C.500 with loading unit





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.