

METAL CUTTING BANDSAW MACHINES



ADVANCED TECHNOLOGY BANDSAWS

AUTOMATIC

90° TWIN-COLUMN - RACE TRUCK 600 MM



360 CNC
460 CNC

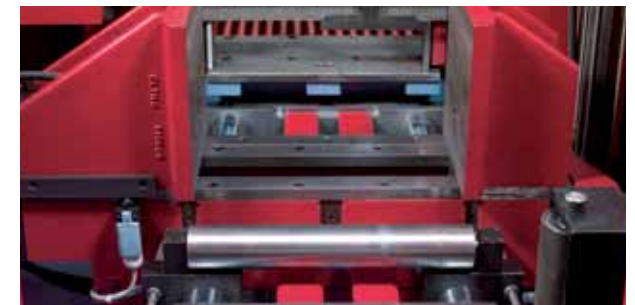
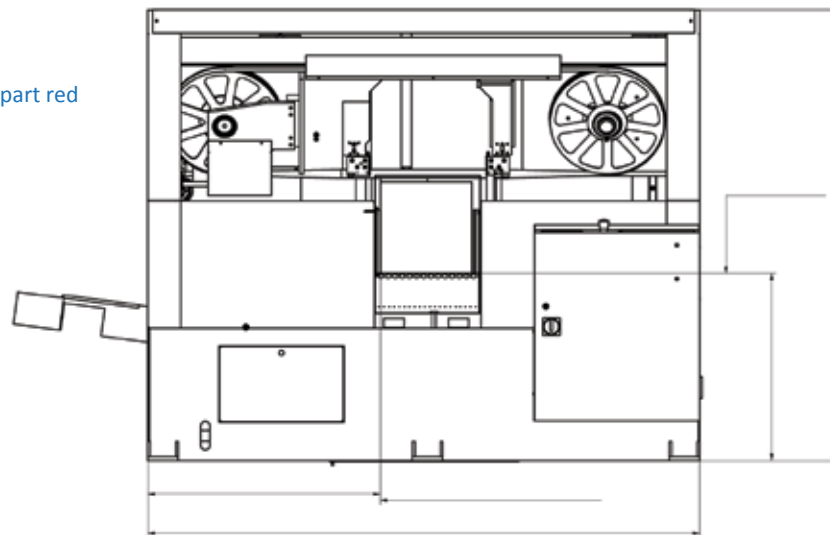
ACCESSORIES / TECHNICAL DATA

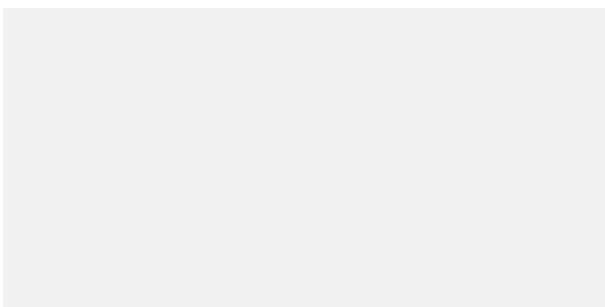
FEATURES

- Bow, base, and columns made in welded and norma-lized structure
- Full vice opening/closing through hydraulic cylinder Carbide blade-guides
- State-of-the-art PLC unit with ARM40 processing unit
- Programming via 7" colour TFT LCD Touch-Screen Automatic cutting parameters
- Vice pressure adjustment
- Blade deviation control system
- Coclea chip conveyor
- Centralized coolant system
- Band cleaning brush driven by an electric motor
- Low noise hydraulic system
- Hydraulic band tension
- Bow down-feed hydraulic
- Carriage feed with AC motor and inverter
- Bimetallic band
- Bar end controlled by an electronic laser-light
- Painting lower part bleu indico RAL 5014, upper part red RAL 3001

ACCESSORIES ON REQUEST

- Dry cooling device
- Hydraulic bundle cutting
- Laser light to identify the exact position of the blade on the piece to be cut
- Infeed/outfeed roller tracks in different lengths
- Additional chip conveyor, coclea type, on the back exit, height 800 mm
- Blade deflection control device
- Vice pressure regulators
- Dry cooling device
- Hydraulic bundle cutting (360)
- Hydraulic bundle cutting (460)





	360 CNC	460 CNC
Cutting capacity (in)	∅ 14 ∩ 14	∅ 18 ∩ 18
Bundle (optional) (in)	14 x 10	18 x 10
Blade dimensions (in) L x H x W	174 x 1.25 x 0.042	202 x 1.5 x 0.05
Blade speed (ft/min)	65 - 328	65 - 328
Positioning accuracy (in)	0.0078	0.0078
Max set length (in)	393	393
Blade motor (hp)	4	5
Hydraulic pump motor (hp)	2	2
Cooling pump motor (hp)	0.15	0.15
Carriage stroke (in)	23.5	29.5
Working height (in)	29	29
Overall dimensions (in) L x W x H	108 x 105 x 79	114 x 105 x 87
Loading dimensions (in) L x W x H	91 x 91 x 79	102 x 91 x 87
Weight (lb)	5291	6614



BTM North America

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THE COMPANY

Since the beginning in 1982, BTM has developed a solid expertise and competence in machine development, design and production.

BTM specializes in the development of medium to large high performance bandsaw machines. These machines are produced utilizing a very heavy and strong structure and are ideal to cut any material from mild to high resistance such as hastelloy or iconel.

The close relationship between BTMs' development team and the final customer requirements, allows BTM to develop a product that exceeds the end users quality, reliability and productivity expectations. This is BTMs' ultimate goal in developing sawing equipment.

The design, assembly and final testing are all performed by highly skilled personnel at BTMs' state of the art production facilities.

BTM products are at the forefront of development for bandsawing technology and it is through this process that allows BTM to be a world leader in sales of sawing equipment. The development of the Automatic Cutting Parameters control is just one example of BTMs' engineering expertise.