

METAL CUTTING BANDSAW MACHINES

BTM 
ADVANCED TECHNOLOGY BANDSAWS

AUTOMATIC
90° TWIN-COLUMN



61.41 AF 800
71.51 AF 800
71.61 AF 800
71.71 AF 800
61.41 AF 3.000
71.51 AF 3.000
71.61 AF 3.000
71.71 AF 3.000

TECHNICAL DATA / ACCESSORIES

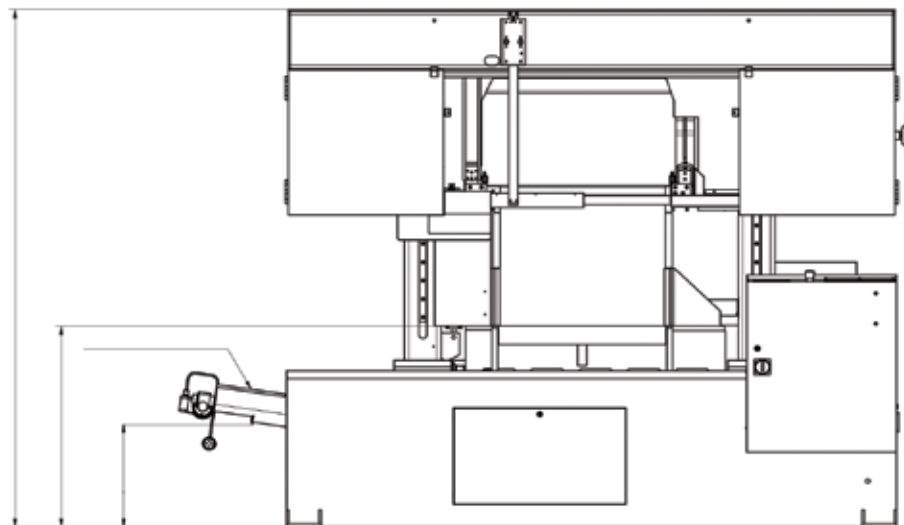


FEATURES

- Bow, base, and columns made in welded and normalized structure
- Full vice opening/closing through hydraulic cylinder
- Carbide blade-guides
- Blade motor controlled by digital frequency variator
- Automatic, hydraulic blade tensioning with breakage control device
- Feeler pin
- Low voltage system according to EC rules
- Centralized cooling system
- Protection grid
- Chip conveyor
- CNC to control all the machine functions and to memorize cutting programs
- Embossed enamel finishing red RAL 3001 - grey RAL 7035

ACCESSORIES ON REQUEST

- Blade deflection control device
- Hydraulic bundle cutting (90° cuttings, only) 61.41
- Hydraulic bundle cutting (90° cuttings, only) 71.51
- Hydraulic bundle cutting (90° cuttings, only) 71.61
- Hydraulic bundle cutting (90° cuttings, only) 71.71
- Vice pressure regulator
- Chip conveyor
- Dry cooling device





		800/3.000 Ø 410	800/3.000 Ø 490	800/3.000 Ø 610	71.71 AF
Capacità di taglio mm Cutting capacity mm		800/3.000 Ø 410 Ø41 ▧610x 410 ⊠	800/3.000 Ø 490 Ø51 ▧710x 510 ⊠	800/3.000 Ø 610 Ø61 ▧710x 610 ⊠	800/3.000 Ø 720 Ø72 ▧720x 720 ⊠
Dimensioni nastro L x W x H Band dimensions		600 x 400	700 x 500	700 x 600	700 x 700
Velocità di taglio Cutting speed		mm 5.200 x 34 x	mm 5.800 x 41 x	mm 6.300 x 41 x	mm 7.070 x 41 x
Discesa rapida Fast descent		1.1 mm/1' 20 ÷	1.3 mm/1' 20 ÷	1.3 mm/1' 20 ÷	1.3 mm/1' 20 ÷
Discesa di lavoro Working descent		100 mm/1' 3.500	100 mm/1' 3.500	100 mm/1' 3.500	100 mm/1' 3.500
Pressione di taglio Cutting pressure		mm/1' 0 ÷ 200	mm/1' 0 ÷ 200	mm/1' 0 ÷ 200	mm/1' 0 ÷ 200
Altezza piano di lavoro Working height		bar 2 ÷ 15	bar 2 ÷ 15	bar 2 ÷ 15	bar 2 ÷ 15
Motore lama Blade motor		mm 870	mm 870	mm 870	mm 870
Motore pompa oleodinamica Hydraulic pump motor		Kw 2.2	Kw 3	Kw 3	Kw 4
Motore pompa refrigerante Cooling pump motor		Kw 1.5	Kw 1.5	Kw 1.5	Kw 1.5
Motore carro alimentatore Feeding carriage motor		Kw 0.12	Kw 0.12	Kw 0.12	Kw 0.12
Motore evacuatore Chip conveyor motor		Kw 0.75	Kw 0.75	Kw 1.1	Kw 1.1
Corsa carro alimentatore Carriage stroke		Kw 0.09	Kw 0.09	Kw 0.09	Kw 0.09
Dim. d'ingombro L x W x H Bandsaw dimensions		mm 800/3.000	mm 800/3.000	mm 800/3.000	mm 800/3.000
Dim. di trasporto L x W x H Loading dimensions		cm 310 x 240 x	cm 330 x 240 x	cm 350 x 270 x	cm 350 x 270 x
Peso Weight		200 cm 280 x 240	225 cm 300 x 240	245 cm 320 x 240	245 cm 320 x 240
		x 200 Kg 1.800	x 200 Kg 2.800	x 200 Kg 3.800	x 200 Kg 3.800



BTM North America

Woodstock, Ontario, Canada
(519) 539 - 0450
www.btmsaws.com

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.