

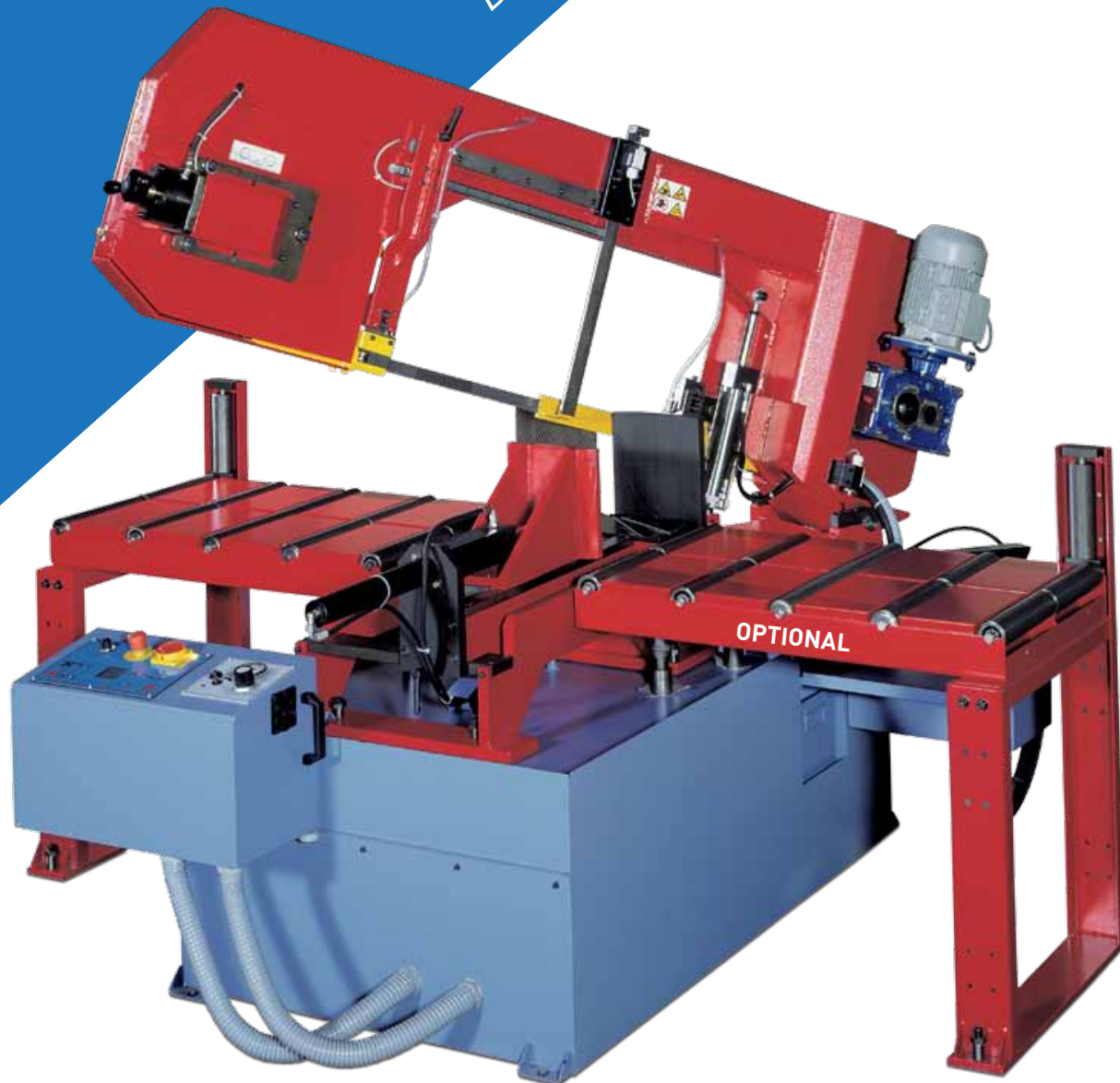
METAL CUTTING
BANDSAW MACHINES

BTM 

ADVANCED TECHNOLOGY BANDSAWS

SEMIAUTOMATIC

60° RIGHT/LEFT PIVOTING



61.41 SA DS 60°
71.51 SA DS 60°

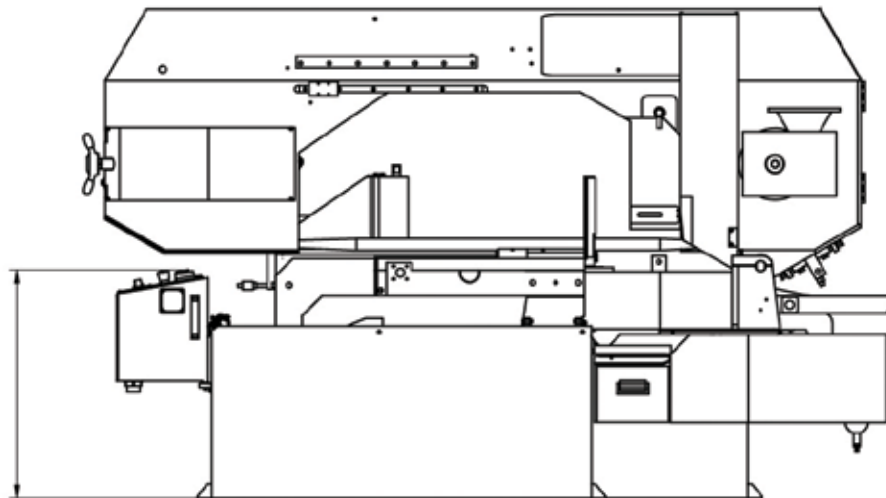
TECHNICAL DATA / ACCESSORIES

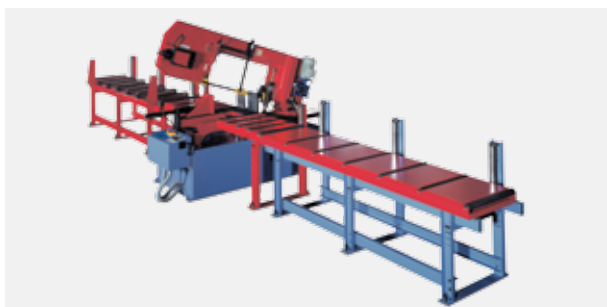
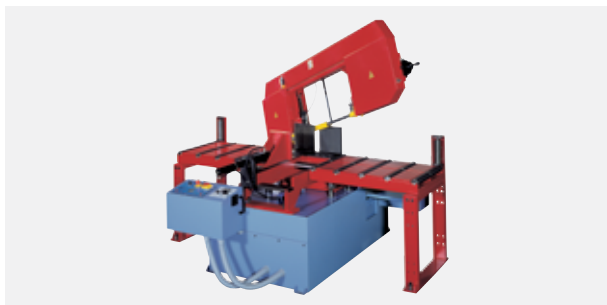
FEATURES

- Bow, base, and columns are fabricated and then stress relieved to greatly reduce cutting vibrations
- Vice and bow support units made in spheroidal cast iron
- Blade gearbox unit with hardened and ground gears
- Hydraulic blade tension with breakage controlled by limit switch
- Vice full opening/closing at hydraulic control
- Electronic display for the set-up of cutting angle
- Hydraulic control unit
- Carbide blade-guides
- Cleaning brush
- Fast bow upwards/downwards movements
- Low voltage electrical system according to EC rules
- Embossed enamel finish: colours red RAL 3001 - blue RAL 5014

ACCESSORIES ON REQUEST

- Bow mitre rotation operated by AC motor
- Blade deflection control device
- Laser light to show blade position on work piece
- Hydraulic bundle cutting (90° cuttings, only) 61.41
- Hydraulic bundle cutting (90° cuttings, only) 71.51
- Sliding vice hydraulic cylinder
- Vice pressure regulator
- Chip conveyor
- Dry cooling device
- In-Outfeed roller track connection table (61.41) each mt
- In-Outfeed roller track connection table (71.51) each mt





| 61.41 SA DX/SX 60° | | | | | |
|-----------------------------|---------------------|----------|----------|----------|----------|
| | 90° | 45° DX-R | 60° DX-R | 45° SX-L | 60° SX-L |
| Taglio Ø | 410 | 410 | 320 | 410 | 320 |
| Cut \varnothing | 410 | 410 | 290 | 410 | 300 |
| mm \varnothing | 610x410 | 460x250 | 320x180 | 450x270 | 320x170 |
| Dimensioni nastro L x W x H | mm 5.200 x 34 x 1.1 | | | | |
| Band dimensions | mm 5.200 x 34 x 1.1 | | | | |
| Velocità di taglio | mt/min 20 ÷ 100 | | | | |
| Cutting speed | mt/min 20 ÷ 100 | | | | |
| Discesa rapida | mm/1' 3.500 | | | | |
| Fast descent | mm/1' 3.500 | | | | |
| Discesa di lavoro | mm/1' 0 ÷ 200 | | | | |
| Working descent | mm/1' 0 ÷ 200 | | | | |
| Pressione di taglio | bar 5 ÷ 20 | | | | |
| Cutting pressure | bar 5 ÷ 20 | | | | |
| Altezza piano di lavoro | mm 870 | | | | |
| Working height | mm 870 | | | | |
| Motore lama | Kw 2.2 | | | | |
| Blade motor | Kw 2.2 | | | | |
| Motore pompa oleodinamica | Kw 0.37 | | | | |
| Hydraulic pump motor | Kw 0.37 | | | | |
| Motore refrigerante | Kw 0.1 | | | | |
| Coolant pump motor | Kw 0.1 | | | | |
| Dim. d'ingombro L x W x H | cm 272 x 283 x 253 | | | | |
| Bandsaw dimensions | cm 272 x 283 x 253 | | | | |
| Dim. di trasporto L x W x H | cm 230 x 120 x 163 | | | | |
| Loading dimensions | cm 230 x 120 x 163 | | | | |
| Peso | Kg 1.400 | | | | |
| Weight | Kg 1.400 | | | | |

| 71.51 SA DX/SX 60° | | | | | |
|-----------------------------|---------------------|----------|----------|----------|----------|
| | 90° | 45° DX-R | 60° DX-R | 45° SX-L | 60° SX-L |
| Taglio Ø | 490 | 490 | 370 | 490 | 380 |
| Cut \varnothing | 510 | 500 | 340 | 500 | 360 |
| mm \varnothing | 710x510 | 560x320 | 400x240 | 560x320 | 320x170 |
| Dimensioni nastro L x W x H | mm 5.800 x 41 x 1.3 | | | | |
| Band dimensions | mm 5.800 x 41 x 1.3 | | | | |
| Velocità di taglio | mt/min 20 ÷ 100 | | | | |
| Cutting speed | mt/min 20 ÷ 100 | | | | |
| Discesa rapida | mm/1' 3.500 | | | | |
| Fast descent | mm/1' 3.500 | | | | |
| Discesa di lavoro | mm/1' 0 ÷ 200 | | | | |
| Working descent | mm/1' 0 ÷ 200 | | | | |
| Pressione di taglio | bar 5 ÷ 20 | | | | |
| Cutting pressure | bar 5 ÷ 20 | | | | |
| Altezza piano di lavoro | mm 870 | | | | |
| Working height | mm 870 | | | | |
| Motore lama | Kw 3 | | | | |
| Blade motor | Kw 3 | | | | |
| Motore pompa oleodinamica | Kw 0.37 | | | | |
| Hydraulic pump motor | Kw 0.37 | | | | |
| Motore refrigerante | Kw 0.1 | | | | |
| Coolant pump motor | Kw 0.1 | | | | |
| Dim. d'ingombro L x W x H | cm 300 x 310 x 290 | | | | |
| Bandsaw dimensions | cm 300 x 310 x 290 | | | | |
| Dim. di trasporto L x W x H | cm 280 x 140 x 170 | | | | |
| Loading dimensions | cm 280 x 140 x 170 | | | | |
| Peso | Kg 1.700 | | | | |
| Weight | Kg 1.700 | | | | |



BTM Saws 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.