

BANDSAW MACHINES

**BTM**   
ADVANCED TECHNOLOGY BANDSAWS

**AUTOMATIC**  
RIGHT/LEFT TWIN-COLUMN

60.40 CNC A DS 3.000  
70.50 CNC A DS 5.000  
100.60 CNC A DS 5.000  
100.60 CNC A DS 5.000  
130.80 CNC A DS 5.000



# TECHNICAL DATA / ACCESSORIES

## FEATURES

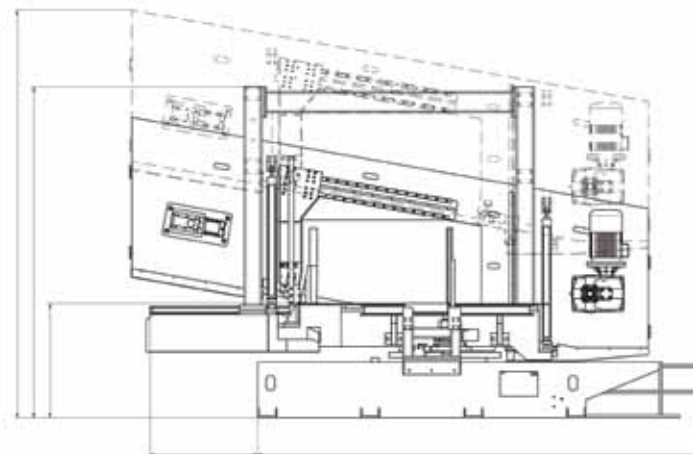
- Bow, base, columns, feeding carriage and clumping vices made in welded and normalized steel structure
- Bow upwards/downwards movement, blade-guide arm, feeding carriage and clumping vices are performed on linear ball guides
- Bow angle positioning on precision big bearing
- Carriage floating vice to help non-rectilinear bar feeding
- Carbide blade-guides
- Automatic, hydraulic blade tensioning with breakage control device
- Bow angle positioning and material feeding through electric motors (brush-less motors on request)
- Adjustable vice pressure
- Full vice opening/closing through hydraulic cylinders
- Blade motor controlled by digital frequency variator
- Cutting downfeed performed by a dc motor that operates on a precision flow regulator and controlled by an encoder
- CNC control device
- Centralized cooling system
- Low voltage system according to EC rules
- Protection grids or photo-cells on the whole working area
- Embossed enamel finishing: red RAL 3001 – grey RAL 7035 BTM customized



## STANDARD ACCESSORIES



- Bow mitre rotation operated by D.C. motor
- Vice pressure regulators



## ACCESSORIES ON REQUEST

- Blade deflection control device
- Hydraulic bundle cutting (90° cuttings, only) 60.40
- Hydraulic bundle cutting (90° cuttings, only) 70.50
- Hydraulic bundle cutting (90° cuttings, only) 100.60
- Hydraulic bundle cutting (90° cuttings, only) 130.80
- Chip conveyor
- Dry cooling device





60.40 CNC A DS 3.000					
	90°	45° DX-R	60° DX-R	45° SX-L	60° SX-L
Taglio Ø	400	400	300	400	255
Cut 	400	400	300	400	255
mm 	600x400	400x400	300x400	400x400	255x255
Dimensioni nastro L x W x H	mm 6.340 x 41 x 1.3				
Band dimensions	mm 6.340 x 41 x 1.3				
Velocità lama	mt/min 20 ÷ 80				
Blade speed	mt/min 20 ÷ 80				
Discesa rapida	mm/1' 3.500				
Fast descent	mm/1' 3.500				
Discesa di lavoro	mm/1' 0 ÷ 300				
Working descent	mm/1' 0 ÷ 300				
Max corsa programmabile	mm 9.999				
Max set length	mm 9.999				
Motore lama	Kw 4				
Blade motor	Kw 4				
Motore pompa oleodinamica	Kw 4				
Hydraulic pump motor	Kw 4				
Motore pompa refrigerante	Kw 0.12				
Cooling pump motor	Kw 0.12				
Motore carro alimentatore	Kw 1.2				
Feeding carriage motor	Kw 1.2				
Motore evacuatore (opzionale)	Kw 0.24				
Chip conveyor motor (optional)	Kw 0.24				
Motore rotazione arco	Kw 1.2				
Bow rotation motor	Kw 1.2				
Corsa carro alimentatore	mm 3.000				
Carriage stroke	mm 3.000				
Altezza piano di lavoro	mm 930				
Working height	mm 930				
Dim. d'ingombro L x W x H	cm 640 x 320 x 260				
Bandsaw dimensions	cm 640 x 320 x 260				
Dim. di trasporto L x W x H	cm 540 x 235 x 200				
Loading dimensions	cm 540 x 235 x 200				
Peso	Kg 5.700				
Weigth	Kg 5.700				

70.50 CNC A DS 5.000					
	90°	45° DX-R	60° DX-R	45° SX-L	60° SX-L
Taglio Ø	500	500	360	500	360
Cut 	500	500	360	500	360
mm 	700x500	500x500	360x450	500x500	360x450
Dimensioni nastro L x W x H	mm 7.925 x 54 x 1.6				
Band dimensions	mm 7.925 x 54 x 1.6				
Velocità lama	mt/min 20 ÷ 80				
Blade speed	mt/min 20 ÷ 80				
Discesa rapida	mm/1' 3.500				
Fast descent	mm/1' 3.500				
Discesa di lavoro	mm/1' 0 ÷ 300				
Working descent	mm/1' 0 ÷ 300				
Max corsa programmabile	mm 9.999				
Max set length	mm 9.999				
Motore lama	Kw 5.5				
Blade motor	Kw 5.5				
Motore pompa oleodinamica	Kw 4				
Hydraulic pump motor	Kw 4				
Motore pompa refrigerante	Kw 0.12				
Cooling pump motor	Kw 0.12				
Motore carro alimentatore	Kw 1.3				
Feeding carriage motor	Kw 1.3				
Motore evacuatore (opzionale)	Kw 0.24				
Chip conveyor motor (optional)	Kw 0.24				
Motore rotazione arco	Kw 1.3				
Bow rotation motor	Kw 1.3				
Corsa carro alimentatore	mm 5.000				
Carriage stroke	mm 5.000				
Altezza piano di lavoro	mm 910				
Working height	mm 910				
Dim. d'ingombro L x W x H	cm 665 x 435 x 280				
Bandsaw dimensions	cm 665 x 435 x 280				
Dim. di trasporto L x W x H	cm 1.000 x 240 x 250				
Loading dimensions	cm 1.000 x 240 x 250				
Peso	Kg 7.500				
Weigth	Kg 7.500				

100.60 CNC A DS 5.000					
	90°	45° DX-R	60° DX-R	45° SX-L	60° SX-L
Taglio Ø	600	600	400	600	400
Cut 	600	600	400	600	400
mm 	1.000x600	600x600	400x400	600x600	400x400
Dimensioni nastro L x W x H	mm 8.275 x 54 x 1.6				
Band dimensions	mm 8.275 x 54 x 1.6				
Velocità lama	mt/min 20 ÷ 80				
Blade speed	mt/min 20 ÷ 80				
Discesa rapida	mm/1' 3.500				
Fast descent	mm/1' 3.500				
Discesa di lavoro	mm/1' 0 ÷ 300				
Working descent	mm/1' 0 ÷ 300				
Max corsa programmabile	mm 9.999				
Max set length	mm 9.999				
Motore lama	Kw 7.5				
Blade motor	Kw 7.5				
Motore pompa oleodinamica	Kw 4				
Hydraulic pump motor	Kw 4				
Motore pompa refrigerante	Kw 0.12				
Cooling pump motor	Kw 0.12				
Motore carro alimentatore	Kw 1.3				
Feeding carriage motor	Kw 1.3				
Motore evacuatore (opzionale)	Kw 0.24				
Chip conveyor motor (optional)	Kw 0.24				
Motore rotazione arco	Kw 1.3				
Bow rotation motor	Kw 1.3				
Corsa carro alimentatore	mm 5.000				
Carriage stroke	mm 5.000				
Altezza piano di lavoro	mm 900				
Working height	mm 900				
Dim. d'ingombro L x W x H	cm 470 x 900 x 340				
Bandsaw dimensions	cm 470 x 900 x 340				
Dim. di trasporto L x W x H	cm 1.000 x 240 x 270				
Loading dimensions	cm 1.000 x 240 x 270				
Peso	Kg 9.000				
Weigth	Kg 9.000				

## 130.80 CNC A DS 5.000

	90°	45° DX-R	60° DX-R	45° SX-L	60° SX-L
Taglio Ø	800	800	700	800	700
Cut 	800	800	700	800	700
mm 	1.300x800	800x800	700x700	800x800	700x700
Dimensioni nastro L x W x H	mm 10.875 x 54 x 1.6				
Band dimensions	mm 10.875 x 54 x 1.6				
Velocità lama	mt/min 20 ÷ 80				
Blade speed	mt/min 20 ÷ 80				
Discesa rapida	mm/1' 3.500				
Fast descent	mm/1' 3.500				
Discesa di lavoro	mm/1' 0 ÷ 300				
Working descent	mm/1' 0 ÷ 300				
Max corsa programmabile	mm 9.999				
Max set length	mm 9.999				
Motore lama	Kw 7.5				
Blade motor	Kw 7.5				
Motore pompa oleodinamica	Kw 4				
Hydraulic pump motor	Kw 4				
Motore pompa refrigerante	Kw 0.12				
Cooling pump motor	Kw 0.12				
Motore carro alimentatore	Kw 2.4				
Feeding carriage motor	Kw 2.4				
Motore evacuatore	Kw 0.24				
Chip conveyor motor	Kw 0.24				
Motore rotazione arco	Kw 1.3				
Bow rotation motor	Kw 1.3				
Corsa carro alimentatore	mm 5.000				
Carriage stroke	mm 5.000				
Altezza piano di lavoro	mm 900				
Working height	mm 900				
Dim. d'ingombro L x W x H	cm 490 x 900 x 380				
Bandsaw dimensions	cm 490 x 900 x 380				
Dim. di trasporto L x W x H	cm 1.200 x 240 x 300				
Loading dimensions	cm 1.200 x 240 x 300				
Peso	Kg 12.000				
Weigth	Kg 12.000				