

METAL CUTTING BANDSAW MACHINES



SMALL AUTOMATICS

SUBTITLES HERE

330 AE 60
330 AE 60 CNC
370 A 60
370 A 60 CNC
420 A 60
420 A 60 CNC
370 AF 90
370 AF 90 CNC

TECHNICAL DATA / ACCESSORIES

FEATURES

- Automatic bandsaw machine with head, vice movement and material feeding by hydraulic control, automatic fast up/down head movement controlled by feeler pin.
- Dedicated PLC to check all machine functions, manual setting of the cutting length through mechanical adjustment and quantity set through PLC. Or CNC to control all the machine functions, to store up to 99 cutting programs and to set the blade speed through frequency inverter drive.
- Reducer unit with hardened and ground gears, mechanic blade tensioning controlled by limit switch, cutting down-feed with fine adjustment, double safety button for cycle start-up.
- Models 330-370AE are equipped with head cylinder located near the fixed blade-guide block while models "A" have an outboard head control cylinder.
- Low voltage electrical system according to EC rules.

STANDARD ACCESSORIES

- Discharge Tray
- Cleaning Brush

ACCESSORIES ON REQUEST

- Bundle Cutting Attachment
- Chip Conveyor (on CNC model with 31.5" carriage stroke only)

	330 AE 60			370 AF 90			370 A 60			420 A 60		
	90°	45°	60°	90°	45°	60°	90°	45°	60°	90°	45°	60°
Cut \varnothing (in)	10 9 13 x 5.5	8 7.5 8 x 5	5 4.5 5 x 4	11 9.5 13 x 9.5	- - -	- - -	11 9.5 13 x 9.5	9 8.5 9 x 5.5	5.5 5.5 5.5 x 5	12 9.5 16.5 x 7	9.5 9 10 x 7	6.5 6.5 6.5 x 6.5
Band Dimensions L x H x W (in)	119 x 1 x 0.035			123 x 1 x 0.035			122 x 1 x 0.035			128 x 1 x 0.035		
Blade speed (ft/min)	115 - 230 / 65 - 328 (CNC)			115 - 230 / 65 - 328 (CNC)			115 - 230 / 65 - 328 (CNC)			115 - 230 / 65 - 328 (CNC)		
Blade motor (hp)	1.2 - 2			1.2 - 2			1.2 - 2			1.2 - 2		
Hydraulic pump motor (hp)	0.5			1			1			1		
Cooling pump motor (hp)	0.16			0.16			0.16			0.16		
Carriage stroke (in)	23.5			31.5			31.5			31.5		
Remnant Length (in)	8.5			1			8.5			8.5		
Working height (in)	33			33			33			33		
Bandsaw dimensions L x W x H (in)	102 x 69 x 67			112 x 75 x 75			118 x 75 x 75			127 x 77 x 75		
Loading dimensions L x W x H (in)	87 x 59 x 67			87 x 59 x 67			95 x 59 x 67			95 x 59 x 67		
Weight (lbs)	1543			2083			2083			2204		



ADVANCED TECHNOLOGY BANDSAWS

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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.