

STERLING STC330 AR CNC TWIN COLUMN AUTOMATIC BAND SAW

With a combination of twin column rigidity and precise material feeding with the shuttle vice system, these Sterling models offer a production solution for automatic cutting in both small and large sections. The AR models feature hydraulic cutting with automatic servo feeding and are fitted with a full enclosure for increased safety. To further increase productivity, machines can be optionally fitted with specific vices for bundle cutting tubes and bars, while chip conveyors can be fitted to ensure the continuous removal of swarf from the cutting area.

FEATURES

- Twin column design with linear guides
- Fully automatic cutting cycle
- User friendly touch screen CNC control
- Stores 50 programs with up to 30 steps per program
- Hydraulic cutting with sensitive pressure adjustment
- High accuracy servo feed for shuttle vice
- Drive motor with high torque planetary gearbox
- Automatic bow height adjustment
- Hydraulic fixed and shuttle vices
- Carbide blade guides
- Infinitely variable cutting speed
- Chip conveyor
- Flood coolant system

OPTIONS

- Hydraulic blade tension
- Hydraulic top clamps
- Bundle cutting clamps
- Spray mist lubrication (requires compressor)
- Powered and gravity roller track



TECHNICAL INFORMATION

MODEL	STC330 AR CNC	
Capacities		
Tube at 90°	mm	330
Square Section at 90°	mm	325
Rectangular Section / Beam at 90°	mm	360 x 330
Blade Size	mm	5000 x 34 x 1.1
Bed Height	mm	845
Cutting Speed	m/min	20 - 100
Motor	kW	2.2
Length	mm	2815
Width	mm	1935
Height	mm	1855
Weight	kg	2150
Operation		Automatic
Vice Shuttle Stroke	mm	700
Vice Feed Operation		Servo
Vice Clamping Operation		Hydraulic