

BIANCO 420 AE PLC VICE FEED AUTOMATIC BANDSAW 415V

The Bianco 420 AE PLC automatic bandsaw features a hydraulic shuttle vice feed as well as hydraulic down feed pressure and speed adjustment. The required cut length is set using a hand wheel with a highly accurate scale. Quantities to be cut are entered from the control panel, along with other cutting parameters. The 420 AE PLC models also feature a down feed cylinder at the rear of the machine allowing unencumbered access when loading material. A mitering head design allows mitre cutting up to 60 degrees right in semi-automatic mode. This model is also available as a CNC version - the [Bianco 420 AE CNC](#) - with all cut parameters configured via the control.

FEATURES

- Fully automatic cutting cycle with hydraulic vice feed system
- PLC control for cut quantities and machine functions
- Handwheel for setting cut length with fine adjustment and mechanical readout
- Downfeed cylinder at the rear of the machine for easy access
- Quick mitring swivel head up to 60° in semi-automatic mode
- Fast and slow blade speeds for mild and stainless steel cutting
- Hydraulic cutting with variable pressure and variable speed
- Hydraulic fixed and feeding vices
- Shuttle vice facility for long cutting lengths
- Fast approach with auto bow height return setting
- Cast bow construction
- Carbide blade guides for high accuracy
- Swarf brush

OPTIONS

- Variable blade speed for cutting a wide range of materials
- Spray mist cooling system (requires compressor)
- Hydraulic bundle cutting
- Variable clamping pressure
- Cutting angle display
- Blade deflection control
- Roller track and measuring systems

TECHNICAL INFORMATION

MODEL	420 AE PLC	
Capacities		
Tube at 90°	mm	300
Square Section at 90°	mm	240
Rectangular Section / Beam at 90°	mm	420 x 200
Tube at 45°	mm	240
Square Section at 45°	mm	230
Rectangular Section / Beam at 45°	mm	270 x 140
Tube at 60°	mm	165
Square Section at 60°	mm	170
Rectangular Section / Beam at 60°	mm	170 x 170
Blade Size	mm	3270 x 27 x 0.9
Bed Height	mm	835
Cutting Speed	m/min	35 / 70
Motor	kW	1.5
Length	mm	3220
Width	mm	2050
Height	mm	1900
Weight	kg	1090
Operation		Automatic
Vice		Hydraulic

OTHER IMAGES

