

BIANCO 420 AFE PLC VICE FEED AUTOMATIC BANDSAW 415V

The Bianco 420 AFE 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 AFE PLC models also feature a down feed cylinder at the rear of the machine allowing unencumbered access when loading material. These machines offer 90 degree cutting only, with the fixed vice on the right hand side of the blade resulting in a minimum offcut length. This model is also available as a CNC version - the [Bianco 420 AFE 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
- 90° cutting with fixed vice on right hand side of the blade for minimum offcut
- 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
- Chip conveyor
- Blade deflection control
- Roller track and measuring systems

TECHNICAL INFORMATION

MODEL	420 AFE PLC	
Capacities		
Tube at 90°	mm	300
Square Section at 90°	mm	240
Rectangular Section / Beam at 90°	mm	420 x 200
Blade Size	mm	3270 x 27 x 0.9
Bed Height	mm	835
Cutting Speed	m/min	35 / 70
Motor	kW	0.9 - 1.5
Length	mm	2800
Width	mm	2100
Height	mm	1900
Weight	kg	1090
Operation		Automatic
Vice		Hydraulic

OTHER IMAGES

