

BAUER BA 450 CNC DRILLING LINE

Model pictured with automatic tool changers

Fully manufactured in Germany, the BA Drilling Line from Bauer Maschinenbau, is a cost-effective solution for the processing of small to medium size sections. The drilling unit can be configured with 2 or 3 drilling heads in different axes according to requirements. The BA drilling line is extremely versatile and compact but can be specified in longer lengths and with optional cross transfer units for loading or unloading. Drilling operations in beams, channels and other sections can be quickly and easily programmed via the CNC Control. For a complete processing solution, a double mitre bandsaw can be integrated with the drilling line. Options include 8 station tool changers for each drilling head and higher-powered motors for increased drilling capacity.

FEATURES

- Superb German quality
- Cost effective and compact CNC drilling line
- Vastly reduces processing times, boosting productivity and reducing cost per part
- Fully automatic industrial CNC control for all machine functions
- Material database for different profiles, including dimensions and stock
- Tool database for drilling tools, with dimensions and rpm
- Program memory for processed components
- Two USB ports for data import
- Accepts data in DSTV format (convertors available for other file types)
- 9 metre material infeed system with linear guide rail and servo motor
- Fully automatic feeding and clamping of material
- CNC drilling system with 2 or 3 heads with linear guides, ball screws and servo motors
- Different drilling axis configurations offered according to requirement
- 25mm drilling capacity in mild steel with 2.2 kW motors

OPTIONS

- 34mm drilling capacity in mild steel with 4.0 kW motors – available for each drilling unit
- 8 station CNC tool change system – available for each drilling unit
- CNC powered double mitre bandsaw – mitres 45° left and 60° right
- Extended length of material infeed system – 1000mm increments
- Roller track for outfeed – per metre
- Cross transfer units for infeed or outfeed
- Marking unit - 0.3mm marking depth

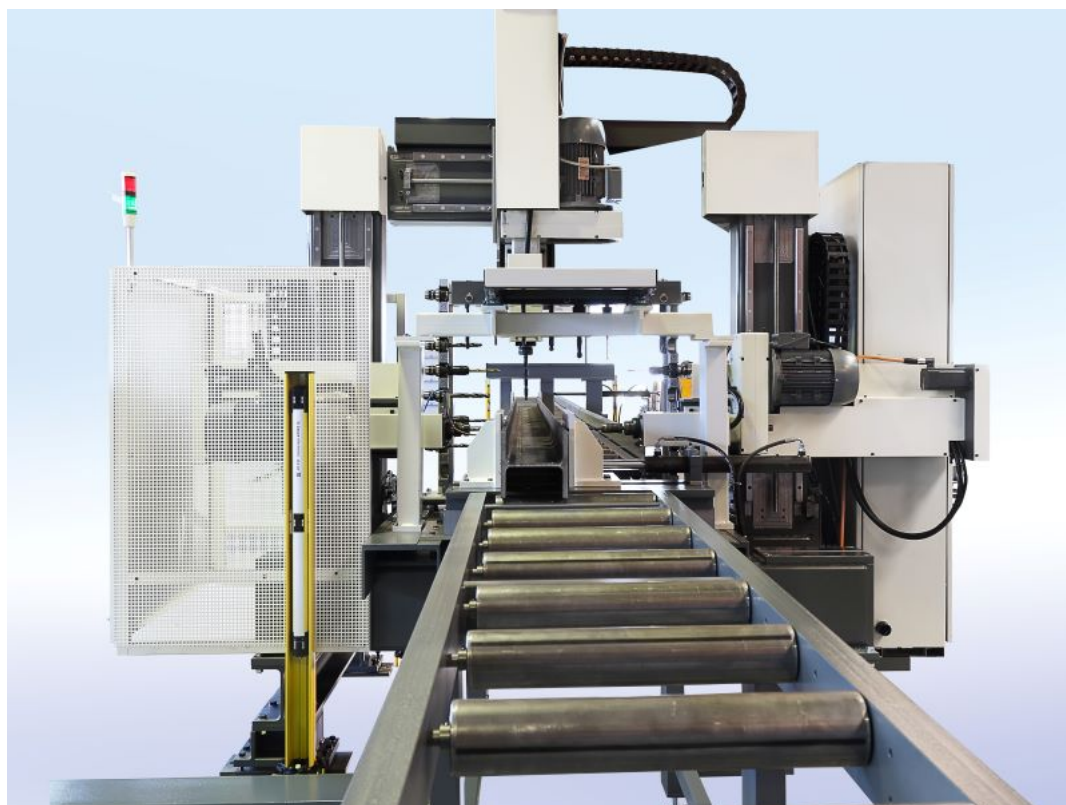
TECHNICAL INFORMATION

MODEL	BA 450	
Sawing Capacities		
Rectangular Section / Beam at 90°	mm	410 x 580
Rectangular Section / Beam at 45° Left & Right	mm	410 x 390
Rectangular Section / Beam at 60° Right	mm	410 x 260
Blade Size	mm	4450 x 34 x 1.1
Cutting Speed	m/min	20 - 130
Motor	kW	2.2
Drilling Capacities		
Vertical Boring Head - Horizontal Travel	mm	600
Vertical Boring Head - Vertical Travel	mm	160
Horizontal Boring Head - Horizontal Travel	mm	320
Horizontal Boring Head - Vertical Travel	mm	500
Drilling Capacity in Mild Steel (Standard)	mm	25
Drilling Capacity in Mild Steel (Optional)	mm	34
Drilling Speed	RPM	140 - 1450
Motors	kW	2.2
Motors (Optional)	kW	4.0
General Specifications		
Length of Feeding System	mm	9000
Maximum Stroke Length (Standard)	mm	8000
Maximum Stroke Length (With optional pusher)	mm	6000
Feeding Speed	m/min	0 - 10
Bed Height	mm	930
Length (approx)	mm	13000
Width (approx)	mm	2500
Height (approx)	mm	2500
Weight (approx)	kg	4000

OTHER IMAGES



Optional automatic tool changers



Pictured with automatic tool changers