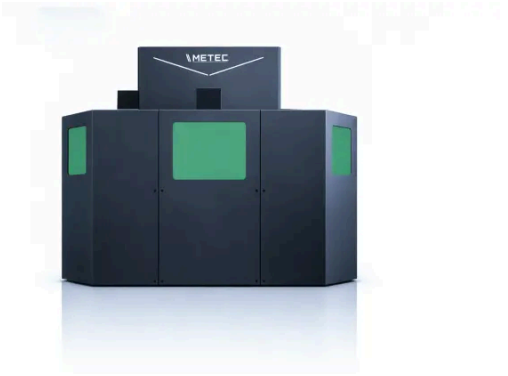
MT-PA Series

Press Arm Type Automatic Panel Bender

Available in MT-PA1600 / MT-PA2000 / MT-PA2500 / MT-PA3000

The MT-PA Series is a press arm type automatic panel bender available in four bending lengths: MT-PA1600 (1600mm), MT-PA2000 (2000mm), MT-PA2500 (2500mm), and MT-PA3000 (3000mm). Equipped with BYCA 8000T CNC controller, 12-axis standard control, and Schneider electrical system, it delivers precise and efficient automated panel bending for sheet metal fabrication.



Models **4**	Bending length **1,600-3,000 mm**	Mild steel thickness **0.3-3 mm**
Max. bending height **180 mm**	CNC control **BYCA 8000T (China)**	

MT-PA Series specifications

4 models. Values from the Metec catalogue; your configuration is confirmed in the quotation.

Parameter	MT-PA1600	MT-PA2000	MT-PA2500	MT-PA3000
Max. Bending Length (mm)	1600	2000	2500	3000
Max. Bending Height (mm)	180	180	180	180
Bending Thickness, Cold-Rolled Steel, UTS 450 N/mm² (mm)	0.3–3	0.3–3	0.3–3	0.3–3
Bending Thickness, Stainless Steel 304, UTS 650 N/mm² (mm)	0.3–2	0.3–2	0.3–2	0.3–2
Bending Thickness, Aluminium, UTS 210 N/mm² (mm)	0.3–4	0.3–4	0.3–4	0.3–4
Main Motor Power (kW)	75	75	110	110
Overall Dimensions (mm)	5200 × 2000 × 3200	6200 × 2500 × 3200	7200 × 3200 × 3200	8200 × 3900 × 3200
Fastest Single Bend (s)	0.2	0.2	0.2	0.2
Max. Rotation Diameter (mm)	2050	2400	2800	3300
Positioning Width (mm)	200–1650	200–2050	200–2550	200–3050
Single-Side Min. Forming Dimension (mm)	170	170	170	170
Two-Side Min. Forming Dimension (mm)	200	200	200	200
Four-Side Min. Forming Dimension (mm)	200 × 200	200 × 200	200 × 200	200 × 200
Bending Angle	0–180°	0–180°	0–180°	0–180°

What the MT-PA Series is built for

Fully Automated Bending

Press arm type mechanism enables fully automated bending cycles with minimal operator intervention, maximizing throughput.

12-Axis CNC Control

Standard 12-axis control (optional 24-axis) with BYCA 8000T CNC controller for complex multi-step bending programs.

High-Precision Drive System

Gausscn (Germany) linear guides and ball screws with Syntec (Taiwan, China) servo drives position the sheet precisely.

Schneider Electrical System

Full Schneider (France) electrical components ensure reliable, safe, and maintenance-friendly power distribution.

Components you can name

Main components and their makers as listed in the catalogue, with the options in its configuration table. Alternatives are quoted on request.

CNC controller	BYCA 8000T (China)
Axes	12 standard; 24 as an option
Servo motors and drives	Syntec (Taiwan, China)
Linear guides and ball screws	Gausscn (Germany); option: HIWIN (Taiwan, China)
Electrical components	Schneider (France)
Structure	Welded steel-plate bed with press-arm structure
Options	Bending robot (Estun), automatic tool changer, gantry loading and unloading

Values from the Metec Product Catalogue 2025. Options, voltage and the final configuration are confirmed in the quotation. Printed from www.metecmt.com.