MPE Series

Electric Servo CNC Press Brake

All-Electric Drive with Zero Hydraulic Oil

The MPE Series is an all-electric servo press brake with no hydraulic oil. The servo drives draw power only while the ram moves, run quietly and need no oil changes, which suits clean, precise production of small and medium parts.



Models	Bending force	Bending length
5	**15-60 t**	**650-2,000 mm**

Axes	CNC control
5, 6	**Gausscn 860T (Germany)**

MPE Series specifications

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

Parameter	MPE 15T650	MPE 30T1050	MPE 40T1500	MPE 60T1500	MPE 60T2000
Bending Capacity (kN)	150	300	400	600	600
Bending Length (mm)	650	1050	1500	1500	2000
Distance Between Columns (mm)	300	800	1200	1200	1200
Open Height (mm)	380	380	380	380	380
Throat Depth (mm)	220	220	220	220	220
Ram Stroke (mm)	120	120	120	120	120
Main Motor Power (kW)	2.5	2 × 2.5	2 × 4	2 × 5.5	2 × 5.5
Overall Dimensions L × W × H (mm)	1450 × 1400 × 2050	1850 × 1400 × 2050	1850 × 1400 × 2050	1850 × 1400 × 2150	1850 × 1400 × 2150
Number of Axes	5	6	6	6	6
X-Axis Stroke (mm)	400	400	400	400	400
R-Axis Stroke (mm)	150	150	150	150	150
X-Axis Speed (mm/s)	550	550	550	550	550
R-Axis Speed (mm/s)	200	200	200	200	200
Max. Fast Approach Speed (mm/s)	300	300	300	300	300
Max. Working Speed (mm/s)	1–30	1–30	1–30	1–30	1–30
Max. Return Speed (mm/s)	300	300	300	300	300

What the MPE Series is built for

Energy on Demand

The all-electric drive draws power only while the ram moves, so standby consumption is close to zero.

Quiet & Clean

Zero hydraulic oil means no leaks, significantly lower noise, and a cleaner workshop.

Dynamic Precision

Direct servo control of the ram gives fast response and repeatable positioning.

Easy Maintenance

No hydraulic oil or seals to replace, greatly reduces routine maintenance time and cost.

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	Gausscn 860T (Germany); option: Gausscn 880T
Axes	5 on the MPE 15T650, 6 on the other models
Ram drive	Estun servo motors (China); option: Inovance (China)
Main ball screws	Gausscn (Germany); option: HIWIN (Taiwan, China)
Backgauge servo	Syntec (Taiwan, China)
Backgauge guides and ball screws	Gausscn (Germany); option: HIWIN (Taiwan, China)
Magnetic linear scale	GIVI (Italy)
Electrical components	Schneider (France)
Tooling	Double-V die and quick clamp; options: single-V or multi-V die
Front safety	NUOVA (Italy); options: MSD 3-point, DSP 5-point or DSP 9-point laser protection with MCS
Options	Rear light curtain (Sensorc), bending robot (Estun)

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