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metEVO
Affordable panel benders to grow

Metevo introduces a new generation of panel benders, a new brand designed to make efficiency and productivity accessible, bridging the gap between traditional press brakes and premium panel benders.



How it works

- > **Loading** – The CNC automatically positions the mechanical references according to the program. The operator positions the sheet against the stops, only once at the beginning of the cycle.
- > **Clamping and handling** – The manipulator clamps the sheet and automatically moves and rotates it during bending.
- > **Bending** – The blades and the blankholder perform both upward (positive) and downward (negative) bends.
- > **Unloading** – At the end of the cycle, the panel is moved backward, ready for the operator to pick up.

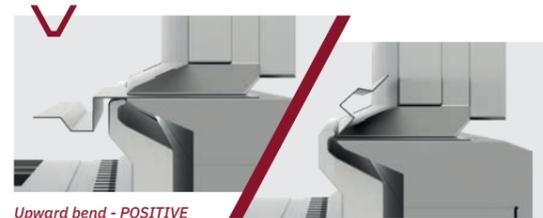
Bending Unit

The bending unit is composed of **4 standard multi-purpose bending tools**:

- > 2 bending blades
- > 1 blankholder
- > 1 counterblade

Bending blades

MX uses two bending blades that make upward and downward bends on each side of the sheet.



Upward bend - POSITIVE



Downward bend - NEGATIVE

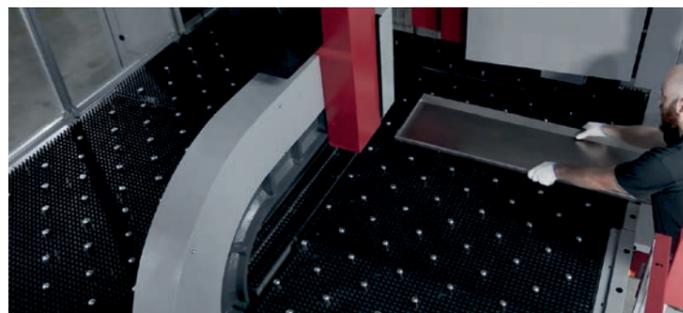
Manual blankholder



- > The role of the blankholder is to hold the sheet during bending.
- > Each MX is equipped with a **manually adjustable** blankholder, which can be set according to the size of the panel to be bent.
- > It features two symmetrical side segments that allow contraction of up to 30 mm.
- > The blankholder is modular and can be adjusted in 10 mm steps.

Manipulator

Responsible for handling the sheet during bending, it is composed of a manipulator, a clamp, and a rotator. The sheet is centered then it is automatically manipulated, clamped, and rotated.



Why choose Metevo?

- Metevo MX is the accessible solution for companies with limited budgets and experience, relying on traditional bending technologies.
- It is designed for medium-to-large batch production of simple, standard parts – such as office furniture, lockers, shelves, and boxes.

More productive than a traditional press brake

More affordable than a premium panel bender

Ideal for repetitive production and medium-to-high volumes

STANDARD PACKAGE:

Turnkey price includes:

- > panel bender;
- > on-board 2D software;
- > installation and start-up;
- > 12-month warranty;
- > standard spare parts kit.

AVAILABLE OPTIONS:

- > ATH - positive asymmetric assistant tooling for partial bends;
- > PL-Panel Lifter - Device for extracting panels with a final negative bend up to 60 mm;
- > 3DCAM - HMI add-on for 3D programming with direct STEP file import.

	MX-1417	MX-2017	MX-2517
Max bending length (mm)	1400	2000	2500
Max diagonal that can be rotated (mm)	1980	2360	2915
Max bending height (mm)	170	170	170
Min thickness (mm)	0.4	0.4	0.4
Max thickness mild steel UTS 410 N/mm ²	2.0	2.0	2.0
Max thickness stainless steel UTS 515 N/mm ²	1.5	1.5	1.5
Max thickness aluminium UTS 265 N/mm ²	3.0	3.0	3.0
Max inward bend on long side (mm)	40	40	40
Max inward bend on short side (mm)	30	30	30
Min blankholder step (mm)	10	10	10
Average power (kW)	3	4	5
Footprint (m ²)	10	15	18
Weight (ton)	13	22	25

Features	Metevo
Production	Recommended for repetitive productions, constant thicknesses, medium-large batches
Automation (L/UL)	Only manual L/UL. Possible integration with third-party robots
Bending tools	Standard multi-purpose
Centering cycle	Once at the beginning against mechanical references
CE certification	Yes

> AFFORDABLE SOLUTION

> AUTOMATED BENDING

> RELIABLE SERVICE

METEVO