

Plate bending machine - 3 rolls - type MAV

Best
Quality

Made in
EU
★ ★ ★



Davi plate bending machine type MAV is the most advanced plate roller for thickness larger than 60-80 mm. A machine with many exclusive benefits, the best solution available in “super heavy applications”.

Type MAV works like a press brake, where the top roll moves up and down and the material rests on the side rolls like a bed. Opening completely the side rolls, increasing the bed, the machine can form much thicker plates than any other roll in the industry. The side rolls can be moved in and out independently, optimizing the geometry for any application.

SERVO-TRONIC

Servo-Tronic is more accurate than any previous hydraulic, electronic or mechanic (torsion bar) parallel system, and keeps all the three machine's rolls parallel, even in case of electronic problems (less down-time), as it has a dual, independent but integrated, parallel control system (Davi Patent).

Roll-by-wire

Davi has changed the way in which cable routing on the machine is being performed. Unlike other bending machines, where cable routing is tied together through a variety of relays and connectors, Davi has chosen to design the machines in exclusive digital design. The advantages of this are many and include both a reduction of components, more compact design, better precision and higher speed versus normal PLC.

Davi advantages

Permanent Lubrication, Energy Saving, digital Roll by Wire and the dual Servo-Tronic parallel system (most Davi Patented), make it innovative, state-of-the-art, easy to be operated, highly productive, very accurate, reliable and maintenance-free.

Tilting of top roll

The exclusive tilting, self-aligning top roll housing allows, when making cones, to tilt also the top roll up to more than 100 mm, to get easier, faster, more accurate and more angle heavy cones.