

Plate bending machine - 4 rolls - type MCB

Best
Quality

Made in
EU
★★★



Davi plate bending machine type MCB is the most advanced 4-roll bending machine available, suitable to roll plates from 15-20 mm, up to 80-100 mm thick and more. MCB is the utmost high-tech "high productive mid-heavy application" in the market. A cylinder can be rolled, including the pre-bending of both ends, feeding the plate forward through the rolls, one time only. Type MCA can be equipped with various CNC-controls, depending on the job to be carried out on the machine.

SERVO-TRONIC

Servo-Tronic is more accurate than any previous hydraulic, electronic or mechanic (torsion bar) parallel system, and keeps the machine's side 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.

Planetary guides

It allows for excellent roundness, thanks to the Planetary movement of the side rolls (Davi patent), moving them to the center of the machine (the tightest geometry available).

Top bearing housing

Exclusive DAVI self-adjusting "stress-free" Top bearing housing (tilting). Absorbs any deflection without problems (other brands on the market have rigid, fixed housings, which are affected by the deflection of the top roll).