Plate bending machine - 4 rolls - type MCA

Best Quality

Made in EU ★★★

Davi plate bending machine type MCA is very innovative and exclusive in design, to roll plate up to 10-15 mm thick. Accurate, fast, easy and intuitive, it is the most high-tech plate roll for "light gauge" in the market.. No need to pre-bend the two edges of the plate first, and then roll, as on any three roll. 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).