Dynobend® DB

Rotary draw bending machine electric/hydraulic

Proven, highly accurate hybrid bending machine for cold forming of tubes and profiles in draw bending operation. Powered by electric main and hydraulic auxiliary axes. This mandrel bending machine offers through its unique design, extremely large freedom around the bending head. The patented vertical clamping system makes bending of even more complex geometries on this machine possible. A proven all-purpose machine for industry and the craftsman sector to solve higher-quality and precise bending tasks in a variety of applications and industries

Your advantages

- Above-average bending moments and forces
- Simple tool set-up = short setup times
- Greater space around the bending head
- Patented vertical tool system
- Ergonomic loading
- Unique machine design
- Compact construction with integrated cabinet
- User-friendly input via color touch screen and keyboard
- Suitable for cell production

MODELS

Model	Capacity steel S235JR (400 N/mm²)
DB12	12 x 1,5
DB25	25 x 2
DB40	40 x 3
DB60 (VZB)	62 x 5
DB76 (VZB)	76 x 3
DB90 (VZB)	90 x 5
DB125 (VZB)	125 x 8

For all models in the DB series machine, the following specifications apply:

The machine has standard:

- Hydraulic bending head (c-axis)
- Hydraulic bend die up and down opening (u)
- Hydraulic clamping of bend die (k)
- Hydraulic retainer (g-axis)
- Hydraulic mandrel withdrawal (d-axis)
- Hydraulic clamping jaw holder (s-axis)
- Retainer for left or right bending (convert manually)
- Servo-driven spatial rotation clamping jaw (b-axis)
- Servo-driven longitudinal transport by means of ballscrew (y-axis)
- Wiper die preparation

The software of the machine has standard:

- Programmable longitudinal displacements
- Programmable bending angles
- Programmable speeds
- Programmable rotation angles
- Programmable mandrel withdrawal
- PC controller with EtherCAT system
- Hard disk for the storage for over 10.000 bending programs
- Automatic calculation of the spring back correction and/or radius table
- Online service preparation with Netop (Team Viewer optional)
- Network connection for Windows and Linux
- Freestanding mobile operating console with color touch screen