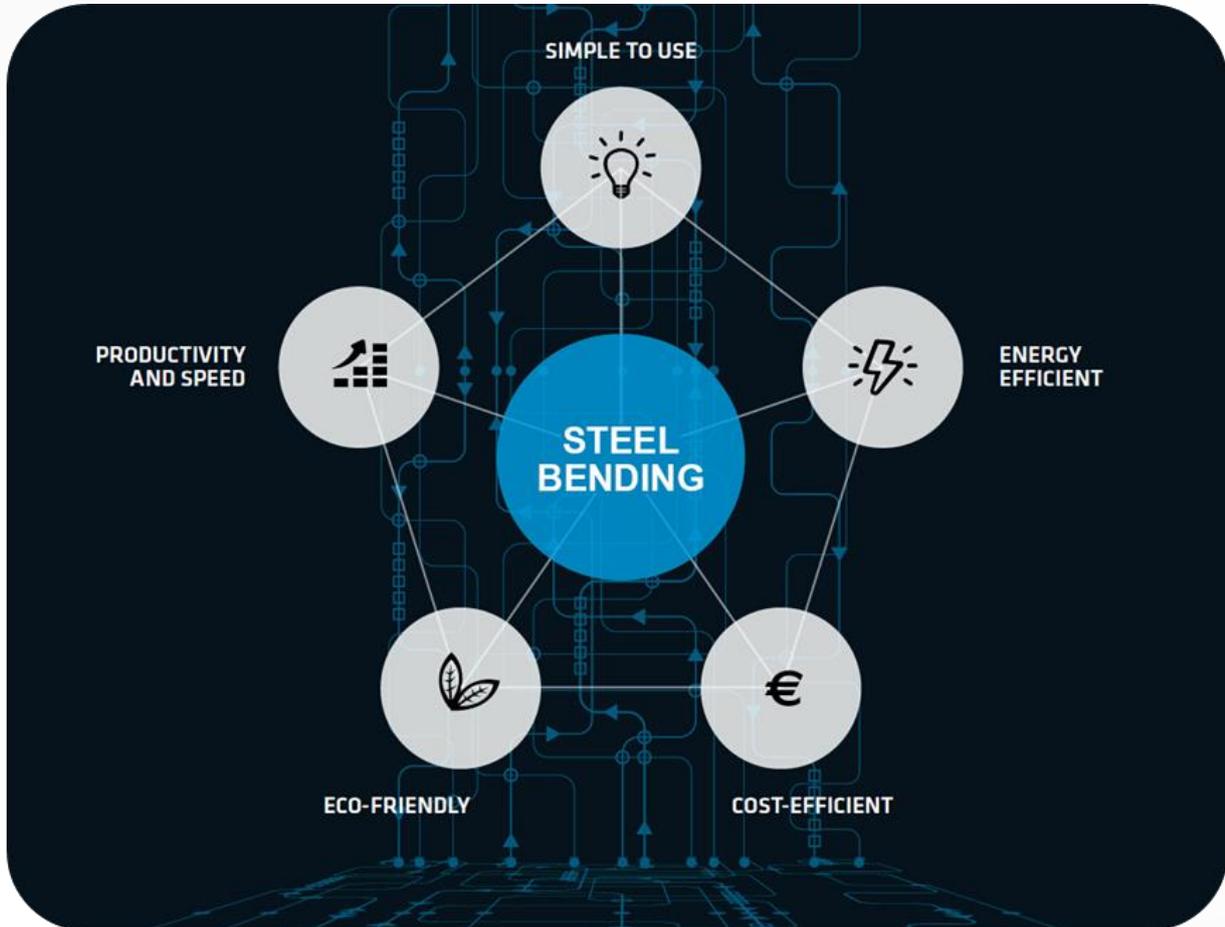


ACCURL Smart NC Press Brake**Model : MB7-160Tx4000****(2-AXIS for Y , X -axis with Manual Crowning)**

- SmartFab B Series Press Brakes are perfect for forming small parts with low operating costs and with Torsion bar syncro CNC Two axis control capability they perform just like our bigger Press Brakes.
- Provides a combination of performance, cost effectiveness and easy to use features.
- User friendly DELEM DA41s CNC control unit
- 2-axis NC Control:
 - Y precision servo-driven ram positioning
 - X-axis precision servo-driven back gauge
 - Manually adjustable R ,Z1, Z2-axis
 - Manual wave crowning System (Optional)
- Efficient, low noise and accurate hydraulic system BOSCH REXROTH.
- Silent and reliable internal gear pump from Germany
- Hardened, grinded tools and clamps for quick tools adjustment
- Complete Backgauge fingers on double linear guide with LEDs
- Protection covers (side and rear safety doors)
- Usage of high-tech boring machines for extreme precision parts:
 - ACCURL® chooses the best products to guarantee long-lasting and high-tech machines.
 - ACCURL® selects the best components.
- In built safety systems (light guards & Laser beam safety photocells as standard, CE certified.).

ABOUT ACCURL®NC Bending

ACCURL® SmartFab B Series Press Brake is our most popular model by volume and a true workhorse. Constructed of high quality parts and offering serious reliability, Y-axis Torsion bar syncro technology with high approach, bending and return speeds.



Why buy a ACCURL CNC bending system?

> **We are a true technological partner.**

We recommend balanced solutions to our client; solutions based on a realistic needs analysis.

> **We are CNC Bending specialists.**

We offer an efficient and proven working process.

> **As sheet metal machinery pioneers,**

we have more than a decade of experience and installations.

TECHNOLOGIES:

Model:	Unit	MB7-160Tx4000
NC Control Axis		Y -X-axis & Manual Crowning
Bending force	Ton	160
Bending length	mm	4000
Distance between columns	mm	3100
Beam Stroke	mm	230
Daylight	mm	450
Throat Depth	mm	320
Table width	mm	220
Working table height	mm	950

WORKING SPEED:

Fast Speed	mm/sec	120
Work Speed	mm/sec	0~10
Return Speed	mm/sec	800

BACKGAUGE:

Max Speed X-axis	mm/sec	350
Max Travel X- Axis	mm	700
Finger Block	Pcs	4

CAPACITY:

Hydraulic pressure	Bar	275
Motor Power	KW	11
Oil Tank Capacity	Lts	250
Overall dimensions	mm	4350x1850x2550
Height Under the Floor	mm	0
Machine weight	Kgs	10500
Power supply		AC 380V,3ph,50/60HZ

CONFIGURATION:

Delem CNC System	DELEM DA41s NC System form Netherlands
Electrical components	Schneider from France Brand
Main Motor	Siemens from Germany Brand
Laser Safety Protection	DSP Laser Safe Device Type 4 from Italy
Sealing Element	PARKER from U.S.A Brand
Servo motor/ Servo drive	Taiwan DELTA Servo Motor & Driving System
Foot switch	Karcon from South Korea Brand
Hydraulic System	Bosch-Rexroth from Germany
Hydraulic Pump	SUNNY form America Brand
Tubing connector	Germany EMB Brand
Ball Screw/ Liner guide	HIWIN from TaiWan Brand

DELEM NC CONTROL UNIT:

ACCURL® has chosen the very powerful DELEM DA41s CNC Control, which has been specially designed for bending. Some of the features are:



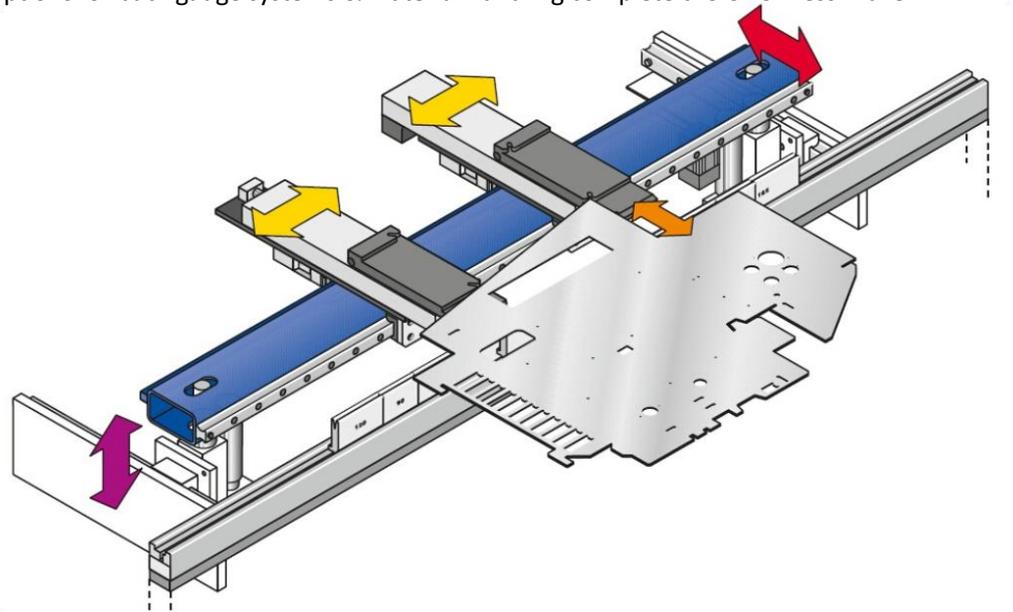
DELEM DA41s NC Control Unit:

- Bright 4,7" monochrome LCD display
- Beam stop control
- Back gauge control
- Angle programming
- Tool programming
- Retract function
- Up to 100 programs
- Up to 25 bends per program
- Panel based housing
- Servo control / inverter / 2-speed AC control
- High-quality foil cover with integrated membrane switches

BACKGAUGE:

Perfect Positioning:

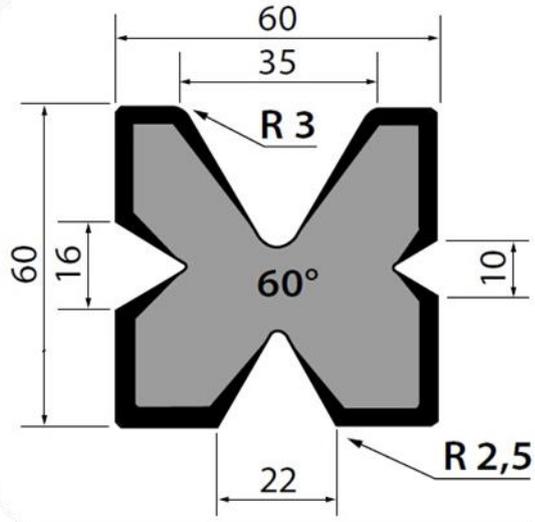
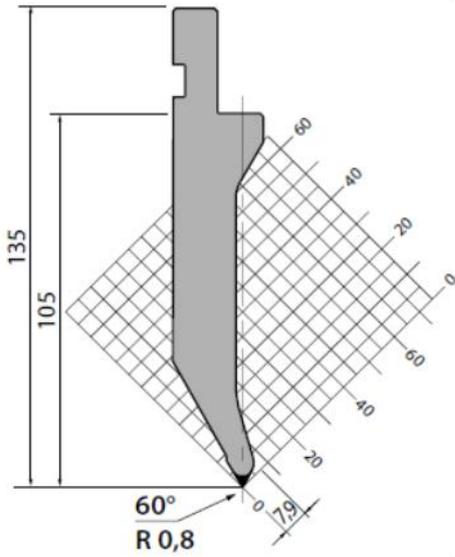
The ACCURL® options for back gauge systems & material handling complete the CNC Press Brake.



ACCURL® press brake are provided are equipped with a backgauge constituted by a solid structure in order to assure the best repetitiveness and high precision in axes positioning.

- Possibility to choose different shapes of the fingers
- Backgauge on linear guide directly fixed at structure frame
- Possibility to easily move and manage the fingers directly from the front of the machine by means of two linear guides In full safety.

EUROPEAN STANDARD TOOLING:



■ Tool lengths and sectioning

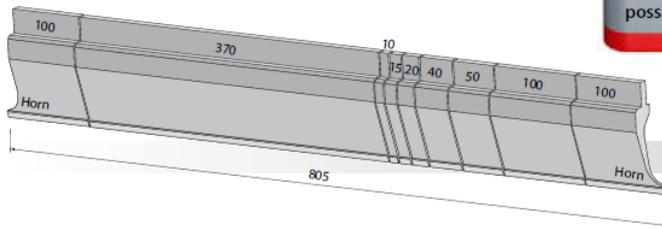
Standard

Segmented tools are delivered in complete sets. Single pieces are also available!
More lengths and sectionings are possible upon request.

835 mm

415 mm

900 mm



805 mm segmented (9 segments)

