



# E-Brake Mini Cell

Rapidly switch between products

Unfold the future

The E-Brake Mini Cell is a compact, automatic, flexible bending cell and is equipped with the latest type 25kg Fanuc Robot. The Mini Cell is ideal for the fully-automated production of small and complex products and can be configured exactly to a client's requirements. It is also possible to bend different products sequentially.

### Advantages

- Quiet machine
- Small footprint
- Industry 4.0-ready
- Save up to 50% on energy costs
- Up to 30% higher productivity due to the electric drive and integration of controls and drive motors
- Lower maintenance costs as compared with hydraulic press brakes, as no hydraulic oil, seals, filters, or valves are required
- The back gauge is able to be used over the full working length

### Options

- Sheet thickness measuring system
- Programmable offline with RoboBend simulation software
- Automatic tool changer
- Automatic gripper changer

## Rapidly switch between products

### Standard equipment

- SafanDarley EC10 Touch Screen CNC split-screen controls on swivel arm
- CNC-controlled Y-axis (Y1 and Y2)
- CNC-controlled back gauge (X-axis)
- CNC-controlled R-axis
- CNC-controlled Z1/Z2-axis, parallel moving fingers
- Backgauge beam with 2 foldable, hardened fingers
- Upper beam provided with NSCL II MC Premium adapter for New Standard upper tools
- Lower beam provided with OB II MC table with ty adjustment
- Hold-To-Run operating console for fine-tuning the bending cell
- M-20iB25 FANUC robot
- 1 Manually changeable vacuum gripper
- 1 Referencing table with sheet separation
- Double-sheet detection to a maximum of 3mm sheet thickness
- Small Parts Chute for collection Bin. Chute height 800mm
- 1 Pallet position the size of half a Europallet
- Protective guards surrounding bending cell, in accordance with CE
- Safety door on the front side of the cell
- 2 Safety sliding doors: one on the right to manually load the referencing table and one on the left to unload the pallet

### Technical specifications

Model	Tonnage	Bending length	Pressing force in kN	Maximum stroke in mm	Q-dimension in mm	Closing speed in mm/sec.	Bending speed max.* in mm/sec.	Return speed in mm/sec.	Weight in kg
35-1250	35	1250	350	300	690	180	20	180	7.500

\* CE version: Max. bending speed 10 mm/sec



Double-sheet detection and sheet thickness measurement



Tool changer



Product Referencing table

Compact and complete