DURMA

Expanded production line according to your production capacity

NEW AND SMART SOLUTION IN SHEET BENDING
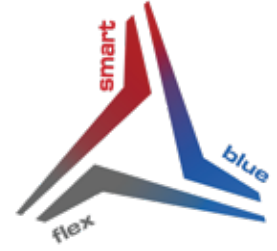
- Fully Automatic Bending Center with the Servo System
- PPS-Automatic Loading and Unloading System
- The automatically adjustable vacuum transport system according to all sheet sizes
- The Pneumatic Sheet Separation System
- Thickness Measurement System
- 3 kinds of stacking facilities in Loading and Unloading System; Fixed, Single, Double Carriage
- Reference System
- 4.5 kW energy consumption

Ready for bending process in complete production with punch or laser combination.

Loading and Unloading System Axis Data

	X Axis	Y Axis	Z Axis
Dimension	4650 mm	6033 mm	3630 mm
Stroke	3160 mm	4350 mm	1200 mm
Speed	1,8 m/s	1,6 m/s	0,8 m/s

Smart Solutions for Production Planning

- Operator intervention has been removed in all product processes
- The fully automatic bending process
- Quality production
- Clear data on time and cost calculations in the product production process
- Control from the beginning of production with thickness measurement and sheet separation options
- Angular and linear stability in bending
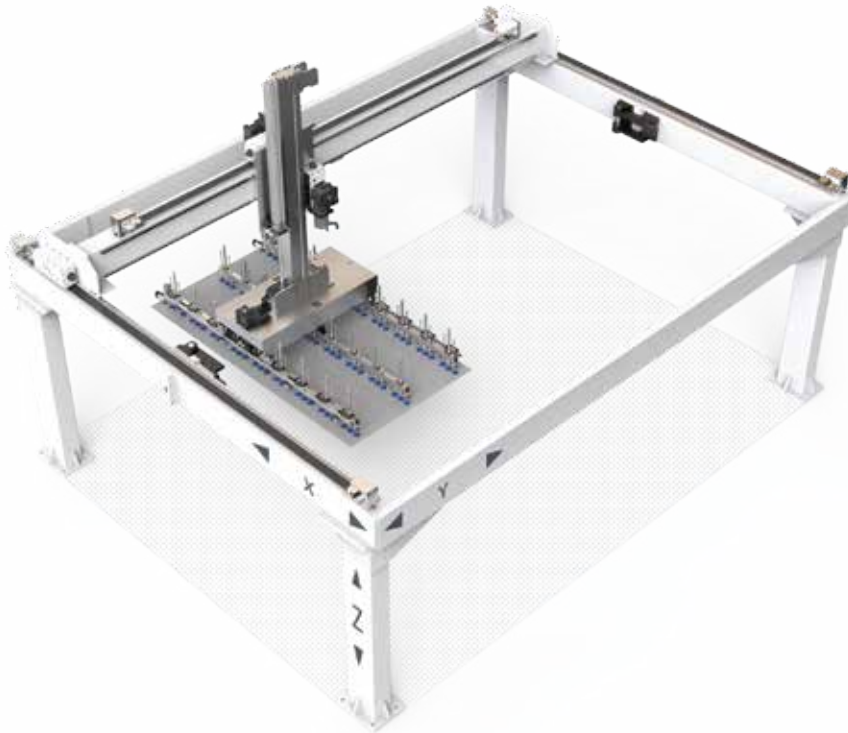
Benefits

- It consumes 25-30% less energy than its competitors due to 4.5 kW energy consumption.
- Automatic loading and unloading system enables the serial production system to be started.
- In the process from raw material to final product, operator intervention is removed, material and time loss is prevented. Parts are loaded automatically with reference system and workforce loss is prevented.
- With 3-axis Cartesian robots, the part is positioned in the appropriate position and time wasting is avoided during the positioning process.
- Thanks to the Automatic Transportable Vacuum Transport System, all parts can be transported without any loss.
- Due to the stacking system with 3 options in the Loading and Unloading System, part placement on the wagons can be determined depending on the operation.