

DURMA

Today Tomorrow Forever...

MAY 2017

NEW

Newsletter

AD-ES 2040 *Electrical Servo Press Brake*

The press brakes are electromechanical and electro hydraulic, NC and CNC controlled press machines which allow the metal sheets of various widths and sizes to be bent at various angles (small by 180 °) by elastoplastic deformation..

Press brakes, bending processes, thick sheet metal bumps, With low operating and investment costs.

Fast bend properties and options to increase production efficiency

Trailer- dampers, light pole & fixtures (energy), panels, wagons, ships manufacturing industries, machinery production,

Pressure vessel, tanker industry etc. It is heavily used in manufacturing sectors such as.



Newsletter

Electric Press brakes, sensitive to the environment thanks to the electric motor movement system which does not require hydraulic system, Thanks to its high speed it also has the capacity to do more work with less running time and less cost.

The electric motor system is permanently protected from overloads safely through pressure limits. This provides overpressure safety limits in the CNC program.

Durma electric motor system allows precise use at all pressure values up to the maximum operating pressure And at the same time with these pressure values; Cylinder precise positioning, synchronization and repeatability.



Technical Data

| | |
|--------------------------|-----------------|
| Bending Force | 40 ton (2 x 20) |
| Bending Length | 2050 mm |
| Distance Between Columns | 2050 mm |
| Stroke | 200 mm |
| Daylight | 400 mm |
| Working Height | 900 mm |
| Approach Speed | 180 mm/sec |
| Return Speed | 180 mm/sec |
| Bending Speed | 20 mm/sec * |
| Back Gauge X Axis Range | 650 mm |
| Back Gauge R Axis Range | 250 mm |

* According to CE Norm, Bending speed should be max 10 mm/sec.



Motor Specifications

| | |
|--------------------|---------|
| Motor Quantity | 2 piece |
| Motor Type | Servo |
| Motor Supply Power | 6,2 kW |

Machine Dimensions

| | |
|--------|---------|
| Length | 2870 mm |
| Width | 1625 mm |
| Height | 2700 mm |
| Weight | 5100 kg |

Tool Holder Data

| | |
|--------------------|------------------|
| Top Tool Holder | Wila Hd Pro NSCL |
| Bottom Tool Holder | Wila Mc Pro NSCR |
| Crowning | Motorized |

Control Unit

| | |
|--------|-----------------|
| CNC | DA-66 |
| Screen | 15" Touch panel |

