

**DURMA**

Today Tomorrow Forever...

MAY 2017



# 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.



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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

