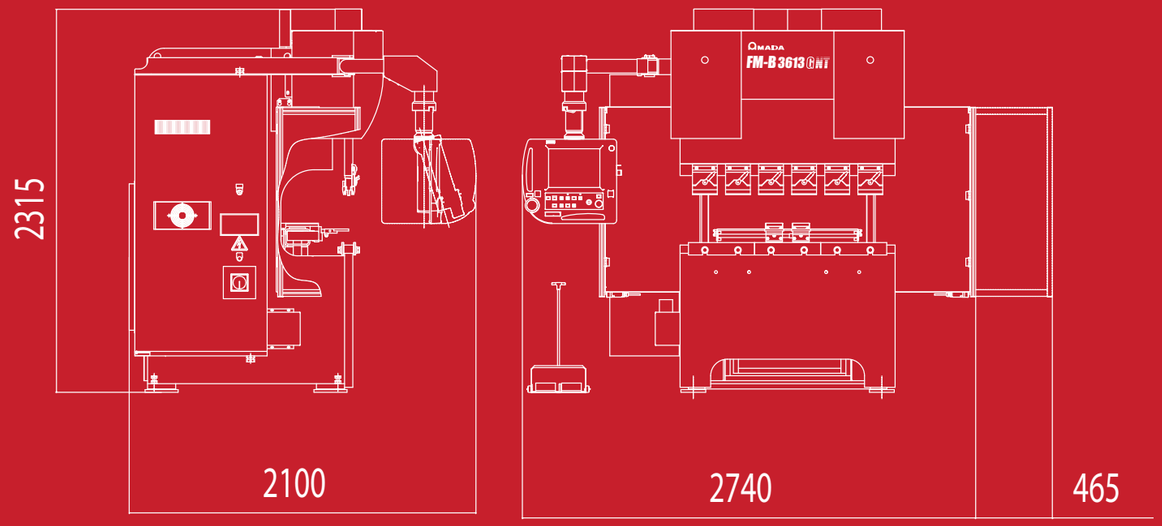
DESCRIPTION	UNITIES	FM-B 3613 G NT
Nominale force	kN (ton)	352 (36)
Table lenght	mm	1300
Distance between frames	mm	960
Troat depth	mm	410
Open height	mm	420
Open height with distance piece	mm	300
Stroke lenght	mm	150
Working height	mm	890/990/1040
Table width	mm	60
Approach speed	mm/sec.	100
Bending speed	mm/sec.	0.1 à 20
Return speed	mm/sec.	100
Delta Y1/Y2	mm	+/-2
Servo motor power	kW	4 x 2
Total power requirement	kVa	13.3

Dimensions



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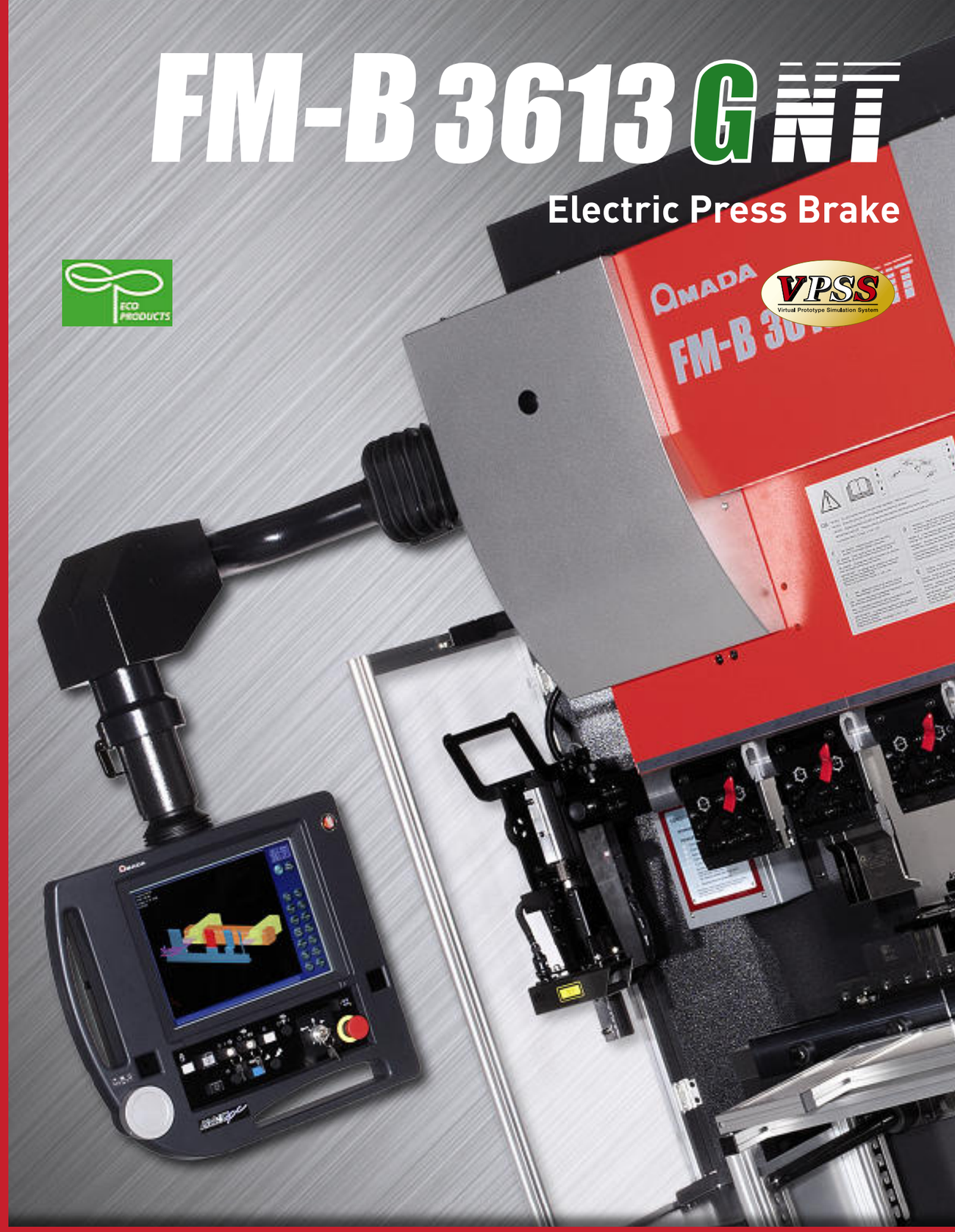
FM-B 3613 G NT

Electric Press Brake



AMADA

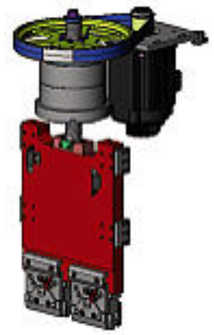
PRECISION - ECOLOGY - ERGONOMICS

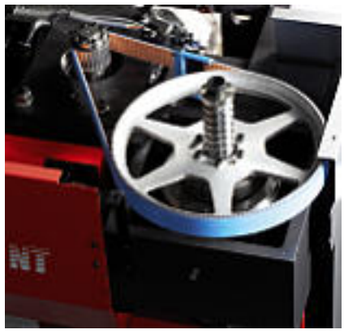
Are essential requirements for all successful companies, the FM-B Press Brake has all of them.
Traditional hydraulic Press Brakes have reached the limit of these requirements. The driven by servo motors ("ECO-Technology"), achieves a very high level of precision and repeatability.

Servo Drive System

Servo motors

Two servo motors control the movement of the upper beam. They guarantee the precision positioning of the punch into the die, with an unrivalled constancy, hence ensuring an excellent bending result. The FM-B is particularly adapted to the processing of small and complex parts, it allows the operator precise and adjustable control of the bending beam. This faculty provides a very high level of quality and productivity.





Electric consumption

The advantage of servo motors is the low energy requirement and the limitation of energy need to the working cycle. The operations of maintenance are also reduced to a minimum. This translates to very low operating costs.

GRAPHIC

The Back Gauge

A complete solution

Le The very precise Back Gauge mechanism features 5 axes:
X_1 - X_2 Gauging of bend length,
Z_1 - Z_2 Gauging of the distance between the stops,
R Gauging of the height of the stops.
This configuration and the wide contact area on the stops provide best ergonomics for every operation.

Ergonomics

CNC Controller AMNC

The ergonomic AMNC control was developed using AMADA's extensive know-how and experience. The AMNC is adjustable in height, in angle and in inclination, to adapt itself to any operator.

Intelligent foot-pedal

Ram speed is controlled by the operator through the intelligent foot-pedal, up to the maximum speed specified in the programme. This facility is particularly useful for manufacturing small and complex parts.

PHOTO

Work table (option)

A wide work table facilitates the organisation of the workstation, providing gains in productivity and quality. The table is easily adjusted in height and depth.

Lighting (option)

The lighting of workshops are generally too diffuse to illuminate sufficiently the working area.
The rails of LED lights at both the front and back of the upper beam improve the ergonomics of the workstation.

Dynamic angle measure (option)

La The bending quality and repeatability are major advantages of the FM-B.
However variations in thickness and material resistance affect bend angle, AMADA offers the dynamic angle measuring system B.I.J. to eliminate these variables.