ADIRA Electronic Synchronised Hydraulic Press Brake Model QIHF-17540 BL with 6 axes as per CE Machinery Directive

Machine equipped with Numerical Control ModEva 10, colour, Y1/Y2, X, R, Z1/Z2 (6 axes), DNC controlled crowning table with central slot and mechanical clamping of the die, complete with punches and die, reversible punch-holders with manual quick clamp.
Machine equipped as follows:
- Double protection (electric and electronic) against excessive tilting;
- Numerical control CYBELEC ModEva 10S 2D colour:
- Electronic hydraulic synchronism of the ram (axes Y1 and Y2);
- Electronic-hydraulic stop of the ram within 0,01 mm;
- Adjustment of the bending depth under load over the plate to bend by the DNC;
- Complete programming of the bending angle;
- Programming of the ram tilting (Y1 different from Y2);
- Programming of the bending/return speed (19 - 100%);
- Tonnage programming/calculation by the DNC;
- Very high approach speed;
- High open height and long stroke;
- Deep gap;
- Numerically controlled multi-axes back gauge (X, R);
- Second stop on X axis - 400 mm more;
- Two back gauge fingers;
- Set of simple front supports;
- Frame deflection compensation crowning table on machines with 4000 mm length with central slot and mechanical clamping;
- CE safety as standard - laser beams;
- Punches sectioned, ground and hardened;
- Hardened and ground die.

NUMERICAL CONTROL MODEVA 10

2D graphic numerical control, colours, to control the bending angle and the dimension of the leg to bend, with the following characteristics:

- Control mounted on a pendant arm;
- High programming and working memory;
- Frame deflection compensation calculation allowing for the back gauge (X axe) with ball screws;
- The back gauge positioning is ensured by DC servo-motors that managed the ball screws;
- 2 back gauge fingers with micrometrical adjustment;
- Programming software;
- Conversation of drawings made in CAD;
- Quick cursor - button allowing for the easy movement of the cursor over the different pages as well as the opening and selecting of different options in the menu of the numerical control (as a computer mouse);
- Network connection Ethernet type.

Technical Data QIHF 17540 PLS

- Max. capacity	1750 kN
- Working length	4000 mm
- Distance between housings	3700 mm
- Throat depth	500 mm
- Max. stroke	300 mm
- Max. open height	480 mm
- Ram speeds	
Approach	200 mm/s
Working	9 mm/s
Return	140 mm/s
- Motor power	15 kW
- Voltage:	
3 phase, 400 V,50 Hz	
- Approx. weight	17000 Kg
- Machine overall dimensions	
Length	4700 mm
Width	2140 mm
Height	3070 mm
Height of the working station	955 mm