

Bending robot Amada HDS 1030NT with ASTRO II 100 NT PLUS

Year 06/2010

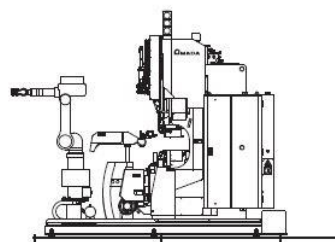
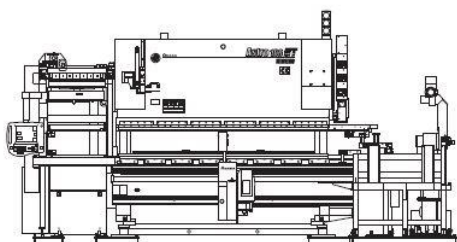
Machine hours: about 36.000h



Description

The „PLUS“ version contains a higher automation level

- automatic tool changer
- automatic gripper change
- Loading and unloading robot ASTRO-MP 20 linear movable on 2500 mm axis
- transfer table ABT with automatic adjustment

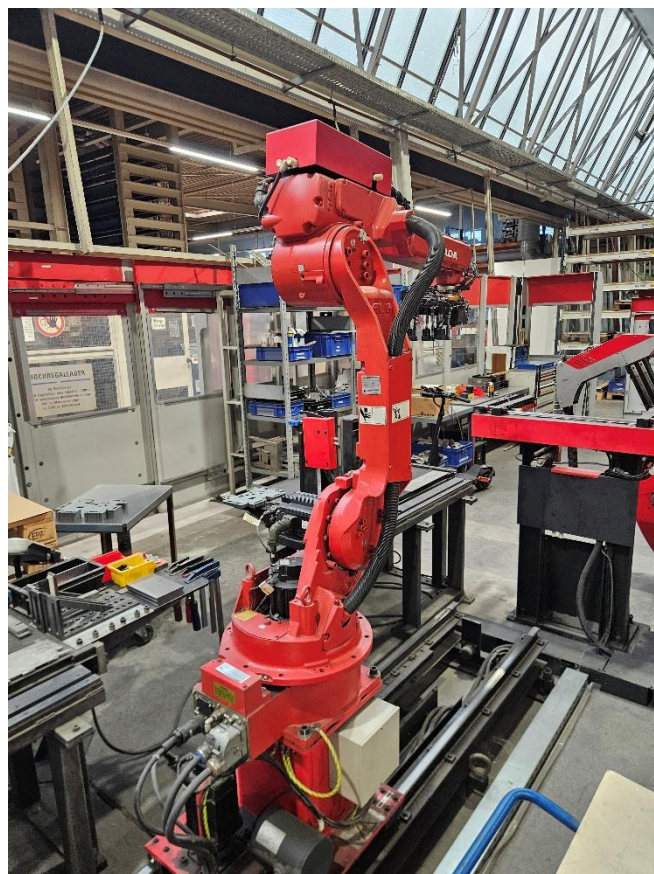


Press brake Amada HDS-1030 NT

Press force	1000 kN
Drive	Servo hydraulic
Deflection compensation	active hydraulic cylinder
Bending length	3000 mm
Distance between frames	2700 mm
Throat	415 mm
Stroke	200 mm
Installation height	500 mm
Working area backgauge	600 mm
Width of working table	60 mm
Number of controlled axis	7
Approach/return speed	200 mm/s
Bending speed	20 mm/s
Power consumption	7,6 kVA
Oil volume	57 l
Weight	6.700 kg
Control	AMADA AMNC II

Loading and unloading robot ASTRO-MP 20

Max. capacity (incl. gripper)	20 kg
Number of controlled axis	6
Max. workpiece dimension	as ASTRO-100 NT
Stack height raw material	500 mm
Drive	AC-Servomotor
Control	Amada AMNC II – AS100CE



Bending robot ASTRO-100 NT

Control	Amada AMNC II – AS100CE
Max. capacity (incl. gripper)	20 kg
Number of controlled axis	5
Length of linear axis	3080 mm
Max. sheet thickness	2,5 mm
Max. workpiece size	800 x 1000 mm
Max. workpiece size as profile	300 x 1800 mm
Repeat accuracy	+/- 0,1 mm
Drive	AC-Servomotor
Weight	450 kg

