



SOLUTION

HRB ATC SERIES

BENDING MACHINE WITH ATC FOR AFH-ATC TOOLS



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PRESS BRAKE FOR VARIABLE LOT SIZES WITH AFH-ATC TOOLS

AUTOMATIC / INTELLIGENT TOOL SETUP WITH ATC FOR AFH-ATC TOOLS

Generally speaking, tool setup operations are major drawbacks to productivity. For this reason the press brakes HRB-1003 and HRB-2204 exist with an ATC and programming by remote CAD/CAM software.

The HRB with automatic tool changer (ATC) meets the needs of variable lot sizes production. The ID tooling makes automatic and manual tool setup possible, resulting in prevention of setup errors through detection of tools information and its location.

The life of tooling is extended through an ATC storage device and hydraulic clamping of punches and dies.



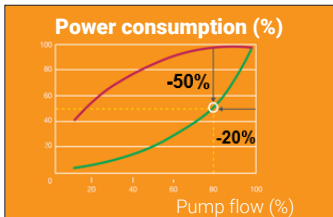
Photograph includes optional equipment

KEY FEATURES



Automatic Tool Changer (ATC)

Automatic tool changer allows non skilled setup. The ATC tool storage is capable of holding many different types to cover a wide range of bending requirements.



Hydraulic drive / Auto-crowning

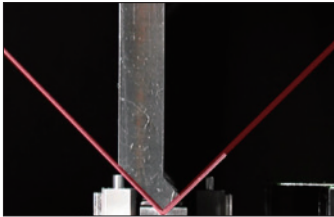
Thanks to the management of the hydraulic system with a frequency converter, power consumption is reduced by at least 20% (compared to conventional press brakes without inverter), providing environmental benefits.

The new auto-crowning produces bending tolerance of $\pm 20'$ at any point along the beam.



Backgauge system

FAST fingers and X Delta X, the safety and maximum performance.



Angle control and Measuring systems

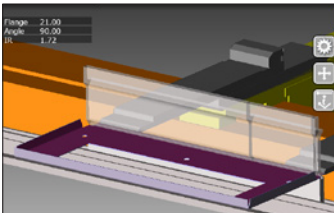
- Bi-S measures the bending angle and makes corrections as required.
- The AMADA Digipro is a highly-accurate, electronic angle measuring device that transmits the measured angle wirelessly to AMNC 3i.



AMNC 3i

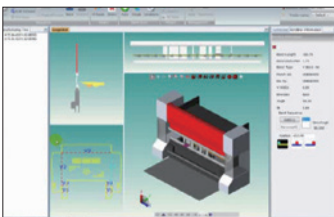
19 inch, smartphone type multitouch panel for easy viewing and quick data input.

The new LITE user interface simplify all operations, making the usage of the machine fast and easy.



Built-in-CAM

Automatic bend program creation using unfold CAD data.



VPSS 3i

Easy and short time creation of optimized unfold drawing and program considering whole process (blanking, bending, welding).

DIMENSIONS

Unit : mm

HRB-1003ATC

(L) 5855 x (W) 3220 x (H) 2950

HRB-2204ATC

(L) 7050 x (W) 3560 x (H) 3090



MACHINE SPECIFICATIONS

PRESS BRAKE		HRB-1003ATC	HRB-2204ATC
Capacity	kN	1000	2200
Open height	mm	520	520
Stroke length	mm	250	250
Approach speed	mm/s	200	100
Bending speed	mm/s	15	10
Return speed	mm/s	150	100
ATC			
Number of die stockers		18	25
Number of punch stockers		15	18
Tool layout length	mm	15 ~3025	15 ~4000
Total length increments	mm	5	5

Specifications, appearance and equipment are subject to change without notice by reason of improvement.



For Your Safe Use
Be sure to read the operator's manual carefully before use.
When using this product, appropriate personal protection equipment must be used.

The official model name of machine described in this catalogue is HRB-ATC. Use the registered model name when you contact the authorities for applying for installation, exporting, or financing.
Hazard prevention measures are removed in the photos used in this catalogue.

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