

SOLUTION

BENDING



HG 2204 ATC



HIGH PERFORMANCE BENDING MACHINE WITH AUTOMATIC TOOL CHANGER



AMADA

DATA SHEET

HG 2204 ATC

HIGH PERFORMANCE BENDING MACHINE WITH AUTOMATIC TOOL CHANGER

AMADA engineered the HG-ATC as an ideal solution for variable lot sizes and complex tool layouts. The Automatic Tool Changer (ATC) can load even the most complex tool layout within three minutes and allows operators of varied experience levels to efficiently utilise this bending machine.



Sheet follower



Bi-S



Automatic Tool Changer

MAIN FEATURES

- Automatic Tool Changer (ATC)
- High rigidity frame
- Hybrid drive system
- Hybrid crowning system
- Bi-S 3 point active measurement
- AKAS Safety device
- Wireless digital protractor
- One-stroke tooling
- SF75 Sheet follower with parking area
- Delta-X back gauge
- Third foot pedal
- AMNC 3i numerical control
- Barcode reader
- Automatic clamp AMTS III
- VPSS 3i Bend software
- ID tool function

BENEFITS

- Reduce tool setup: operating ratio and total productivity increased by ATC
- High productivity due to hybrid technology and fast back gauge
- VPSS improves machine productivity ; offline software drastically reduces programming, set-up time and part adjustment
- Stable and flexible gauge operation with Delta-X function and U-shape finger
- High angle accuracy and linearity due to Bi-S 3 point measurement and active crowning system
- SF75: stable and ergonomic bending process (man power reduced from two to one operator)
- Flexible foot pedal configuration for ergonomic and fast production
- Smart tool management with the ID function

MACHINE SPECIFICATIONS

HG-2204 ATC		
Bending capacity	kN	2200
Beam length	mm	4300
Table width	mm	76
Distance between frames	mm	3760
Throat depth	mm	455
Open height	mm	596 (436)*
Upper beam stroke	mm	250
Working height	mm	989
Crowning cylinders		3
Approach speed	mm/s	220
Bending speed	mm/s	20**
Return speed	mm/s	250
Machine mass	kg	22400

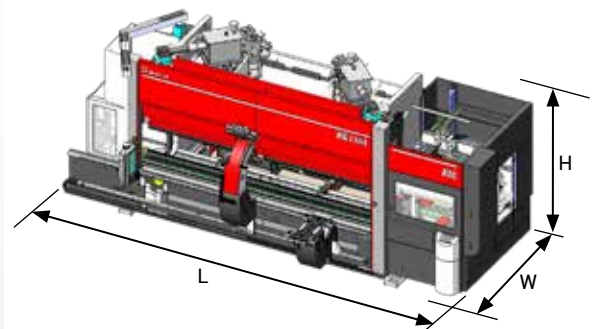
*With punch holder ** Depending on V- size

MACHINE DIMENSIONS

HG-2204 ATC
(L) 8230 x (W) 3287 x (H) 3325

Unit: mm

Dimensions include NC with pendant arm at maximum extension



Specifications, appearance and equipment are subject to change without notice by reason of improvement. Hazard prevention measures are removed in the photos used in this sheet.

AMADA UK LTD.

Spennells Valley Road,
Kidderminster,
Worcestershire DY10 1XS
United Kingdom
Tel: +44 (0)1562 749500
Fax: +44 (0)1562 749510
www.amada.co.uk

AMADA SA

Paris Nord II
96, avenue de la Pyramide
93290 Tremblay en France
France
Tél : +33 (0)1 49 90 30 00
Fax : +33 (0)1 49 90 31 99
www.amada.fr

AMADA GmbH

Amada Allee 1
42781 Haan
Germany
Tel: +49 (0)2104 2126-0
Fax: +49 (0)2104 2126-999
www.amada.de

AMADA ITALIA S.r.l.

Via Amada I., 1/3
29010 Pontenure
(PC)
Italia
Tel: +39 (0)523-872111
Fax: +39 (0)523-872101
www.amada.it

