QUALITY BENDING MADE EASY

Simple and easy to use, AMADA’s HFE T2 brings together the necessary functions for quality bending. With a capacity of 1,000 kN and a bending length of 3 metres, it makes a truly universal machine that meets all requirements for modern applications.

Additional features give more flexibility: manual fingers can be added to the back gauge, and the manual hand wheel can be used to adjust all the axes.

The HFE T2 is the result of AMADA’s experience developed over 50 years.

OPTIONS

MANUAL CLAMPS
SGRIP / SGRIP DUO
Possible to install side-by-side with a front operated clamping lever. A mechanical groove prevents tools dropping. Dial adjustable wedge mechanism.

HAND WHEEL
Manual adjustments of all axes are easily achieved with the hand wheel.

DIGIPRO
This electronic device uses wireless technology to transmit the measured angle to the NC. The program automatically provides a precise bend angle.
The back gauge is an essential component that helps achieve optimal bending results. The 2 axes (X, R) are driven by two induction motors and guided by ground ball screws guaranteeing accuracy and long life.

With an X axis stroke of 550 mm and an R axis stroke of 150 mm, it combines performance and comfortable handling. Fastened to the side frames, it offers exceptional clearance opportunities within the machine.

As standard, the HFE T2 makes no concessions to bending quality. The use of a "reactive" beam allows parallel deformation of the upper and lower beams under pressure. This technology guarantees bending angle consistency, regardless of the material, the thickness or the length of the workpiece.

The accuracy of the upper beam is ensured using two linear scales. The open height of 470 mm between the upper and lower beams allows the creation of deep boxes and the easy release of complex parts. The machine side frames have a large throat depth of 420 mm which allows bending of large panels over their entire length.

SAFETY: EC COMPLIANT
AMADA press brakes are fitted with dual controls with 1 opening pedal and 1 closing pedal with 3 positions.

The AKAS LC-2 with manual adjustment option is a laser beam protection solution. Safe for the operator, it increases the approach speed of the upper beam and increases the productivity of the machine.

Manual fingers can be added to the back gauge for reliable gauging of long parts. Ergonomic solution for multi station set-up and two operator bending activity. An LED light is installed to the rear side of the upper beam to increase operator visibility.
For Your Safety
Please read the user manual before use. Before using this machine, please familiarise yourself with the risks.

The use of this product requires appropriate risk prevention measures depending on the type of work to be performed. The safety devices recommended by AMADA are supplied as standard for proper use with regard to EC conformity.

The official name of the machine described in this brochure is HFET2. Please use this reference when contacting authorities to apply for financing, installation or exporting. The machine name may contain a hyphen for easier reading.

Safety devices have been removed in some photos used in this brochure.

The specifications, appearance and equipment are subject to change without notice due to improvement.

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**MACHINE DIMENSIONS**

HFE-1003T2
(L) 4380 x (W) 2430 x (H) 2680

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**MACHINE SPECIFICATIONS**

<table>
<thead>
<tr>
<th>HFE-1003T2</th>
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<tbody>
<tr>
<td>Bending capacity</td>
<td>kN</td>
<td>1000</td>
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<tr>
<td>Beam length</td>
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<tr>
<td>Distance between frames</td>
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<td>Throat depth</td>
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<td>Open height</td>
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<td>Upper beam stroke</td>
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<td>Working height</td>
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<td>Power consumption</td>
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<td>Approach speed (with additional protection option)</td>
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<td>Bending speed</td>
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<tr>
<td>Return speed</td>
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<tr>
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<tr>
<td>Positioning accuracy</td>
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<tr>
<td>Machine mass by SI unit</td>
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**BACK GAUGE SPECIFICATIONS**

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<thead>
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<th>2-AXIS BACK GAUGE</th>
<th>X axis</th>
<th>R axis</th>
<th>Z axis</th>
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<tbody>
<tr>
<td>Operating stroke</td>
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<td>Speed</td>
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<tr>
<td>Accuracy</td>
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