

SOLUTION

BENDING



HFE 3i 1003



FLEXIBLE PRODUCTIVITY FOR ALL BENDING REQUIREMENTS



AMADA

DATA SHEET

HFE 3i 1003

FLEXIBLE PRODUCTIVITY FOR ALL BENDING REQUIREMENTS

Built on the solid foundation of the HFE series, AMADA's HFE 3i press brake models include additional production-enhancing features and the innovative AMNC 3i touchscreen interface.

The back gauge system, based on Delta-X and FAST functions, allows for quick, reliable and flexible gauging. The smart clamping & tooling solutions reduce set-up time and increase overall productivity.

MAIN FEATURES

- Long stroke
- Smart drive system: ECO
- Multi touch LCD panel (easy operation)
- Infrared DigiPro
- FAST (Finger with Active Safety Technology)
- 5 axis back gauge with Delta-X and U-shape finger
- Parallel beam deflection (AMADA Patent)
- Total solution pack (AFH and One-Stroke tool, Automatic clamp, VPSS 3i)
- Sheet support T7

BENEFITS

- Improve machine productivity with VPSS; offline software drastically reduces programming, setup time (common tool layout) and part adjustment (correct unfold calculation)
- Enlarge range of parts with long stroke function
- Smart tooling solutions:
 - reduced tool setup (by AFH and One-Stroke)
 - reduced setup time (by automatic clamp upper and lower)
- Gauging operation:
 - productive and safe (by FAST)
 - accurate and stable (by Delta-X and U-shape finger)
- Constant angle accuracy for short and long part without operator adjustment thanks to parallel deflection of upper and lower beams (AMADA patent)



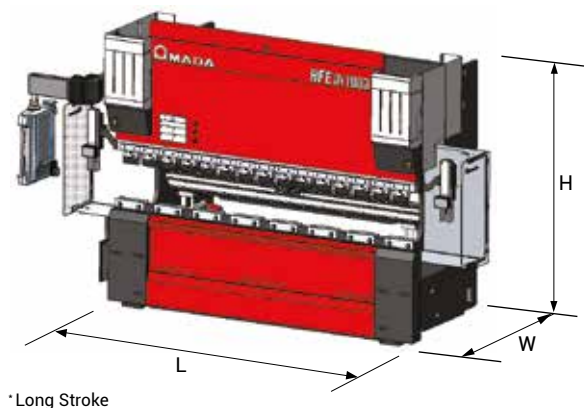
MACHINE SPECIFICATIONS

| HFE3i-1003 | | |
|--|------|------------|
| Bending capacity | kN | 1000 |
| Beam length | mm | 3110 |
| Table width | mm | 60 |
| Distance between frames | mm | 2705 |
| Throat depth | mm | 420 |
| Open height | mm | 470 (620)* |
| Upper beam stroke | mm | 200 (350)* |
| Working height | mm | 960 |
| Power consumption (only Y axis servo motor) | kW | 7.5 |
| Approach speed (with additional protection option) | mm/s | 220 |
| Bending speed | mm/s | 15** |
| Return speed | mm/s | 150 |
| Machine mass | kg | 6600 |

* Long Stroke ** Depending on V- size and applied force

MACHINE DIMENSIONS

HFE3i-1003 Unit: mm
(L) 4615 x (W) 2660 x (H) 2680 (2725)*
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.

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