

HFA 700II



Specifications

Cutting Capacity

Round work (Diameter)	: Ø290 to Ø700 mm (Ø11.42 to Ø27.56 in.)
Rectangular work (W X D X H)	: 30 x 290 mm to 700 x 800 mm (1.18 x 11.42 in. to 27.56 x 31.50 in.)

Motors

Saw blade motor	: 11 kW (14.8 HP), 4P
Hydraulic pump motor	: 3.7 kW (5.0 HP), 4P
Cutting fluid pump motor	: 0.36 kW (0.48 HP), 2P
Wire brush motor	: 0.09 kW (0.12 HP), 4P

Environment

Power source	: 3-phase, 200 VAC:± 10%, 50/60 Hz : 3-phase, 220 VAC:± 10%, 60 Hz
Temperature	: Operating: 0 to 40°C (32 to 104°F) : Nonoperating: -5 to 50°C (23 to 122°F)
Humidity	: Operating: 30 to 90% : Nonoperating: 10 to 95% (noncondensing)

Control circuit voltage

AC 100V, DC 24 V

Saw Blade

Dimensions (W x T x L)	: 67 x 1.6x 8300 mm (2.64 x 0.063 x 327 in.)
Running speed	: 15 to 120 m/min (49 to 394 fpm) at 50/60 Hz, changed by inverter
Tension control	: Hydraulic powered, with saw blade breakage and slip detection functions

Guide

Side	: Inserts, bearing twist
Back	: Backup tips

Vise

Operation	: Hydraulic full-stroke cylinder
-----------	-------------------------------------

Cutting fluid

Tank capacity: 100 L (26.4 US gal)

Hydraulic

Tank capacity : 115 L (30.4 US gal)

Saw Blade control

UP

Automatic : Hydraulic automatic rise (automatic stop at upper limit)

Manual : Inching up by pushbutton operation

Rise height setting : Automatic setting with quick approach feeler

DOWN

Automatic : Rapid approach with quick approach feeler

Manual : Inching down by pushbutton operation

Depth-of-cut-control : Hydraulic powered, CNC-LIGHT unit

Slip detection : Automatic stop at overload, jamming, or breakage

Work feed

Type (capacity) : Hydraulic shuttle type, maximum stroke length of 500 mm (19.685 in.), standby position selectable

Remnant length : 35 mm (1.38 in.) for clamp clearance of 20 mm (0.79 in.)

Chip disposal

Automatic follow-up wire brush
Chip conveyor (automatic hydraulic screw type)

Table height

700 mm (27.6 in.)

Allowable loading mass on machine

8000 kg (17640 lb)

Machine dimensions (W x D x H)

3999 x 2133 x 2867 mm (157.4 x 84.0 x 112.9 in.)

Machine mass

7000 kg (15440 lb)

Automatic breakage function

Number of input stations : 99
Cut off length : 10.0 to 9999.9 mm in 0.1-mm increments, 0.394 to 99.999 inches in 0.001-inch increments
Number of cut pieces : 1 to 9999 per station
Kerf compensation : Automatic kerf compensation
Also automatically calculated during feed of long work
Input method : Numeric-key input
Cutting data display : LCD screen
Memory backup : Yes (dedicated battery built in)

Note: Specifications may change without notice at the sole discretion of Amada's Engineering Department.



Tru-Cut Tools (India) Pvt. Ltd.

1408, Dalamal Tower, 211, Nariman Point, Mumbai - 400021.
Phone: (+91-22) 2202 0625 Fax: (+91-22) 2202 0626 Web: www.trucut.co.in

