



Specifications

ITEM	EV-1050
Table Dimensions	1200 x 600
Working area	1050 x 600
T-slot	CD100 x 18 x 5
Max. loading capacity	600 kg
Travel Range	Max. travel range of X/Y/Z-axis 1050 / 600 / 610
Distance from spindle nose to table surface	1207 mm
Distance from spindle center to column	700 mm
Spindle	Spindle taper ISO No.40
Spindle nose outer diameter	φ70
Spindle speed	STD: 8,000 rpm; OPT: 10,000; Direct-drive: 10000, 12000 rpm
Feedrate	Feedrate of x /Y/Z-axis 1 -10000 mm /min
Slideways of x /Y/Z-axis	Linear guideway
Rapid traverse of x /Y/Z-axis	Fanuc: 36 / 36 / 30 m/min
Tool Magazine	Tool capacity STD: 24 pcs; OPT: 30 pcs
Tool selection	Bi-direction & the shortest selection
Max. tool diameter w/ adjustable length	φ200 x 300
Max. tool diameter w/o adjustable length	φ150 x 300
Max. tool weight	8 kg
Tool shank	BT40 or V40CT or SK40
Drive Motor	Spindle drive motor Fanuc: β18/10000 7.5/11 kW OPT: Mistubishi SJ-D11/80-01-C/10000
	Servo motors of X /Y/Z-axis Fanuc: X/Y β is12/3000 (1.8kW), Z β is22/2000 (2.5kW) Mitsubishi X/Y HF204S-A48 (2kW), Z HF303BS-A48(3kW)
Coolant motor	960 W + 1080 W
Chip conveyor motor	215 W
Accuracy	Positioning ± 0.005
Repeatability	± 0.003
Miscellaneous	Power requirement 208-220V / 55 Amps / 3 Phase
Floor area (W x D x H)	3372 x 2426 x 2721
Packing dimension (W x D x H)	3710 x 2300 x 2510
Net weight (approx.)	6180 kgs
Gross weight (approx.)	6470 kgs

*Specifications are subject to change without notice

Standard

- FANUC • End Of Program Light (Tool Color) manual guide 0i
- Fanuc spindle motor 7.5/11kW (8hp)
- FANUC servo motor 1.8/1.8/2.5 (8 type) Off
- BT40 8,000 rpm spindle • Tool Kit
- Arm Type ATC 24 Tools Leveling Bolts and Pads
- Cutting coolant system Screw type chip conveyor and chip cart
- Spindle Taper Cleaner • YIDA manuals (operator & maintenance, parts list, electrical drawing)
- T-Slot Table • Fanuc manuals
- M.P.G. • 2-year FANUC controller warranty
- Heat Exchanger for Electrical Cabinet machine parts warranty (Ex-work Factory)
- Automatic Lubrication System linear guide way
- Fully Enclosed Splash Guards C2 ballscrews
- Work Lamp

Options

- • Codan Coolant Tool Tip
- Siemens Controller • Link Belt Type Chip Conveyor + Chip Bucket
- Heidenhain Controller • Chip Flushing System
- Mitsubishi Controller Automatic LUBE LHL lubrication System
- BT40 10,000 rpm; Direct-Drive 10000, 12000 rpm
- BT40 Arm Type A.T.C 30 Tools Optical Scale
- Coolant Through Spindle Tool Measurement Device
- Heat Cooling System piece Measurement Device
- 4th or 5th Axis

- High Pressure Coolant System
- Oil and Coolant Separation System linear guide way