



Specifications

ITEM	EV-860
Table Dimensions	1000 x 600
Working area	860 x 600
T-slot	CD100 x 18 x 5
Max. loading capacity	600 kg
Travel Range	Max. travel range of X/Y/Z-axis 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: β il8/10000 7.5/11 kW OPT: Mitsubishi 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)	2864 x 2576 x 2721
Packing dimension (W x D x H)	3670 x 2280 x 2510

