



Specifications

ITEM	EV-860
Table Dimensions	1000 × 600
Working area	860 × 600
T-slot	CD100 × 18 × 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
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 × 300
Max. tool diameter w/o adjustable length	φ150 × 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 × D × H)	2864 × 2576 × 2721
Packing dimension (W × D × H)	3670 × 2280 × 2510

*Specifications are subject to change without notice

Options

- High Pressure Coolant System
- Oil and Coolant Separation System
- Coolant through Tool Tip