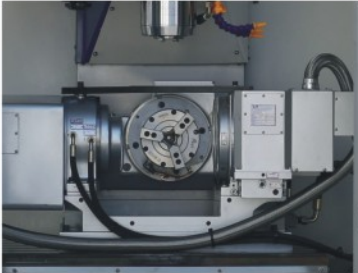


# Open Innovation for Maintaining Ideal Machining Quality

We offer a variety of high-performance peripheral equipment according to customer production requirements.

The combination of the VMC machine and high-performance peripheral equipment delivers high-precision machining and excellent durability.



#### 4th and 5th axis auxiliary device interface

Users who wish to set up a rotary axis on the table to increase application flexibility are encouraged to contact sales representatives.



#### Chip conveyor

Reduced chip accumulation inside the machine and operator spends less time removing chips.



#### Automatic measurement

Automatic tool setting and workpiece measurement offer easy operation and help operator save working time.



#### Coolant through spindle center

Coolant to be supplied to the tip through the holes of the spindle and tool.



#### Spindle Oil Coolant

An oil cooler correlated to room temperature can be equipped for long-term operation at high speed.

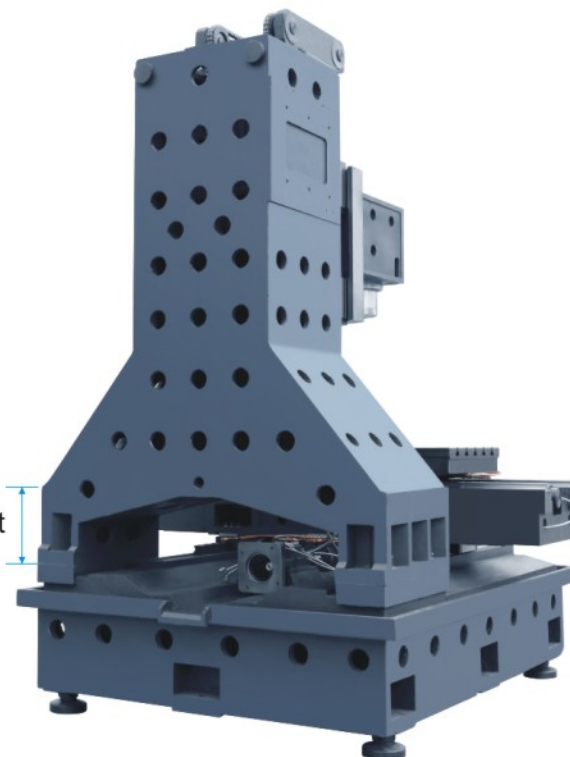
Height raised

**100-300mm**

Raised column

When the distance between the table top and the spindle nose needs to be extended, for example, to accommodate a fixture or rotary axis on the table, the column can be raised.

Height



# HIGH SPEED F SERIES

## Fast Motion Design

To increase your productivity, the Z-MaT F series vertical machining center is standard with a 48m/min fast traverse, a high-speed ATC, big pitch C3 ballscrew, cylindrical roller linear guideway. The all-around design enhanced performance of the F series machines are popularly applied to 5G, IT, aero space and military industry.



## Specifications

		Unit	F855	F1055
<b>Table</b>	Table size	mm	950×550	1200×550
	Max.load	Kg	500	600
	T slot(width×nos.×distance)	mm	18×5×90	18×5×90
<b>Travel</b>	X Travel	mm	800	1000
	Y Travel	mm	550	550
	Z Travel	mm	550	550
	Spindle center to column	mm	570	580
	Spindle nose to table	mm	130-680	130-680
	Guideway type		LM (Roller)	LM (Roller)
	Spindle speed	rpm	8000,*12000	12000,*8000
<b>Spindle</b>	Spindle type		BT40	BT40
	Main servo motor	kW	7.5/11	7.5/11,*11/15
<b>Feed &amp; Magazine</b>	X/Y/Z axis rapid traverse	m/min	48	48
	ATC capacity/type	No./type	24/Disk	24/Disk
	Max. weight of tool	kg	8	8
<b>Dimension &amp; Weight</b>	Power capacity	kVA	24	24
	Dimension	mm	2500×2100×2300	3000×2300×2680
	Weight (about)	kg	6000	6500

### Standard Features

- Disk type ATC
- Ergonomic CNC Panel & MPG
- Automatic Lubrication System
- Full Machine Enclosure
- Operator Door Safety Lock
- Air Conditioned Electrical Cabinet
- Handheld Air Gun

### Optional Features

- CNC Controlled 4th Axis Rotary Table
- Different CNC Control System
- Spindle Center Coolant
- Chip Conveyor

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