

### Technical Parameter

Items		Unit	VF1290	VF1290A	VF1290B
Standard controller			FANUC 0i—MF plus absolute type 0 15"LCD	MITSUBISHI M830W 15"absolute nano system	
Travel	X axis travel (work-table)	mm	1200		
	Y axis travel (saddle)	mm	800		
	Z axis travel (spindle head)	mm	500		
Work table	Table size (length×width)	mm	1320x800		
Spindle	Spindle taper		HSK-A63		HSK-E50
	Max. spindle speed	rpm	15000 (Direct driven)	24000 (Build-in)	36000 (Build-in)
	Spindle motor power (continual working/Max.)	kW	9/15	30/39	20/26
	Spindle torque	N.m	57.3/120	29.1/37.8	10.4/13.5
Accuracy	VDI/DGQ3441	Full travel positioning accuracy	mm	P0.008	
		Repeatability accuracy	mm	Ps0.006	
Machine size (length/width/height)		mm	4220x3350x3215		
Machine weight		kg	12000		

We reserve the right to change technical parameters for improvement of our products without giving notice to customers.

### Configuration Table

Standard&Option	VF1290	VF1290A	VF1290B
FANUC 0i-MF Plus absolute type 0 15" LCD	●	x	x
mitsubishi M80A 15" LCD	○	x	x
mitsubishi M830W 15" LCD	x	●	●
SIEMENS 828D 15.6" LCD	○	○	○
SIEMENS ONE 15" LCD	x	○	○
Max. 400 blocks pre-read	●	x	x
iHMI+ManualGuide i + Data Server 1G	●	x	x
Direct driven spindle 15000rpm HSKA63	●	x	x
Direct driven spindle 15000rpm BBT40	○	x	x
Electric spindle 20000rpm HSKA63 SKYNC170	○	x	x
Electric spindle 24000rpm HSKA63 SKYNC/IBAG 170	○	●	x
Electric spindle 36000rpm HSK E50 IBAG	x	x	●
Chain type ATC HSKA63 32T/40T/60T	○	○	x
Drum type ATC HSKA63 20T	○	○	x

Drum type ATC HSKE50 24T	x	x	○
Column raise 200	○	○	○
Rigid tapping	●	●	●
Full-enclosed splash guard	●	●	●
Spindle chiller / Coolant surrounding spindle	●	●	●
Spindle air sealing / Air blowing device	●	●	●
Working area light / 3 colors warning light	●	●	●
A/C for electric cabinet	●	●	●
Portable MPG	●	●	●
Grease lubrication device	●	●	●
Coolant system / Pneumatic system	●	●	●
Chain chip conveyor	○	○	○
Coil chip conveyor	●	●	●
Air gun / Water gun with flushing function	●	●	●
Oil skimmer	●	●	●
Automatically power off / Tool kit	●	●	●
Transformer	●	x	x

Adjustable level bolts and foundation block	●	●	●
Safety door interlock / Operation manual	●	●	●
Roof spraying system	○	○	○
Drawer type water tank	●	●	●
Buzzer alarm lamp	○	○	○
Air dryer	○	●	●
Oil mist collection machine	○	○	○
Coolant through spindle center 20/70bar	○	○	○
Voltage stabilizer	○	○	○
Collision avoidance device	○	○	○
Measuring system	○	○	○
Smart spindle temperature compensation (FANUC)	●	x	x
Absolute linear scale(FAGOR)	●	●	●
Water tank with level detection	●	●	●
Full enclosed iron box package	○	○	○

●Standard ○Optional xNot available