

VF18 Series

Technical Parameter

Items		Unit	VF2318	VF2318A	VF3218	VF3218A	VF4118	VF4118A
Standard controller			FANUC 0i—MF plus absolute type 0 15"LCD	MITSUBISHI M830W 19" absolute nano system	FANUC 0i—MF plus absolute type 0 15"LCD	MITSUBISHI M830W 19" absolute nano system	FANUC 0i—MF plus absolute type 0 15"LCD	MITSUBISHI M830W 19" absolute nano system
Travel	X axis travel (work- table)	mm	2300		3200		4100	
	Y axis travel (saddle)	mm	2000					
	Z axis travel (spindle head)	mm	800					
Work table	Table size (length×width)	mm	2300x1600		3200x1600		4100x1600	

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Spindle	Spindle taper		HSK-A63					
	Max. spindle speed	rpm	15000 (Direct driven)	24000 (Build-in)	15000 (Direct driven)	24000 (Build-in)	15000 (Direct driven)	24000 (Build-in)
	Spindle motor power (continual working/Max.)	kW	15/38	25/33	15/38	25/33	15/38	25/33
	Spindle torque (continual working/Max.)	N.m	70/149	68/89.5	70/149	68/89.5	70/149	68/89.5
Machine size (length/width/height)		mm	7750x4000x4600		9250x4000x4600		10650x4000x4600	
Machine weight		kg	23000		26000		29000	

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

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Configuration Table

Standar&Option	VF2318	VF2318A	VF3218	VF3218A	VF4118	VF4118A
FANUC 0i-MF Plus absolute type 0 15" LCD	●	○	●	○	●	○
MITSUBISHI M830W 19" LCD	○	●	○	●	○	●
SIEMENS 828D 15.6" LCD	○	○	○	○	○	○
SIEMENS ONE 15"LCD	○	○	○	○	○	○
Max. 1500 blocks pre-read	●	x	●	x	●	x
iHMI+ManualGuide i + Data Server 2G	●	x	●	x	●	x
Interpolation type straightness compensation	●	x	●	x	●	x
Direct driven spindle 15000rpm HSKA63	●	x	●	x	●	x
Direct driven spindle 15000rpm BBT40	○	x	○	x	○	x
Electric spindle 20000rpm HSKA63 SKYNC170	○	x	○	x	○	x
Electric spindle 24000rpm HSKA63 SKYNC/IBAG230	x	●	x	●	x	●
Direct driven spindle 10000rpm HSKA100	○	x	○	x	○	x
Electric spindie 12000rpm HSK A100 SKYNC	○	x	○	x	○	x
Arm type ATC HSKA63 24T	○	○	○	○	○	○

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Chain type ATC HSKA63 32T/40T/60T	○	○	○	○	○	○
Column raise 200	○	○	○	○	○	○
Column raise 300	○	○	○	○	○	○
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(Japan)	●	●	●	●	●	●
Automatically power off / Tool kit	●	●	●	●	●	●

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Transformer	●	x	●	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 20/30/50/70bar	○	○	○	○	○	○
Voltage stabilizer	○	○	○	○	○	○
Collision avoidance device	○	○	○	○	○	○
Measuring system	○	○	○	○	○	○
Smart spindle temperature compensation (FANUC)	●	●	●	●	●	●
Absolute linear scale (FAGOR)	○	○	○	○	○	○
Water tank with level detection	●	●	●	●	●	●
Full enclosed iron box package	○	○	○	○	○	○

●Standard ○Optional xNot available