

Technical Parameter

Items		Unit	VU500	VU600-M	VU800	
Standard controller			FANUC 0i—MF plus absolute type 0 15"LCD			
Travel	X axis travel (work-table)	mm	860		900	
	Y axis travel (saddle)	mm	800		1050	
	Z axis travel (spindle head)	mm	500	450	700	
Work table	Table diameter	mm	φ500	φ630	φ800	
	Workpiece max.diameter	mm	φ630	φ800	φ1000	
	Rotation angle	A axis		+90° ~ -120°		+120° ~ -120°
		C axis		360°		
	Max.speed	A axis	rpm	22.2	12.5	50
		C axis	rpm	22.2	16.7	100
Spindle	Spindle taper		HSK-A63			
	Max. spindle speed	rpm	15000 (Direct dirven)			
	Spindle motor power (continual working/Max.)	kW	15/38			
	Spindle torque (continual working/Max.)	N.m	70/149			
Machine size (length/width/height)		mm	4220x4150x3415		5790x4320x4250	
Machine weight		kg	12500	13500	22000	

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

Configuration Table

Standard&Option	VU500M	VU600M	VU800M
FANUC 0i-MF plus 15" cradle five-axis, absolute type 0 system	●	●	●
Max.1500 blocks pre-read	●	●	●
iHMI+Manual Guide i+Data Server 2G	●	●	●
Tool center point control TCP + Dividing instruction for inclined working plane	●	●	●
Direct driven spindle 15000rpm HSKA63	●	●	●
Direct driven spindle 15000rpm BBT40	○	○	○
Electric spindle 20000rpm HSK A63	○	○	x
Electric spindle 24000rpm HSK A63	○	○	○
Electric spindle 36000rpm HSK E50	○	○	○
Drum type servo ATC HSKA63 20T	●	●	x
Chain type ATC HSKA63 32T	○	○	●
Chain type ATC HSKA63 40T/60T	○	○	○
Rigid tapping	●	●	●

Full-enclosed splash guard	●	●	●
Spindle chiller	●	●	●
Spindle air sealing	●	●	●
Air blowing device	●	●	●
Coolant surrounding spindle	●	●	●
Working area light	●	●	●
3 colors warning light	●	●	●
A/C for electric cabinet	●	●	●
Portable MPG	●	●	●
Grease lubrication device	●	●	●
Coolant system	●	●	●
Pneumatic system	●	●	●
Chain chip conveyer	●	●	●
Coil chip conveyer	●	●	●
Air gun	●	●	●
Water gun with flushing function	●	●	●

Oil skimmer(Japan)	●	●	●
Automatically power off	●	●	●
Transformer	●	●	x
Tool kit	●	●	●
Adjustable level bolts and foundation blocks	●	●	●
Safety door interlock	●	●	●
Operation manual	●	●	●
Oil-way reservation in middle of worktable (two in and two out)	○	○	○
Roof spraying system	○	○	○
Mass flow chip flushing function	○	○	○
Drawer type water tank	○	○	○
Buzzer alarm lamp	○	○	○
Air dryer	○	○	○
Oil mist collection machine	○	○	○
Coolant through spindle center 20/30/50/70bar	○	○	○
Voltage stabilizer	○	○	○

Intelligent spindle thermal compensation (FANUC)	●	●	●
Automatic accuracy compensation by reference ball	○	○	○
Collision avoidance device	○	○	○
Measuring system (tool, workpiece)	○	○	○
3 axis absolute linear scale(FAGOR)	●	●	●
A/C axis absolute grating scale (FAGOR)	●	●	●
Water tankwith level detection	●	●	●
Full enclosed iron box package	○	○	○
Warranty prolong 1 year	○	○	○

●Standard ○Optional xNot available