

Technical Parameter

Items		Unit	VU170	VU400	VU600	
Standard controller			FANUC 0i—MF plus absolute type 0 15"LCD			
Travel	X axis travel (work-table)	mm	350	600	800	
	Y axis travel (saddle)	mm	400	580	760	
	Z axis travel (spindle head)	mm	400	530	700	
Work table	Table diameter	mm	φ170	φ400	φ630	
	Workpiece max.diameter	mm	φ240	φ600	φ800	
	Rotation angle	A axis		+30° ~ -120°	+90° ~ -120°	
		C axis		360°		
	Max.speed	A axis	rpm	20	22.2	12.5
		C axis	rpm	27.8	22.2	16.7
Spindle	Spindle taper		BBT40			
	Max. spindle speed	rpm	10000 (Direct driven)			
	Spindle motor power (continual working/Max.)	kW	11/20.4			
	Spindle torque (continual working/Max.)	N.m	52.5/130			
Machine size (length/width/height)		mm	3900x2300x2930	4200x3510x3170	4500x4300x3550	
Machine weight		kg	5800	8250	13700	

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

Configuration Table

Standard&Option	VU170	VU400	VU600
FANUC 0i-MF plus 15" cradle five-axis, absolute type 0 system	●	●	●
Huazhong HNC848D Five Axis Five Linkage System	○	○	○
Max. 1500 blocks pre-read	●	●	●
iHMI+Manual Guide i +Data Server 2G	●	●	●
Tool center point control TCP + Tilted working plane indexing	●	●	●
Direct driven spindle 10000rpm BBT40	●	●	●
Direct driven spindle 15000rpm HSKA63	○	○	○
Direct driven spindle 15000rpm BBT40	○	○	○
Electric spindle 20000rpm HSK A63	○	○	○
Electric spindle 24000rpm HSK A63	○	○	○
Electric spindle 36000rpm HSK E50	○	○	○
Arm type ATC BT40 24T	●	●	●
Disc type knife magazine 32T	○	○	○
Chain type ATC HSKA63 32T	○	x	○

Chain type ATC HSKA63 40T/60T	x	○	○
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 conveyor	●	●	●
Coil chip conveyor	○	x	●

Air gun	●	●	●
Water gun with flushing function	●	●	●
Oil skimmer (Japan)	●	●	●
Automatically power off	●	●	●
Transformer	●	●	●
Tool kit	●	●	●
Adjustable level bolts and foundation blocks	●	●	●
Safety door interlock	●	●	●
Operation manual	●	●	●
GTP gearbox (belt type)	x	○	○
Oil-way reservation in middle of worktable (two in and two out)	x	○	○
Roof spraying system	○	○	○
Mass flow chip flushing function	○	○	○
Drawer type water tank	○	○	○
Buzzer alarm lamp	○	○	○
Air dryer	○	○	○

Oil mist collection machine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Coolant through spindle center 20/30/50/70bar	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Voltage stabilizer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intelligent spindle thermal compensation(FANUC)	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Automatic accuracy compensation by reference ball	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collision avoidance device	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Measuring system (tool, workpiece)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3 axis absolute linear scale(FAGOR)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A/C axis absolute grating scale (FAGOR)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water tank with level detection	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Full enclosed iron box package	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Warranty prolong 1 year	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

●Standard ○Optional xNot available