

Technical Parameter

Items		Unit	UM2018	UM3018	UM4018
Standard controller			FANUC 0i—MF plus absolute type 0 15"LCD		
Travel	X axis travel (work-table)	mm	2300	3200	4100
	Y axis travel (saddle)	mm	2000		
	Z axis travel (spindle head)	mm	700		
	Rotation angle	B axis		±110°	
C axis			±360°		
Work table	Table size (length×width)	mm	2300x1600	3200x1600	4100x1600
Spindle	Spindle taper		HSK-A63		
	Max. spindle speed	rpm	18000 (Build-in)		
	Spindle motor power(rated)	kW	18.5		
	Spindle torque(rated)	N.m	29.2		
Machine size (length/width/height)		mm	7450x4450x5000	8950x4450x5000	10350x4450x5000
Machine weight		kg	25000	28000	31000

Items		Unit	UM2322	UM3222	UM4118
Standard controller			FANUC 0i—MF plus absolute type 0 15"LCD		
Travel	X axis travel (work-table)	mm	2300	3200	4100
	Y axis travel (saddle)	mm	2000		
	Z axis travel (spindle head)	mm	700		
	Rotation angle	B axis		±110°	
C axis			±360°		
Work table	Table size (length×width)	mm	2300x1600	3200x1600	4100x1600
Spindle	Spindle taper		HSK-A63		
	Max. spindle speed	rpm	18000 (Build-in)		
	Spindle motor power(rated)	kW	18.5		
	Spindle torque(rated)	N.m	29.2		
Machine size (length/width/height)		mm	7450x4450x5000	8950x4450x5000	10350x4450x5000
Machine weight		kg	25000	28000	31000

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

Configuration Table

Standard&Option	UM2018	UM3018	UM4018
FANUC 0i-MF Plus absolute type 0 15" LCD	●	●	●
Max. 1500 blocks pre-read	●	●	●
iHMI+Manual Guide i + Data Server 2G	●	●	●
Tool center point control TCP + Dividing instruction for inclined working plane	●	●	●
SKY NC single arm direct-driven swing head	●	●	●
B/C direct-driven motor	●	●	●
B/C axis circular grating ruler	●	●	●
B/C axis pneumatic lock	●	●	●
Collision avoidance device (Germany montronix)	●	●	●
Electric spindle 18000rpm HSK A63	●	●	●
Rigid tapping	●	●	●
Full-enclosed splash guard	●	●	●
Spindle air sealing	●	●	●

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Air blowing device	●	●	●
Working area light/3 colors warning light	●	●	●
Coolant surrounding spindle	●	●	●
Portable MPG	●	●	●
Coolant system	●	●	●
Air gun/Water gun with flushing function	●	●	●
Grease lubrication device	●	●	●
Pneumatic system	●	●	●
A/C for electric cabinet	●	●	●
Oil skimmer (Japan)	○	○	○
Spindle water chiller	●	●	●
Tool kit	●	●	●
Automatically power off	●	●	●
Coil chip conveyor	●	●	●
Chain chip conveyor	●	●	●
Adjustable level bolts and foundation blocks	●	●	●

Operation manual	●	●	●
Safety door interlock	●	●	●
Rotary operation box	●	●	●
High and low voltage separated electric cabinet	●	●	●
Tool release pedal switch	●	●	●
Air dryer	●	●	●
FANUC 32i 5-axis with 4 simultaneously controlled axes	○	○	○
Chain type ATC 32T/40T/60T	○	○	○
Drawer type water tank	○	○	○
Buzzer alarm lamp	○	○	○
Oil mist collection machine	○	○	○
Coolant through spindle center 20/30/50/70bar	○	○	○
Voltage stabilizer	○	○	○
Automatic accuracy compensation by reference ball (Including 2D workpiece measuring system)	○	○	○
3 axis absolute linear scale (FAGOR)	●	●	●

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Water tank with level detection	●	●	●
Full enclosed iron box package	○	○	○
Warranty prolong 1 year	○	○	○

●Standard ○Optional xNot available