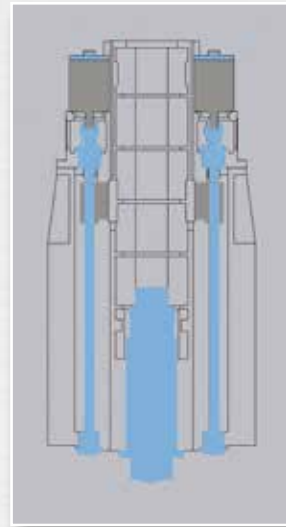


MOU13 / MOU18 / MOU23 / MOU28



Electrical Spindle



Demo cutting



STANDARD

- ❖ Controller: FANUC 0i MD
- ❖ Electrical spindle
- ❖ Spindle oil chiller
- ❖ Central lubrication system
- ❖ Guideway cover
- ❖ Coolant system
- ❖ Helix chip conveyor
- ❖ Splash guard
- ❖ Air gun
- ❖ 3-color signal lamp, working light
- ❖ Standard accessories

OPTION

1. Controller: MITSUBISHI M80
2. Controller: FANUC 31i
3. Electrical spindle 18000rpm Kessler--63A
4. Electrical spindle 12000rpm Kessler--100A
5. Electrical spindle 24000rpm Kessler--63A
6. 24T / 40T ATC --- not suitable for Kessler spindle
16T / 24T ATC --- for kessler spindle
7. CNC rotary table
8. Coolant gun
9. Coolant through spindle
10. Linear scale
11. Full enclosure sheet metal / Top cover
12. Column heightened
13. External chip conveyor
14. Workpiece probe
15. Tool setter

S Specification	Unit	MOU13x8	MOU13x16	MOU13x21	MOU13x30	MOU18x20	MOU18x30	MOU18x40	MOU18x50	MOU23x30	MOU23x40	MOU23x50	MOU23x60	MOU28x30	MOU28x40	MOU28x50	MOU28x60	
X travel	mm	800	1500	2000	3000	2000	3200	4200	5500	3200	4200	5500	6500	3200	4200	5500	6500	
Y travel	mm	1300				1750(2250)				2250(2750)				2750				
Z travel	mm	700				1000				1000				1000				
Width between column	mm	1380				1800				2290				2790				
Spindle nose to table surface	mm	150~850				100~1100				100~1100				100~1100				
Table size	mm	1300×850	1300×1620	1300×2100	1300×3060	1500×2000	1500×3000	1500×4000	1500×5000	2000×3000	2000×4000	2000×5000	2000×6000	2000×3000	2000×4000	2000×5000	2000×6000	
Table load	ton	1.5	4	5	7	5	7.5	10	12.5	10	13	17	20	10	13	17	20	
T slot		22×160×5	22×160×10	22×160×13	22×160×19	22×160×9				22×200×9				22×200×9				
Rapid traverse X/Y/Z	m/min	24/24/24	20/24/24	18/24/24	18/24/24	20/20/20	15/20/20		12/20/20	15/20/20		12/20/20	10/20/20	15/15/20		12/15/20	10/15/20	
Cutting feedrate X/Y/Z	m/min	20/20/20			18/20/20		10/10/10				10/10/10				10/10/10			
Driven type		Electrical				Electrical				Electrical				Electrical				
Max. Spindle speed	rpm	100~12000				100~8000				100~8000				100~8000				
Spindle motor	kW	15/18.5				26/45				26/45				26/45				
Spindle torque	N.m	95.5/167				305/623				305/623				305/623				
Spindle taper		ISO7:24 No. 40				ISO7:24 No. 50				ISO7:24 No. 50				ISO7:24 No. 50				
Ram cross section	mm	350×350				350×350				350×350				350×350				
Machine weight	t	10.5	12.5	13.5	15.5	24	30	34	39	36	41	47	52	38	43	49	54	
Machine size	cm	320×300×400	500×300×400	600×300×400	800×300×400	685×420×520	945×420×520	1185×420×520	1450×420×520	945×475×520	1185×475×520	1450×475×520	1590×475×520	975×515×520	1215×515×520	1480×515×520	1620×515×520	