



奕達精機股份有限公司

YI-DA PRECISION MACHINERY CO., LTD.

No. 41, Alley 68, Lane 357, Sec. 1, Sinan Rd., Wurih Township,

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SL-12
Unit:mm(*inch*)

ITEM		SL-12	
Work Capacity	Type	<i>Slide gang type</i>	<i>Turret type</i>
	Swing over bed	Ø330 (Ø13)	
	Swing over side	Ø136 (Ø5.4)	Ø135 (Ø5.3)
	Max. machining diameter x length	Ø135 x 150 (Ø5.3 x 5.9)	Ø128 x 130 (Ø5.0 x 5.1)
Machine Body	Slant angle of bed	45	
	Max. travel range of Z/X-axis	230 / 230 (9.1 / 9.1)	230 / 107 (9.1 / 4.2)
	Servo motor of Z/X-axis	1.4 / 1.4 kW	
	Rapid traverse rate Z/X-axis	30 / 30 m/min (1181 / 1181 ipm)	
Spindle	Diameter of spindle front bearing bore	Ø80 (Ø3.2)	
	Diameter of spindle bore/Draw bar bore	Ø45 / Ø35 (Ø1.8 / Ø1.4)	
	Spindle nose type	ASA A2-5	
	Taper of spindle bore	1/20	
	Spindle drive motor	5.5/7.5 kW (7.5/10 HP)	
	Spindle speed	STD: 6000 rpm	
	Diameter of chuck	STD: 6" hydraulic; OPT: 6" hydraulic(Kitagawa)	
	Tool capacity	6 pcs	8 pcs
	Tool shank post	16 x 16 (5/8 x 5/8)	16 x 16 (5/8 x 5/8)
	Boring diameter post	Ø25 / 2 pcs (Ø1 / 2 pcs)	Ø25 / 4 pcs (Ø1 / 4 pcs)
	Radil tool post	16 x 16 (5/8 x 5/8) / 1 pcs	-
	Axial tool post	16 x 16 (5/8 x 5/8) / 2 pcs	-
	Dual tool post	16 x 16 (5/8 x 5/8) / 1 pcs	-
	Drive Motor	Coolant motor	960 W
Hydraulic motor		745 W (1 HP)	
Chip conveyor motor		215 W (1/4HP)	
Miscellaneous	Power requirement	208-220 Volt / 50 Amps / 3 Phase	
	Height from floor to spindle	900 (35.4)	
	Height form bed to spindle center	255 (10)	
	Floor area (W x D x H)	1990 x 1885 x 1538 (78.3 x 47 x 60.5)	
	Packing size (W x D x H)	2600x2300x1820 (incl. Chip conveyor)	
	Net weight (approx.)	2250 kg (4950 lbs)	
Gross weight (approx.)	2400 kg (5280 lbs)		

Note: specifications are subject to change without prior notice.



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STANDARD ACCESSORIES

1. Fanuc Oi -Mate-TC Controller
2. Spindle Speed: 6000 rpm
3. Spindle Motor: 5.5/7.5 KW
4. 6" Hydraulic Chuck
5. 6 Sets Gang Type Tool Holder (16 x 16)
6. Coolant System
7. Leveling Bolts and Pads
8. Grease Lubrication System
9. Work Lamp
10. End of Program Light
11. Tool Kit
12. One Set of Soft Jaws
13. Operator' s Manual
14. Maintenance Manual
15. Programming Manual
16. Parts List

OPTIONS

1. FANUC Oi -TC
2. Siemens Controller
3. Mitsubishi Controller
4. 6" Hydraulic Chuck (Kitagawa)
5. One Set of Hard Jaws
6. Hydraulic Drive 8-Tool Turret
7. Taper Sleeve (MT No. 1 & MT No.2) x O.D. 25
8. Boring Bar Bushings
9. (Ø8, Ø10, Ø12, Ø16, Ø20) x O.D.25
10. Internal Turning Tool Post (16 x 16)
11. Chain Type Chip Conveyor + Chip Bucket
12. Parts Catcher
13. Collet Chuck
14. Bar Feeder
15. Bar Feeder Interface
16. Oil Mist Collector
17. Transformer
18. Automatic Lubrication System