

MACHINE SPECIFICATION

Item		A30S	A42S	A30T	A42T	A30TP	A42TP	A30TY	A42TY	Unit	
Capacity	Swing over slide	380		380		400		380		mm	
	Swing over table	160		160		200		160		mm	
	Max. bar dia	30	42	30	42	30	42	30	42	mm	
	Max. chuck dia	5"	6"	5"	6"	5"	6"	5"	6"	inch	
Spindle	Spindle type	Belt type		Belt type		Belt type		Belt type			
	Max. spindle speed	8000 rpm	6000 rpm	8000 rpm	6000rpm	8000 rpm	6000rpm	8000rpm	6000rpm	min ⁻¹	
	Motor	5.5/3.7	7.5/5.5	5.5/3.7	7.5/5.5	5.5/3.7	7.5/5.5	5.5/3.7	7.5/5.5	kw	
	Lubrication / Cooling	Grease		Grease		Grease		Grease			
Live Tool	Transmission					Gear		Gear			
	Max Speed					6000rpm		4500rpm		min ⁻¹	
	Shank size					VDI20/ER16/ER20		ER16/ER20			
	Motor					2.2		1		kw	
Tool Post	Type	Gang type		8-positionTurret		12-position power turret VDI20		8-positionTurret			
	Max. tool shank	20/Φ25		20/Φ25		16/Φ20		20/Φ25		mm	
Slide	Max traverse X, Z	400, 300		400, 250		400, 250		300,190		mm	
	Max traverse Y							165		mm	
	Rapid Traverse X, Z	30m		30m		25m		25m		min ⁻¹	
	Rapid Traverse Y							15m			
	Lubrication	Ball screw X,Z(0.2-0.3Mpa)	Oil Air		Oil Air		Oil Air		Oil Air		
		Ball screw Y	Oil		Oil		Oil		Oil		
Linear Guide		Oil		Oil		Oil		Oil			
Coolant	Motor	0.35		0.35		0.35		0.35		kw	
	High pressure Motor			0.375		0.375		0.375		kw	
	Capacity	180		180		180		180		L	
Others	Pneumatic source(0.5-0.6Mpa)	150		150		150		150		L/min	
	Power requirement	11	13	12	14	13	15	13	15	kva	
	Machine weight	2030	2100	2080	2150	2150	2220	2200	2280	kg	

STANDARD ACCESSORIES

Item		A30S	A42S	A30T	A42T	A30TP	A42TP	A30TY	A42TY	Unit	
Chucking system	Hydraulic unit	1	1	1	1	1	1	1	1	set	
	Rotary hydraulic cylinder	A42	RCS6	1	1	1	1	1	1	1	set
		A30	RC5								
	Power collet chuck	A42	CL42-A5(173E)	1	1	1	1	1	1	1	set
A30		CL30-A4(163E)									
High pressure coolant turret(20kg/cm ²)		option	option	1	1	1	1	1	1	set	
Tool system(Reference system chart)		1	1	1	1	1	1	1	1	set	
Spindle index function	Manually index	1	1	1	1					set	
	Oil pressure brake	option	option	option	option					set	
	C-axis and two stage pressure control					1	1	1	1	set	

Tools box
Coolant pump unit
LED working light
Status alarm light
Blowing system
Bar feed interface
Pick up system
Door safety switch
Auto lubrication system

OPTIONAL ACCESSORIES

Product conveyor	Energy saving hydraulic source
Power chuck	Super high pressure coolant system
Chip conveyor	All kind of chuck design
Oil mist collector	Chute auto feedsystem design
Auto bar feeder	Robot pick up system
Transformer & regulator	Vice tool Board

Controller

Fanuc OiTD, Oi-mate TD/TF
Mitsubishi E70, M70
SYNTEC

Agent



Design and specification are subject to change without prior notice.

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