

JAP

CNC LATHES
High-Precision Technology



		STS-200		STS-250				STS-350			
Working capacity											
Distance between centres	mm / in	1000/40	1500/60	1000/40	1500/60	2000/80	3000/120	1000/40	2000/80	3000/120	
Bed width	mm / in	300 / 11 ^{3/4}		350 / 13 ^{3/4}				425 / 16 ^{3/4}			
Centre height	mm / in	200 / 7 ^{3/4}		250 / 9 ^{3/4}				350 / 13 ^{3/4}			
∅ max. swing over bed	mm / in	400 / 15 ^{3/4}		500 / 19 ^{1/2}				700 / 27 ^{1/2}			
∅ max. swing over carriage	mm / in	360 / 14		450 / 17 ^{1/2}				600 / 23 ^{1/2}			
∅ max. over cross slide	mm / in	200 / 7 ^{3/4}		290 / 11 ^{1/4}				400 / 15 ^{3/4}			
Cross slide travel	mm / in	235/ 9		310 / 12				400 / 15 ^{3/4}			
Length inal carriage travel	mm / in	850	1350	850	1350	1850	2850	850	1850	2850	
Headstock											
Main motor power	Fagor		7,5			15				17	
	Fanuc	kW	11			15				15	
	Siemens		7			9				11	
Headstock main spindle bore <i>Valid for all centre distances</i>	mm / in	42 / 1 ^{1/2}		65 / 2 ^{1/2}				80 / 3	105 / 4	155 / 6	
Main spindle nose	ASA/CAM-LOCK	A2 - 5 / D1 - 5		A2 - 6 / D1 - 6				A2 - 8 / D1 - 8		A2-11 / --	
Main spindle nose taper	MT	4		5				5		5	
Speed ranges	r.p.m.	0-4000		0-3000				0-2500	0-2500	0-1000	
X-axis, Z-axis											
Working feeds Z	Fagor	m/min	0 - 10		0 - 10				0 - 10		
	Fanuc	m/min	0 - 11		0 - 6.5				0 - 6.5		
	Siemens	m/min	0 - 10		0 - 10				0 - 10		
Working feeds X	Fagor	m/min	0 - 12		0 - 12				0 - 12		
	Fanuc	m/min	0 - 8.5		0 - 8.5				0 - 8.5		
	Siemens	m/min	0 - 12		0 - 12				0 - 12		
Rapid traverse Z	Fagor	m/min	12,5		12,5				12,5		
	Fanuc	m/min	12,5		8				8		
	Siemens	m/min	12,5		12,5				12,5		
Rapid traverse X	Fagor	m/min	15		15				15		
	Fanuc	m/min	11		11				11		
	Siemens	m/min	15		15				15		
Z - Ball screw, ∅/pitch	mm			40 / 10							
X - Ball screw, ∅/pitch	mm			20 / 5							
Tailstock											
Tailstock barrel ∅	mm / in	68 / 2 ^{1/2}		95 / 3 ^{3/4}				106 / 4			
Tailstock barrel travel	mm / in	200 / 7 ^{3/4}		220 / 8 ^{1/2}				225 / 8 ^{3/4}			
Tailstock Morse taper	MT	4		5				6			
Turret											
Stations of standard turret		8		8							
Tool shank	mm	25x25		25x25							
∅ Boring bar	mm	32		40							
Dimensions and Weight											
Length	mm	2810	3300	2800	3325	3940	4750	3290	4290	5290	
Width	mm	1260		1350		1700		2170			
Height	mm	1890		1810		2110		2090			
Weight	kg	1400	1680	2250	2475	2970	3640	5460	5760	6560	
Options											
Fixed steady rest ∅	mm	10 - 140		10 - 180				90 - 300			
Large capacity fixed steady rest ∅	mm	140 - 250		180 - 400				300 - 530			
Mobile Steady Rest ∅	mm	10 - 90		10 - 130				0 - 290			
Dimensions and Weight with packaging											
Length	mm	3010	3500	3000	3525	4140	4950	3490	4490	5490	
Width	mm	1360		1450		1800		2270			
Height	mm	2090		2010		2310		2290			
Weight	kg	1700	1980	2650	2875	3370	4040	5860	6160	6960	