

## 1.4 Specification

Item		Unit	150LMA	210LMA	150LSA	210LSA	150LMSA	210LMSA	
Capacity	Swing over bed		φ550(21.6)						
	Max, machining dia.		φ255(10)		φ350(13.8)		φ255(10)		
	Chuck size	Main	mm(in)	φ165(6)	φ210(8) φ254(10)	φ165(6)	φ210(8) φ254(10)	φ165(6)	φ210(8) φ254(10)
		Sub		-		φ135(13.8)			
	Swing over cross slide	φ350(13.8)							
	Max. turning length	530(20.8)							
	Bar capacity			φ38(1.5)	φ51(2)	φ38(1.5)	φ51(2)	φ38(1.5)	φ51(2)
		φ43(1.7)		φ65(2.6)	φ43(1.7)	φ65(2.6)	φ43(1.7)	φ65(2.6)	
Spindle	Speed	Main		rpm	5000 6000	4000	5000 6000	4000	5000 6000
		Sub	6000						
	Out Dia. (BRG. ID.)	Main	mm(in)	φ80(3.1)	φ100(3.9) φ110(4.3)	φ80(3.1)	φ100(3.9) φ110(4.3)	φ80(3.1)	φ80(3.1) φ110(4.3)
		Sub	FLAT	-		φ60(2.4)			
	Nose	Main	ASA	A2-5	A2-6 A2-8	A2-5	A2-6 A2-8	A2-5	A2-6 A2-8
		Sub	FLAT	φ110					
Turret	No. of Tools	st	12						
	Tools dimension	mm(in)	□25/φ32 (1)/(1¼)	□25/φ40 (1)/(1½)	□25/φ32 (1)/(1¼)	□25/φ40 (1)/(1½)	□25/φ32 (1)/(1¼)	□25/φ40 (1)/(1½)	
	Indexing time (1 step/full)	sec	0.3/0.6		0.2/0.4		0.3/0.6		
	Mechanism		SERVO						
	Rotating Speed	rpm	4000		-		4000		
	Drill/Tap size	mm(in)	φ20[M16] (3/4[5/8])				φ20[M16] (3/4[5/8])		

Item			Unit	150LMA	210LMA	150LSA	210LSA	150LMSA	210LMSA	
Feed	Rapid travel	X	m/min	36(1417)						
		Z		36(1417)						
		B	(ipm)	-		30(1181)				
		C		min-1		100		-		100
	Travels	X	mm(in)	200(8.7)		210(8.2)		220(8.7)		
		Z		550(21.6)						
		B		-		750(29.5)				
		C		deg		360°		360°		
Tail Stock	Spindle Taper			MT4		-				
	Travels		mm(in)	500(19.7)		-				
	Thrust		kgf(lbs)	450(990)		-				
	Travel Type			Auto position		-				
Motor	Spindle	Main	Kw (HP)	11/7.5 (15/10)	15/11 (20/15)	11/7.5 (15/10)	15/11 (20/15)	11/7.5 (15/10)	15/11 (20/15)	
		Sub		3.7/2.2(5/3)						
	Feed	X		3(4)						
		Z		3(4)						
		B		-		1.6(2.1)				
Electric Power Supply			kVA	25	30	25	30	30	30	
Weight			kg(lbs)	4700	5000	4300			5300	
Controller				FANUC 32i						

: Big Bore type