

1-1 SPECIFICATIONS

Item	Descriptions		
	EX-106	EX-108	EX-110
A-0	Capacity		
A-1	Maximum swing		
A-2	188mm	216mm	287mm
A-3	240mm	320mm	400mm
A-4	Maximum turning length		
B-0	Travel		
B-1	140mm	180mm	220mm
B-2	350mm	530mm	710mm
C-0	Spindle		
C-1	5000mm ⁻¹	4000mm ⁻¹	3500/1050mm ⁻¹
C-2	Number of spindle speed range		
	1	1	2
C-3	140mm	JIS A2-6	JIS A2-8
C-4	----	75mm 1/20 taper	90mm 1/20 taper
C-5	80mm	100mm	120mm
C-6	56mm	63mm	86mm
D-0	Tool slide		
D-1	12 STA. TURRET	12 STA. TURRET	10 STA. TURRET
D-2	Number of tools on tool slide		
	12	12	10
D-3	Square shank height of single point tools		
	20mm	25mm	25mm
D-4	Shank diameter of boring bars		
	32mm	40mm	50mm
E-0	Rapid traverse rate		
E-1	X:24000mm/min (Automatic) Z:32000mm/min (Automatic)	X:20000mm/min (Automatic) Z:24000mm/min (Automatic)	X:16000mm/min (Automatic) Z:20000mm/min (Automatic)
E-2	Feed per revolution		
	X:0.001-500mm/rev Z:0.001-500mm/rev	X:0.001-500mm/rev Z:0.001-500mm/rev	X:0.001-500mm/rev Z:0.001-500mm/rev

	Item	Descriptions		EX-110
		EX-106	EX-108	
F-0	Tailstock			580mm
F-1	Tailstock travel	290mm	435mm	110mm
F-2	Tailstock spindle diameter	75mm	90mm	
F-3	Taper hole of tailstock spindle	MT No.4	MT No.5	MT No.5
F-4	Tailstock spindle travel	100mm	120mm	150mm
G-0	Motors			15/18.5kw (α 15)
G-1	Spindle drive motor	5.5/7.5kw (α 6)	11/7.5kw (α 8)	X:1.0kw(α 6/2000)
G-2	Feed motors	X:0.6kw(α C6/2000) Z:2.1kw(α 12/2000)	X:0.6kw(α C6/2000) Z:2.1kw(α 12/2000)	Z:3.8kw(α 22/2000)
G-3	Hydraulic pump motor	1.5kw	1.5kw	1.5kw
G-4	Coolant pump motor	0.4kw	0.4kw	0.4kw
H-0	Tank capacity			
H-1	Hydraulic oil tank capacity	40L	40L	40L
H-2	Coolant tank capacity	200L	200L	200L
I-0	Machine size			
I-1	Machine height	1720mm	1770mm	1815mm
I-1	Floor space	1950mmX1535mm	2240mmX1645mm	2700mmX1755mm
I-1	Mass of Machine with numerical control	kg	4300kg	kg