CNC FACING LATHE SERIES

FBN-60B / FBN-80B SERIES TECHNICAL SPECIFICATIONS

FBN SERIES
Max Cutting OD: 1500 / 2000 mm

SPECIFICATION / ITEM	UNIT	FBN-60B	FBN-80B
CAPACITY			
Max cutting OD	mm	1500	2000
Max workpiece length	mm	700	
Bed width	mm	820	1200
Cross slide width	mm	450	
HEADSTOCK & MAIN SPINDLE			
Spindle bore / nose	mm	155 / A2-11	
Spindle taper	-	MT #7	
Spindle speed range	rpm	4 - 600	4 - 400
Spindle speed steps	-	4	
Main motor	kW	30 / *37	
Change speed motor	W	60 × 2	
CROSS SLIDE (X-AXIS) & CARRIAGE (Z-AXIS)			
Cross slide travel (X-axis)	mm (inch)	800	1200
Longitudinal travel (Z-axis)	mm (inch)	700	
Controller	-	FANUC 0i-TF3	SIEMENS 828D
AC servo motor (X-axis)	kW	β12/3000i (1.8 kW)	3.3 kW
AC servo motor (Z-axis)	kW	β22/3000i (3 kW)	4.4 kW
Dia. of ball screw (X-axis)	mm	$\phi 40 \times P5 \times C3$	
Dia. of ball screw (Z-axis)	mm	$\phi 50 \times P10 \times C5$	
Rapid traverse speed (X-axis)	mm/min	6000	
Rapid traverse speed (Z-axis)	mm/min	8000	
TURRET / TOOLPOST			
Tool station	-	*Quick change toolpost (manual) / *Horizontal type 4T	
Tool shank	mm	32	
WEIGHT & DIMENSIONS			
Net / Gross weight	kgs (lbs)	5000 / 11000	
Floor size (L × W × H)	mm	3300 × 2200 × 2500	

Note & Optional Configurations:

- Design and specifications are subject to change without prior notice.

- The asterisk (*) sign in the spec list indicates that the item is an optional choice.
- **Main motor options:** *40 HP Taiwan made motor + 40 HP inverter / *50 HP Taiwan made motor + 50 HP inverter.