



PL 80

High-performance Large Machining Capacity Turning Center



The strongest power and the highest accuracy in its class, by optimized design.

Major Specifications

[] : Option

DESCRIPTION		PL 80	PL 80L	PL 80C	PL 80CL
Swing over the bed	mm	1,030	1,030	1,030	1,030
Max. machining diameter × length(*)	mm	900 × 1,000	900 × 3,200	900 × 1,000	900 × 3,200
Max. machining bar size	mm	∅ 320	∅ 320	∅ 375	∅ 375
Chuck size	inch	[32]	[32]	[32]	[32]
Spindle speed	rpm	370	370	370	370
Spindle nose	ASA	A1-20	A1-20	A1-20	A1-20
Spindle motor(cont./30min)	kW	37/45	37/45	37/45	37/45
Rapid traverse (X/Z)	m/min	12/18	12/10	12/18	12/10
Axis travel (X/Z)	mm	470/1,050	470/3,270	470/1,050	470/3,270
Number of tool positions	ea	12	12	12/BMT85	12/BMT85
Shank size for square tool	mm	32 × 32	32 × 32	32 × 32	32 × 32
Shank size for boring bar	mm	80	80	80	80
Tailstock travel	mm	150	150	150	150
Machine weight	kgf	18,000	23,500	18,000	23,500
Required floor space (L × W)	mm	5,098 × 2,564	7,400 × 2,760	5,098 × 2,564	7,400 × 2,760
Controller		Fanuc Oi-TD			

(*) : 1000, 2000, 3200, 5000 Possible