



PL 35

The Special Design that Achieve High Rigidity



Radiator fan-like pin tube rib design dissipates heat generated by axis movements, maintaining minimal thermal expansion. Low vibration & high rigidity are maintained by separation the spindle motor & gear box from spindle.

Major Specifications

() : Big Bore [] : Option

DESCRIPTION		PL 35	PL 35L	PL 35M	PL 35LM
Swing over the bed	mm	600	600	680	680
Max. machining diameter × length	mm	420 × 780	420 × 1,530	500 × 750	500 × 1,500
Max. machining bar size	mm	91 (117.5)	91 (117.5)	91 (117.5)	91 (117.5)
Chuck size	inch	12 [15]	12 [15]	12 [15]	12 [15]
Spindle speed	rpm	2,500 (2,000)	2,500 (2,000)	2,500 (2,000)	2,500 (2,000)
Spindle nose	ASA	A2-8 (A2-11)	A2-8 (A2-11)	A2-8 (A2-11)	A2-8 (A2-11)
Spindle motor(cont./30min)	kW	18.5/22	18.5/22	18.5/22	18.5/22
Rapid traverse (X/Z)	m/min	12/15	12/15	20/24	20/24
Axis travel (X/Z)	mm	240/855	240/1,605	280/825	280/1,575
Number of tool positions	ea	10 [12]	10 [12]	12/BMT65	12/BMT65
Shank size for square tool	mm	25 × 25	25 × 25	25 × 25	25 × 25
Shank size for boring bar	mm	50	50	50	50
Tailstock travel	mm	120	120	120	120
Machine weight	kgf	8,000	9,000	8,300	9,300
Required floor space (L × W)	mm	3,885 × 1,847	4,990 × 1,847	3,885 × 1,897	4,990 × 1,897
Controller		Fanuc Oi-TD			