



# Daewoo Make Turn Mill Center

**MODEL :- PUMA 230M , YOM :- 2002**



Title	Description	Unit	Puma 230M
<b>Capacity</b>	Swing over bed	mm	510
	Swing over Saddle	mm	330
	Recom. Machining Dia	mm	255
	Max. Machining Dia.	mm	350
	Max. Work Length	mm	548
	Draw Tube dia	mm	77
<b>Travels</b>	X Axis	mm	242
	Z Axis	mm	580
<b>Spindle</b>	Chuck Dia.	mm	255
	Speed Range	rpm	3500
	Spindle power	Kw	15/18.5
	Spindle nose	ASA A2#	A2-8
	Spindle Bore dia	mm	90
	Bearing Bore Dia.	mm	130
<b>Turret</b>	No. of stations	num	12
	OD Tool Height	mm	25
	Maximum boring bar dia.	mm	40
	Indexing time	Sec	0.1
<b>Tailstock</b>	Quill dia	mm	73.66
	Quill stroke	mm	80
	Taper	mm	MT-4
<b>CNC system</b>	Controller	-	Fanuc 18i-T
<b>Feedrates</b>	Rapid Traverse X / Z	mm/min	X:20,000 / Z:25,000
<b>Machine size</b>	Dimension (L-W-H)	mm	1753 x 3048 x 1829
	Machine weight (Approx)	kg	4240

## Tech Center

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## ❖ Optional Accessories Available with Machine

- Spindle motor 15/18.5kw.
- A2-8 Spindle with Bore 90mm.
- Chip Conveyor.
- Transformer.
- Tool Probe. (Arm Type).
- 12 Std Live turret (3.7kw Power).
- 1 No. Radial Live Tool.
- 1 No. Axial Live Tool.
- 250mm samchully Korean Chuck.