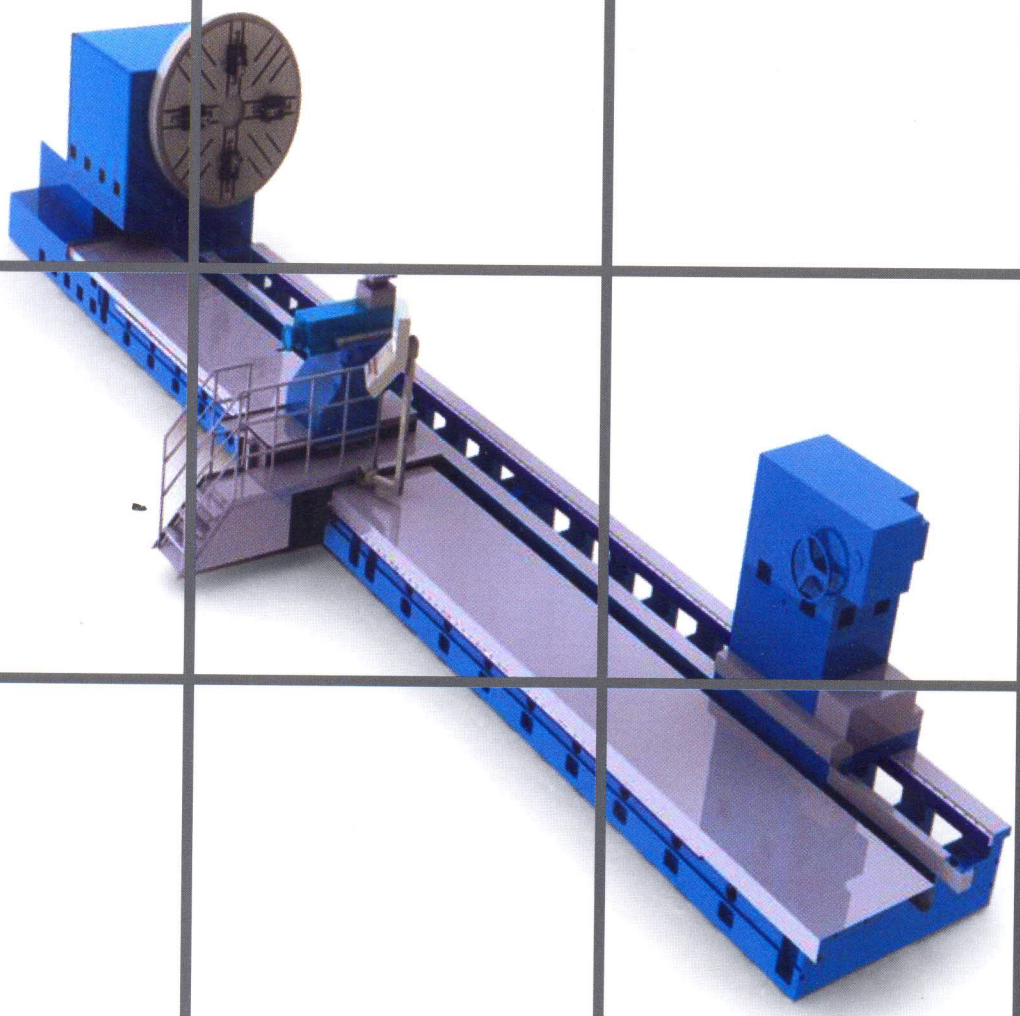
CNC HEAVY DUTY ROLL TURNING LATHES PRT SERIES



STRENGTH
PRECISION
RELIABILITY

PRASAD NC MACHINE SYSTEMS (P) LTD.,

CNC HEAVY DUTY ROLL TURNING LATHES

The machine is built with all geared head stock, with 4 guide way bed, tail stock, saddle & CNC System Package.

The machine is offered with a manual indexing square tool post for tool shank of 70 mm and the tail stock with a loading capacity of 25 to 100 Tons between centers. Additional roller steadys are also offered which can support the rolls over its entire length without interfering the saddle movement.

SPECIFICATION FOR CNC HEAVY DUTY ROLL TURNING LATHES

	PRT 1600	PRT 2000	PRT 2500
Swing over bed	2200	2500	3100
Swing over carriage	1600	2000	2500
Distance between Centres	5000-15000	5000-15000	5000-15000
Width of bed guide ways	2500	2500	2500
No of guide ways	4	4	4
Dia of 4 Jaw chuck	1600	2000	2500
Speed range of Head stock	1-150	1-100	1-100
No of speeds	INF.VARIABLES IN FOUR STEPS		
Power of Spindle motor	55 KW	71 KW	100 KW
Dia of tail stock quill	320 mm	400 mm	450 mm
Travel of tail stock quill	250 mm	250 mm	250 mm
Maximum weight between head stock and tail stock	25 Ton	50 Ton	100 Ton
Tail stock travels	MOTORISED		
Locking of tail stock	HYDRAULIC		
CNC System	SIEMENS / FANUC		
Power of Axis motors	50 NM	50 NM	75 NM
Linear Scales for X & Z axis	HEIDENHAIN		
Method of axis travel Z axis	HARDENED GROUND RACK - DOUBLE PINION GEAR BOX		
Method of axis travel X axis	BALL SCREWS		
Method of Tail Stock movement	MOTORISED THROUGH RACK AND PINION		
Method of Tail Stock locking	HYDRAULIC ON GUIDE WAYS AND ON RACK		

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