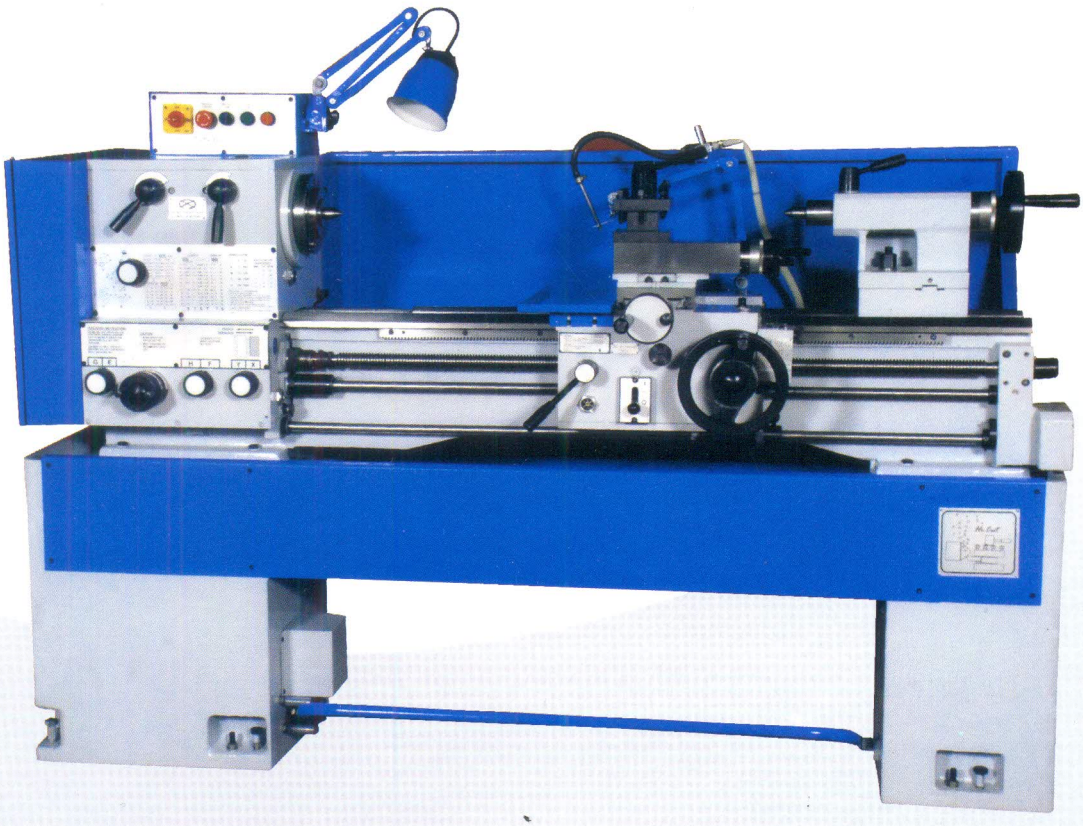
Hi-Cut Series

P350HC & P400HC

- Spindle mounted on taper rollers bearings.
- Bed design with interior pyramid ribs and flame hardening for both flat and V-way.
- Head stock material is 20Mn Cr5. Which is heat treated and ground.
- Splash lubricated universal gear box for feed.
- Fully enclosed Apron with oil sump for lubrication and a slipping clutch is provided for over load protection.
- The cross slide has wide seating on the saddle for rigidity and long life.

Extra Precision



ACCESSORIES SHOWN IN THE PHOTOGRAPHS ARE NOT NECESSARILY PART OF STANDARD EQUIPMENT

Precitum

PRECISION LATHE MACHINES

Description	P350HC	P400HC
Capacity (mm)		
Height of the Centres	175	200
Swing over bed	350	400
Swing over cross slide	200	250
Swing in Gap *	500	550
Distance in front of face plate in Gap*	125	125
Diameter of face Plate in Gap*	500	500
Distance between Centres (mm)	800/1000	1000/1500
Tool & Top Slide (mm)		
Cross Slide Travel	185	185
Cross Slide Resolution	0.02	0.02
Travel Top Slide	100	100
Tool Shank Section	20x20	25x25
Tool Slide Resolution	0.02	0.02
Bed		
Bed Type	2V, 2 flat	2V, 2 flat
Bed Width (mm)	244	244
Bed Length (mm)	1650/1850	1650/ 1850/ 2350
Main Spindle		
Spindle Nose	A2-4	A2-6
Spindle Taper Bore	Metric 45	Metric 60
Taper Bore in Centre Sleeve	MT 3	MT 3
Spindle Bore (mm)	40	55
Tail Stock		
Quill Diameter (mm)	50	50
Taper Bore in Spindle	MT3	MT3
Quill Travel (mm)	140	140
Lead Screw (mm)		
Lead Screw Diameter	30	30
Pitch	6.0	6.0

* Gap Bed Model only

Description		P350HC	P400HC
Speeds (Nos/RPM)			
No. of Speeds		8	8
Range		71-1800	71-1600
Feeds			
No. of Longitudinal Feeds (Nos)		24	24
Range of Feeds (mm/min)		0.045 to 0.063	0.045 to 0.063
No. of Transverse Feeds		24	24
Range of Feeds (mm/min)		0.015 to 0.21	0.015 to
Threads (Nos/Range)			
No. of metric threads (mm)		24/0.5-7	24/0.5-7
No. of inch threads (TPI)		24/56-4	24/56-4
Maximum Weight of Work piece held between Chuck and Tail Stock Centre			
Dead centre		185 kg	185 kg
Live Centre		150 kg	150 kg
Electrical			
Main Motor		2.2 Kw	3.71 Kw
Coolant Tank Capacity		25 ltrs	25 ltrs
Weight (Kg)			
ABC 800		950	
ABC 1000		1100 kg	1150
ABC 1500			1500 kg
Floor Space (mm)			
LxB	800 ABC	2000 x 850	
	1000 ABC	2200 x 850	2200x850
	1500 ABC		2700x850

Standard Accessories

- Dead Centre with Centre Sleeve
- Dead Centre for Tailstock
- Tool Kit
- Coolant equipment with fittings
- Thread Dial indicator
- Oil Gun
- Square Tool Post
- Dog Plate
- Rear Splash Guard

Optional Accessories

- Face plate
- Adapter plate for Chuck
- 160mm(6") x 3 Jaw Self Centring Chuck CI / Steel with back plate.
- 200mm(8") x 3 Jaw Self Centring Chuck CI / Steel with back plate
- 200mm(8") x 4 Jaw independent chuck CI with back plate duly
- Revolving Centre MT3 Shank
- Steady Rest
- Follow Rest
- Single Dead Stop for Carriage
- Micrometer Carriage Stop
- 5 Position Carriage Stop
- Rear Tool Post
- Two Side Quick Change Tool Post in lieu of Sq.Tool Post
- Chuck Guard
- Cam Lock D1-4 Spindle Nose in lieu of A2-4
- Collets Chuck C - 40mm and fittings
- Collets (from 4 to 40mm)
- Telescopic Taper Turning Attachment
- Pick Off Gears for Module Thread
- Any Special Colour on request

06-2015

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