



Chester Heavy Duty CNC Lathe • HD Series



Standard Accessories:

- ✓ 380mm 3 Jaw Chuck
- ✓ Siemens/Fanuc Controller
- ✓ Chuck Guard
- ✓ Automatic Lubrication System
- ✓ Coolant System
- ✓ Lamp
- ✓ 4-Way Tool post & Rear Tool post
- ✓ Centres & Centres Sleeve
- ✓ Tools & Tool Box
- ✓ Operation Manual

Optional Accessories:

- 4-Jaw Chuck
- 20hp Fagor AC Servo Motor
- 25hp Fagor AC Servo Motor
- Steady Rest (ø70-370mm)
- Follow Rest for 660
- 4-Way Electric Tool Post
- 20hp Motor

Model	HD660	HD770	HD770B
Swing Over Bed	660mm	770mm	770mm
Swing Over Cross Slide	360mm	470mm	470mm
Centre Height	330mm	385mm	385mm
Distance Between Centres	1500mm/2000mm/3000mm	1500mm/2000mm/3000mm	1500mm/2000mm/3000mm
Width of Bed	480mm	480mm	480mm
Spindle Speeds-4 Steps	H1:541-1200rpm	H1:541-1200rpm	H1:387-860rpm
	H2:166-540rpm	H2:166-540rpm	H2:119-386rpm
	L1:76-165rpm	L1:76-165rpm	L1:76-165rpm
	L2:25-75rpm	L2:25-75rpm	L2:25-75rpm
Spindle Nose	A111 D111	A111 D111	A211
Spindle Bore	104mm	104mm	155mm
Chuck Size	15mm	15mm	15mm
Longitudinal Working Stroke-Z Axis	1500mm/2000mm/3000mm	1500mm/2000mm/3000mm	1500mm/2000mm/3000mm
Cross Slide Working Stroke-X axis	400mm	400mm	400mm
Topslide Width	140mm	140mm	140mm
Size of Tool post Shank	32X32mm	32X32mm	32X32mm
Tail stock Diameter	ø105mm	ø105mm	ø105mm
Tail stock Travel	150mm	150mm	150mm
Tail stock Taper	MT5/MT6	MT5/MT6	MT6
Spindle Motor	11.25kw(15hp)	11.25kw(15hp)	11.25kw(15hp)
Drives (X,Y)	AC Servo	AC Servo	AC Servo
Rapid Traverse X/Z	5/10 m/min	5/10 m/min	5/10 m/min
Range of Feeds in Manual Mode	0.01-500mm/rev	0.01-500mm/rev	0.01-500mm/rev
Coolant Pump Motor	0.19kw(0.25hp)	0.19kw(0.25hp)	0.19kw(0.25hp)
Machine Weight	5000/5500k/6000kgs	5200/5700/6700kgs	5400/5900/6900kgs
Machine Dimensions	3985X2240X2220mm	3985x2240x2220mm	3985X2240X2220mm
	4485X2240X2220mm	4485x2240x2220mm	4485X2240X2220mm
	5485X2240X2220mm	5485x2240x2220mm	5485X2240X2220mm

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.

