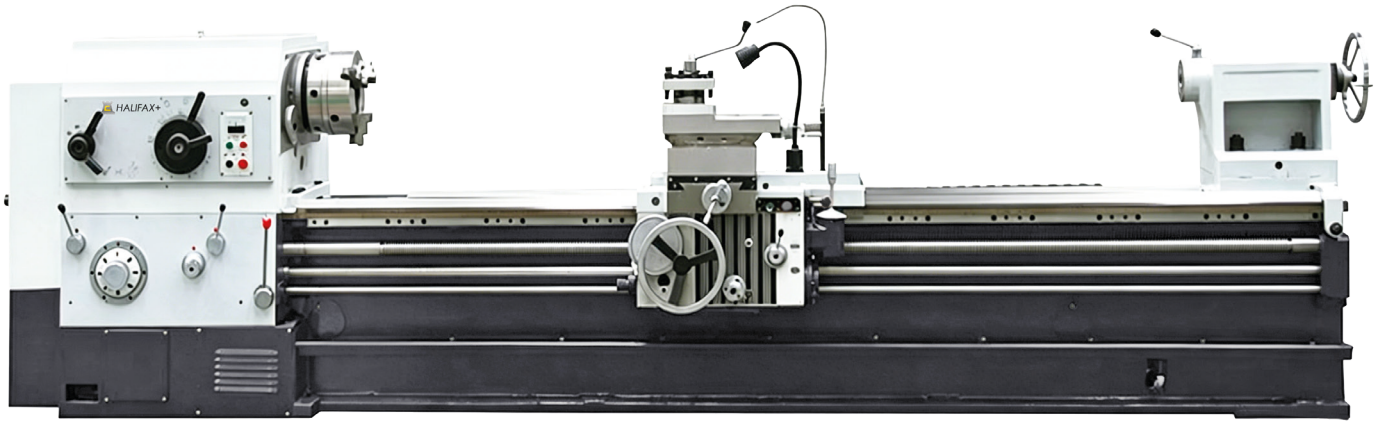
HALIFAX+

Features:
- Rapid Feed
- Clutch
- Heavy Duty Construction
- Hardened and Ground Guideways



Model	HALIFAX+ 630-I	HALIFAX+ 800-I	HALIFAX+ 1000-I
Centre Height	315mm	400mm	500mm
Swing over Bed	630mm	800mm	1000mm
Distance Between Centres	1000/1500/2000/3000/4000/5000/6000/7000/8000/9000/10000/11000/12000mm		
Swing over Cross Slide	350mm	480mm	680mm
Swing in Gap	800mm	1000mm	1200mm
Gap Length in front of Face Plate	300mm	300mm	300mm
Cross Slide Travel	320mm	420mm	520mm
Top Slide Travel	200mm	200mm	200mm
Bed			
Width	550mm	600mm	600mm
Max. Weight of Work Piece between centres	3t	4t	4t
Headstock			
Spindle Nose	D-11	D-11	D-11
Spindle Bore	105mm (Opt. 130mm)	105mm (Opt. 130mm)	105mm (Opt. 130mm)
Spindle Taper	120mm (Opt. 140mm for 130mm Spindle Bore)	120mm, (Opt. 140mm for 130mm Spindle Bore)	120mm, (Opt. 140mm for 130mm Spindle Bore)
Number of Spindle Speeds	Forward 18 steps	Forward 18 steps	Forward 18 steps
Range of Spindle Speeds	7.5-1000rpm	6-800rpm	6-800rpm
Tool Section	30 x 30mm	32 x 32mm	32 x 32mm
Tailstock			
Quill Diameter	100mm	120mm	120mm
Quill Travel	250mm	250mm	250mm
Quill Internal Taper	MT6	MT6	MT6
Feeds Range and Gearbox			
Longitudinal Feeds	0.1-24.3mm/r	0.1-24.3mm/r	0.1-24.3mm/r
Cross Feeds	0.05-12.15mm/r	0.05-12.15mm/r	0.05-12.15mm/r
Metric Threads	1-240mm (50steps)	1-240mm (50steps)	1-240mm (50steps)
Imperial Threads	1-14tpi (26steps)	1-14tpi (26steps)	1-14tpi (26steps)
Module Threads	0.3-120mp (53steps)	0.3-120mp (53steps)	0.3-120mp (53steps)
Diametrical Threads	1-28dp (24steps)	1-28dp (24steps)	1-28dp (24steps)
Leadscrew Pitch	12mm	12mm	12mm
Rapid Feed: Longitudinal/Cross	4000mm/min, 2000mm/min	4000mm/min, 2000mm/min	4000mm/min, 2000mm/min
Motors			
Main Motor	11kW (14.75hp)	15kW (20.1hp)	15kW (20.1hp)
Coolant Pump Motor	0.125kW (0.17hp)	0.125kW (0.17hp)	0.125kW (0.17hp)
Rapid Feed Motor	1.1kW (1.48hp)	1.1kW (1.48hp)	1.1kW (1.48hp)
Available Power Supply	3 Phase	3 Phase	3 Phase
Weight and Dimensions			
Machine Dimensions (3m machine)	3300/3800/4300/5300/6300/7300/8300/9300/10300/11300/12300/13300/14300 x 1450 x 1540mm	3500/4000/4500/5500/6500/7500/8500/9500/10500/11500/12500/13500/14500 x 1550 x 1650mm	3500/4000/4500/5500/6500/7500/8500/9500/10500/11500/12500/13500/14500 x 1750 x 1750mm
Net Weight (3m machine)	3500/3800/4200/4900/5600/6300/7000/7700/8400/9100/9800/10500/11200 kg	4700/5000/5400/6100/6800/7500/8200/8900/9600/10300/11000/11700/12400kg	5000/5300/5700/6400/7100/7800/8500/9200/9900/10600/11300/12000/12700kg

Standard Accessories:
- 3 Jaw Chuck 325mm (630), 400mm (800 & 1000)
- 4 Jaw Chuck 400mm (630 & 800), 500mm (1000)
- Digital Read Out
- LED Machine Lamp
- Cast Iron Base
- Chuck Guard
- Toolpost Guard
- Leadscrew Guard
- Top Slide Feed
- Fixed Steady, 50-230mm (630), 100-300mm (800 & 1000)
- Traveling Steady, 30-100mm
- Full Length Rear Splash Guard
- Splash Guard behind Carriage
- Coolant System
- Four Way Tool Post
- Reducing Sleeve
- Steel Centre
- Tool Box
- Operation Manual

Optional Accessories:
- 130mm Spindle Bore
- 3 Jaw Chuck 400mm (630)
- 3 Jaw Chuck 500mm
- 4 Jaw Chuck 630mm (Except 630)
- 4 Jaw Independent Chuck 800mm (1000 only)
- Fixed Steady, 100-300mm (630 only)
- Fixed Steady, 200-400mm
- Quick Change Tool Post & Tool Holders
- Taper Turning Attachment
- Live Centre
- Face Plate
- 15kW Main Motor for 630 model

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