



Features:

- Rapid Feed
- Clutch
- Hardened and Ground Bedways
- 10T capacity

Standard Accessories:

- 4 Jaw Chuck 1250mm
- Digital Read Out
- LED Machine Lamp
- Cast Iron Base
- Chuck Guard
- Toolpost Guard
- Fixed Steady
- Motorised Tailstock
- Splash Guard behind Carriage
- Coolant System
- Four Way Tool Post
- Reducing Sleeve
- Steel Centre
- Tool Box
- Operational Manual

Optional Accessories:

- Gap Bed
- Taper Turning Attachment
- Traveling Steady
- Larger Fixed Steady

Model	STIRLING HD 1280	STIRLING HD 1480	STIRLING HD 1680	STIRLING HD 1980	STIRLING HD 2080
Centre Height	640mm	740mm	840mm	990mm	1040mm
Swing over Bed	1280mm	1480mm	1680mm	1980mm	2080mm
Distance between Centres	2000/3000/4000/5000/6000/8000/10000/12000mm				
Swing over Cross Slide	800mm	1000mm	1200mm	1500mm	1600mm
Swing in Gap (optional)	1580mm	1780mm	1980mm	2280mm	2380mm
Gap Length in front of Face Plate (optional)	450mm	450mm	450mm	450mm	450mm
Cross Slide Travel	780mm	780mm	780mm	780mm	780mm
Top Slide Travel	280mm	280mm	280mm	280mm	280mm
Bed					
Width	1100mm	1100mm	1100mm	1100mm	1100mm
Max. Weight of Work Piece in Chuck	2000kg	2000kg	2000kg	2000kg	2000kg
Max. Weight of Work Piece between centres	10T (Optional 20T or higher)	10T (Optional 20T or higher)	10T (Optional 20T or higher)	10T (Optional 20T or higher)	10T (Optional 20T or higher)
Headstock					
Spindle Nose	A2-15	A2-15	A2-15	A2-15	A2-15
Spindle Bore	130mm	130mm	130mm	130mm	130mm
Spindle Taper	Metric140	Metric140	Metric140	Metric140	Metric140
Number of Spindle Speeds	Forward 21 steps Reverse 12 steps	Forward 21 steps Reverse 12 steps	Forward 21 steps Reverse 12 steps	Forward 21 steps Reverse 12 steps	Forward 21 steps Reverse 12 steps
Range of Spindle Speeds	3.15-315r/min	2.5-250r/min (opt. 3.15-315r/min)	2.5-250r/min (opt. 3.15-315r/min)	2.5-250r/min (opt. 3.15-315r/min)	2.5-250r/min (opt. 3.15-315r/min)
Tool Section	45 x 45mm	45 x 45mm	45 x 45mm	45 x 45mm	45 x 45mm
Tailstock					
Quill Diameter	260mm	260mm	260mm	260mm	260mm
Quill Travel	300mm	300mm	300mm	300mm	300mm
Quill Internal Taper	Metric80	Metric80	Metric80	Metric80	Metric80
Feeds Range and Gearbox					
Longitudinal Feeds	0.1-12mm (56 steps)	0.1-12mm (56 steps)	0.1-12mm (56 steps)	0.1-12mm (56 steps)	0.1-12mm (56 steps)
Cross Feeds	0.05-6mm (56 steps)	0.05-6mm (56 steps)	0.05-6mm (56 steps)	0.05-6mm (56 steps)	0.05-6mm (56 steps)
Metric Threads	1-120mm (44 steps)	1-120mm (44 steps)	1-120mm (44 steps)	1-120mm (44 steps)	1-120mm (44 steps)
Imperial Threads	1/4-24tpi (31 steps)	1/4-24tpi (31 steps)	1/4-24tpi (31 steps)	1/4-24tpi (31 steps)	1/4-24tpi (31 steps)
Module Threads	0.5-60mp (45 steps)	0.5-60mp (45 steps)	0.5-60mp (45 steps)	0.5-60mp (45 steps)	0.5-60mp (45 steps)
Diametrical Threads	1/2-56dpi (38 steps)	1/2-56dpi (38 steps)	1/2-56dpi (38 steps)	1/2-56dpi (38 steps)	1/2-56dpi (38 steps)
Leadscrew Pitch	12mm	12mm	12mm	12mm	12mm
Rapid feed: Longitudinal/Cross	3400mm/min, 1700mm/min	3400mm/min, 1700mm/min	3400mm/min, 1700mm/min	3400mm/min, 1700mm/min	3400mm/min, 1700mm/min
Motors					
Main Motor	30kW (40hp)	30kW (40hp)	30kW (40hp)	30kW (40hp)	30kW (40hp)
Coolant Pump Motor	0.45kW (0.60hp)	0.45kW (0.60hp)	0.45kW (0.60hp)	0.45kW (0.60hp)	0.45kW (0.60hp)
Rapid Feed Motor	1.5kW (2.0hp)	1.5kW (2.0hp)	1.5kW (2.0hp)	1.5kW (2.0hp)	1.5kW (2.0hp)
Tailstock Motor	1.5kW (2.0hp)	1.5kW (2.0hp)	1.5kW (2.0hp)	1.5kW (2.0hp)	1.5kW (2.0hp)
Available Power Supply	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
Weight and Dimensions					
Machine Dimensions (3m machine)	6280 x 2200 x 2350mm	6280 x 2200 x 2450mm	6280 x 2200 x 2550mm	6280 x 2200 x 2700mm	6280 x 2200 x 2750mm
Net Weight (3m machine)	18200kg	18800kg	19400kg	20000kg	20600kg

* 20T or higher available upon request
 * The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.