



Machine Tools

## NEW Powercentre 1440NC

Lathe - CNC Electronic

**£22,500**

Stock No. 2015607142N

### Machine Specifications

Turning Diameter (mm)	350mm / 14"
Turning Length (mm)	1000mm / 40"
Toolpost	4 way Electronic Indexing
Control Type	Siemens 808D
Number Of Controlled Axis	2
Spindle Bore (mm)	38mm
Main Drive Power (KW/V/Hz)	5hp
Tailstock	Manual
Chucking Diameter (mm)	6" 3 jaw
Spindle Turning Speed Range	30-2000rpm
Feeds	6m/min
Tailstock	MT3



#### SPECIFICATION

MODEL	1440 NC	1740 NC	1760 NC	1780 NC	2040 NC	2060 NC	2080 NC
<b>NOMINAL SIZE</b>							
Swing Over Bed	356 mm 14"	440 mm 17-5/16"			510 mm 20"		
Height of Center	178 mm 7"	220 mm 8-5/8"			255 mm 10"		
Swing Over Cross Slide	178 mm 6-7/8"	235 mm 9-1/4"			305 mm 12"		
Distance Between Centers	1000 mm 40 in	1000 mm 40 in	1500 mm 60 in	2000 mm 80 in	1000 mm 40 in	1500 mm 60 in	2000 mm 80 in
Width of Bedways	206 mm 8-1/2 in			330 mm 13 inch			
<b>HEADSTOCK</b>							
Spindle Nose Mounting	D1-4 CAMLOCK				D1-8 CAMLOCK		
Spindle Bore	38 mm 1-1/2"				64 mm 2-5/8"		
Taper of Spindle Bore	MT#5				MT#7 (Sleeve MT#5)		
Spindle Speed HI	2000-410 RPM				2000-240 RPM		
MD	540-110 RPM				380-45 RPM		
LO	140-30 RPM				84-10 RPM		
<b>SLIDE</b>							
Cross Slide Travel (X Axis)	200 mm 7-7/8"				280 mm 11"		
Dia. of Ballscrew	25 mm				25 mm		
Rapid Travel (X Axis)	6 m/min				6 m/min		
Servo Motor (X Axis)	7.3 Nm				7.3 Nm		
Longitudinal Travel (Z Axis)	840 mm 33-1/2"	900 mm 36-1/4"	1430 mm 56-1/4"	1940 mm 76-3/8"	920 mm 36-1/4"	1430 mm 56-1/4"	1940 mm 76-3/8"
Dia. of Ballscrew	32 mm			40 mm			
Rapid Travel (Z Axis)	8 m/min			8 m/min			
Servo Motor (Z Axis)	7.3 Nm			9.3 Nm			
<b>TURRET</b>							
Max. Cutting Tools	20 mm			25 mm			
<b>TAILSTOCK</b>							
Quill Diameter	45 mm 1-3/4"			75 mm 3"			
Quill Taper	M1 #3			M1 #5			
Quill Travel	120 mm 4-3/4"			160 mm 6-5/16"			
<b>MOTOR</b>							
Main Motor	5 HP 3.5 kw			10 HP 7.5 kw			
Coolant Pump	1.8 HP			1/8 HP 25L/min 0.4kg/cm <sup>2</sup>			
<b>WEIGHT</b>							
Machine Weight	1200 kgs	1800 kgs	2000 kgs	2300 kgs	2100 kgs	2300 kgs	2600 kgs

#### STANDARD ACCESSORIES

- CNC control system
- Back plate for chuck
- Coolant pump
- Automatic lubrication system
- Work lamp
- Safety guard
- Center sleeve
- Tool box and adjusting tools
- Two dead centers
- Operational manual & part list

#### OPTIONAL ACCESSORIES

- 3-jaw scroll chuck
- 4-jaw independent chuck
- Face plate
- Steady rest
- Follow rest
- Quick change toolpost with 4 pcs toolholders
- Electrical 4 way toolpost
- Hydraulic 8 station turret
- Electrical 8 station turret
- Hydraulic chuck with draw bar & foot pedal operation
- Hydraulic tailstock
- Live center



TPH MACHINE TOOLS

### FLAT BED CNC LATHE

Model : 1440NC / 1740NC / 1760NC / 1780NC / 2040NC / 2060NC / 2080NC



TPH MACHINE TOOLS

Tel: +44 (0)1708 523919  
Fax: +44 (0)1708 550042  
Web: [www.tphmachinetools.co.uk](http://www.tphmachinetools.co.uk)  
Email: [machines@tphmachinetools.co.uk](mailto:machines@tphmachinetools.co.uk)

4, Blackwater Close, Fairview Industrial Park, Rainham, Essex, RM13 8UA United Kingdom

2013.08

## SPINDLE BORE 86 MM

MODEL: 1740NC / 1760NC / 1780NC  
2040NC / 2060NC / 2080NC



MODEL: 2080NC

### FEATURES

- SIEMENS 808D turning control system.
- CNC and manual operation.
- Dual electronic hand-wheels for manual turning & Teach in mode.
- Integrated PLC.
- Semi-automatic, automatic (cycle) and part program modes.
- Rapid traverse.
- Automatic home searching.
- Gear headstock 3 steps, 10-2000 r.p.m. infinite variable spindle speed.
- To supported spindle using high precision taper roller bearings.
- All geared headstock, main gears are made from Chromium, Nickel, molybdenum alloy steel and are case hardened and "REISHAUER" ground.
- Forced spray lubrication system used for headstock.
- High precision ball-screws.
- Hardened of bed-way & cross ways meet HB 450.
- Auto lubrication unit for all slide-ways surface and ball-screw.

## SPINDLE BORE 38 MM

MODEL: 1440NC



Electrical box



Electrical 4 way tool post



Hydraulic tailstock



Hydraulic turret



Headstock



Quick change tool post



Electrical turret