

XYZ XL 780

SPINDLE 43 HP / 32 kW
3 METRE GAP BED LATHE
SWING OVER BED 780mm
SPINDLE BORE 160mm
DISTANCE BETWEEN
CENTRES 3,000mm
MAX 1,300 RPM

SIEMENS
Touchscreen
ProtoTRAK®

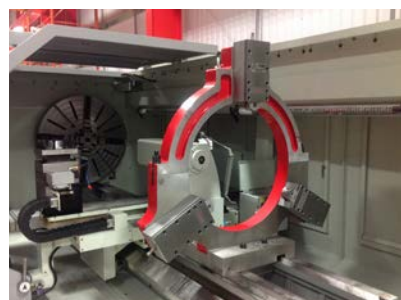


The XYZ XL and Oil Country Lathes are heavy-duty machines built to handle the toughest of work for either chucking or between centre applications using the massive tailstock assembly. The solid ribbed cast construction with wide vee and flat bed ways offer excellent stability and rigidity. The powerful spindles sit in a headstock built using the highest quality gears and bearings.

In combination, these features create one of the most capable and reliable ranges of large capacity lathes available in the UK.



The XYZ Oil Country and XL Lathe range feature a one-piece bed and base casting.



The XYZ XL 780 is also available with a Rock Steady

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Headstock

The Headstock is built using induction hardened and precision ground gears. Precision taper roller bearings and support journal bearings ensure spindle rigidity and concentricity. High pressure oil lubrication is provided to all gears and bearings via a pump and oil cooler ensuring thermal stability, quiet running and long life.

Control

We have chosen the 'Easy to program' Siemens 828D Conversational 'Shop Turn' Control as the standard control.

Cast Bed & Base

This heavy machine comes with a massive one piece 500mm wide bed with induction hardened and ground slides.

Tailstock

The massive tailstock with two clamp points prevents movement when machining components between centres. For ease of use we have incorporated air assist 'floating' tailstock with towing hitch.

	XYZ XL 780
Swing over bed	780 mm
Swing in gap	1,090 mm
Gap in front of faceplate	157 mm
Swing over cross slides	535 mm
Cross slide travel	430 mm
Distance between centres	3,000 mm
Maximum cutting length	2,900 mm
Spindle bore	160 mm
Spindle nose	A2-11
Spindle taper	MT7 in bush
Spindle motor	43 HP / 32 kW
Spindle speeds	20-1,300 rpm (2 ranges)
Tailstock travel	200 mm
Tailstock taper	MT 6
Tailstock diameter	105 mm
Bed width	500 mm
Footprint L x D x H	5,400 x 2,300 x 2,100 mm
Weight	8,600 kg

Standard Equipment

Siemens 828D ShopTurn Touchscreen Control.
3 Jaw 500mm Diameter Steel Chuck.
4 Station Auto Indexing Toolpost.
Air Assist 'Floating' Tailstock with Towing Hitch.
Joystick Control for Rapid Movement.
Coolant.
Worklight.
Automatic Lubrication.
Electromagnetic Spindle Brake.
Chuck Guard (interlocked).
Swarf Guard (interlocked).
Dead Centres and Sleeves.
Networking.
Compact Flash Card Slot.
USB Port.

Optional Equipment

Siemens Contour Handwheel
(wind the handwheel to run through the program).
Offline Programming.
Face Plates, Steadies and Chucks.
Factory Networking.
Live 8 Station Turret.
Conveyor and Bin.
Advanced Swarf Management System.
C Axis with Break.



Part of the **XYZ Turning Catalogue** which includes:

ProtoTRAK® Lathes.
Turning Centres.
XL Extra Large Lathes.
Oil Country Lathes.
Mobile Robotic Automation.
Manual Mills & Lathes.
Grinders.
Tooling & Accessories.



Visit www.xyzmachinetools.com or the YouTube channel to see the video.