

XYZ

Machine Tools





DEVON HQ

XYZ
Machine Tools

Proven Quality and Reliability for Over 40 Years

- UK Sales & Service Back Up.
- Full Product Training.
- Finance Packages to Suit.
- Machine Rental.
- Part Exchange.
- Full 12 Month Warranty.
- Extended Warranties.
- Nationwide Service Engineers.
- Programming Helplines.
- Same Day Spares Dispatch.



The UK's largest
supplier of CNC Machine Tools

Aftercare
& Spares

ProtoTRAK® Controls

KMX Mills

RMX Bed
Mills

Toolroom
Machining
Centres

ProTURN
Lathes

Linear Rail
VMCs

Heavy Duty
VMCs

High Speed
& 5 Axis
VMCs

Turning
Centres

XL
Lathes

Manual
Machines

XYZ Price Promise

We believe above all in fairness and treating customers as we would like to be treated. You can rest assured that the price you pay is the price every company pays, big, small, new or existing, every customer pays the same.

Our pricing policy is simple and straightforward. XYZ promises that everyone gets our best price, automatically, every time.

Martin

Martin Burton
Managing Director



You can now take a factory tour of our Devon Headquarters from the comfort of your office or home. Scan the QR Code and take a walk around the workshop, stores department or visit the showroom where there are specifications tables and videos on the machines.

6 SHOWROOMS

23,000 sq ft of Showrooms



Here at XYZ we have been developing, testing and refining our range of machine tools for over 40 years. Our winning principles of combining outstanding build quality with the world's best control systems, namely ProtoTRAK®, Siemens, and Heidenhain, have seen the XYZ product range grow to become the nation's first choice for prototype and low volume production. But that's just the beginning, when you combine great value products with an excellent support infrastructure it's easy to see why XYZ has grown to be the largest supplier of CNC machine tools in the UK.



**Our 100,000 sq ft
Head Office and
Main Factory Based
in Devon, England.**



Nuneaton



Sheffield



Huddersfield



Livingston



Poland

UK SUPPORT

The UK Network

Here at XYZ, we pride ourselves on the aftersales support offered. Your machinery is an important part of your business, and we understand that maintaining and repairing capital investment is critical, which is why we invest in our support network.

- 18 XYZ Employed Service Engineers.
- 18 Fully Equipped Vans.
- 7 Technical Support Engineers.
- 50% of Breakdowns Fixed Over the Phone.
- 90% Fixed on the First Visit.



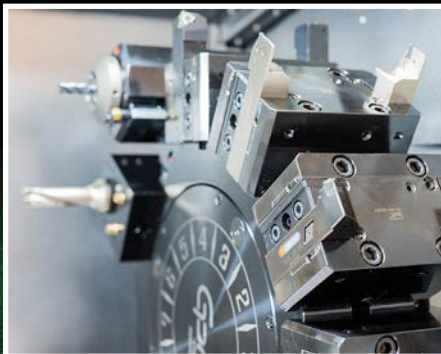
SPARES & TOOLING

Aftercare Like No Other

With over £2 million of spare parts to support the 26,000+ machines sold, we can provide that vital component quickly to keep your valuable machinery up and running. We are proud to offer support for all of our machines including those that are over 40 years old.

Same Day Dispatch

Order a part through our new "spares and tooling web shop" and we will dispatch it the same day. Parcels are collected daily at 4pm and go out for a quick delivery ensuring your downtime is at a minimum.



CONTROLS

ProtoTRAK®
SIEMENS



Simply the Best Controls for One-offs, Small Batch and Production Environments.



ProtoTRAK® RMX



ProtoTRAK® KMX

ProtoTRAK®

The UK's favourite control for one-off and small batch production is designed to be powerful but simple to program. With a touchscreen and an intuitive interface, this is the go-to control for many machine shops.



Siemens 828 Control



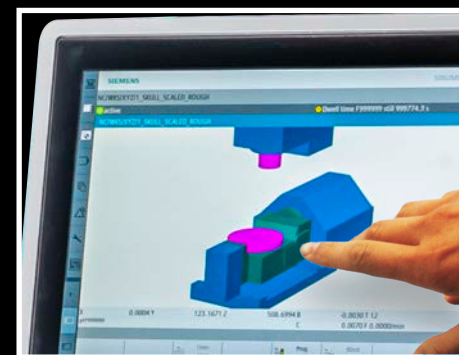
Siemens Sinumerik One Control

Siemens

Partnering with Siemens, and with our own advancements, we have integrated the controls to our high quality machines. This creates products capable of production runs with serious power to reduce cycle times.



ProtoTRAK® Touchscreen



Siemens Sinumerik One Touchscreen

Programming

Along with conversational programming, additional software options allow drawings to be opened on the controls. This gives you the ability to input DXF files, 3D models and CAD/CAM generated programs, providing you with the best solution to machine your components.



KMX MILLS



SIMPLE BUT POWERFUL

The KMX Mill range has been specifically designed for small batch production and even one-offs.

This very simple to use control will take you from drawing to finished component in the shortest time and leave the operator in full control. Matched to high quality machines, this package offers proven performance with its predecessors dating back over 30 years, and still in production today.

Standard Equipment

- **ProtoTRAK® KMX 2 or 3Axis CNC Control.**
- **User Friendly Conversational Programming.**
- **Vari-Speed 2 Range Head.**
- **3 or 4 Axis DRO.**
- **Verify Graphics.**
- **Precision Ground Ballscrews.**
- **Coolant.**
- **LED Worklight.**
- **Auto Lubrication.**
- **Swarf Tray.**
- **Interlocked Table Guarding.**
- **12 Months Warranty.**
- **Free Training.**

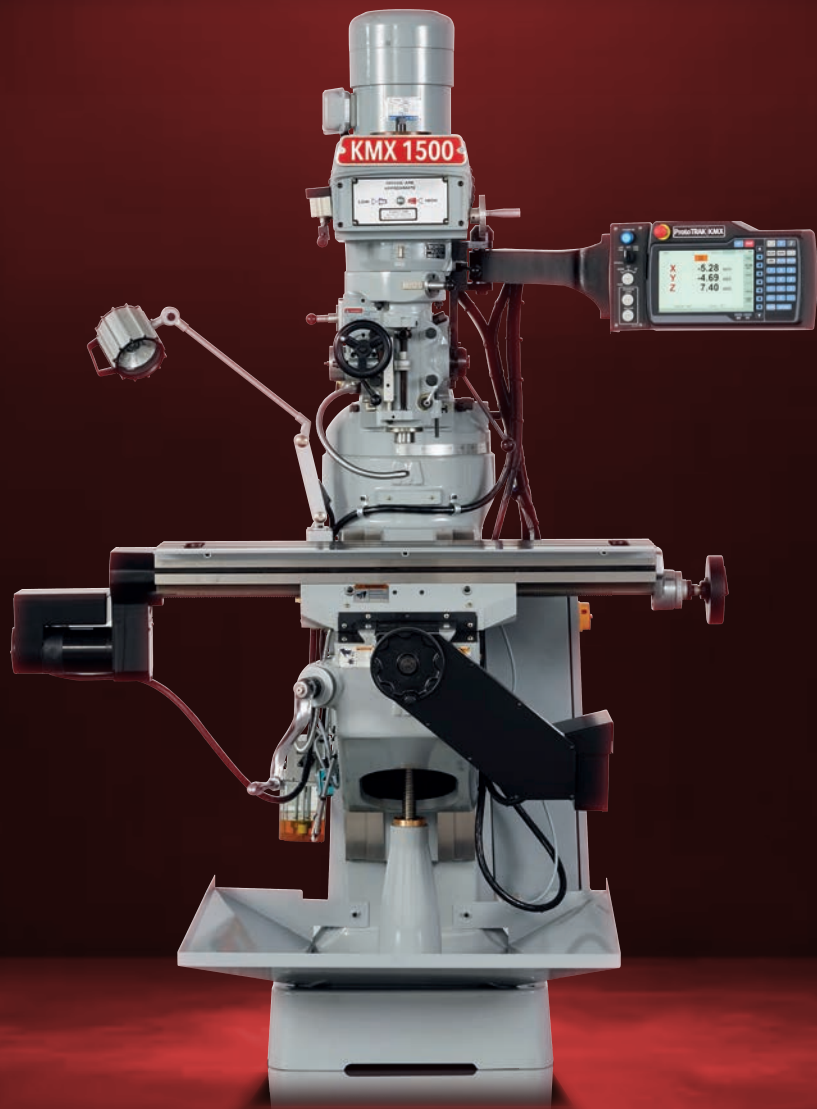
Optional Equipment

- **TRAKing® including Electronic Handwheels.**
- **Offline Software.**
- **DXF Reader.**
- **Parasolid Model Reader.**
- **Remote Stop Go.**
- **Riser Blocks.**
- **Air Power Drawbar.**
- **LEV Filtration Systems.**
- **Millstar Quill DRO.**
- **4 Axis Upgrade.**



XYZ KMX 1500

ProtoTRAK®



Workshop Favourite

The smallest Mill in this range, making it the perfect machine for those starting in CNC milling with the minimum cost. Many companies have started their business with this machine.

Specification	XYZ KMX 1500
Spindle	2.25kW (3hp)
Spindle Speeds	50 - 3,500rpm
Speed Ranges	2 Ranges (50 - 400 & 420 - 3,500rpm)
Table Size	1,069 x 228mm
T Slot Size	16mm
T Slots	3 off
X Axis Table Travel	595mm
Y Axis Table Travel	300mm
Knee Vertical Travel	380mm
Slideway Type	Hardened Way
Ram Travel	390mm
Spindle Taper	R8 (ISO30 Optional)
Quill Power Feeds	.038 .076 .15mm
Quill Travel	127mm
Quill Diameter	86mm
Max Table Load	350kg
Swivel on Turret	360°
Head Tilt Front to Back	+45° / -45°
Head Tilt Left to Right	+90° / -90°
Max Throat Depth	686mm
Machine Weight	1,250kg

Features include:

- 2 Axis CNC.
- 3 Axis DRO.
- Vari-Speed 2 Range Head.
- Verify Solid Model Graphics.
- Precision Ground Ballscrews.
- Coolant.
- LED Worklight.
- Auto Lubrication.
- Steel Swarf Tray.

**Optional Equipment on page 10*

XYZ KMX 2000

ProtoTRAK®



Guards removed for clarity

Our Best Selling Turret Mill

Due to the larger travels and extra rigidity of the machine, the XYZ KMX 2000 is our best selling Turret Mill.

Specification	XYZ KMX 2000
Spindle	2.25kW (3hp)
Spindle Speeds	60 - 4,200rpm
Speed Ranges	2 Ranges (60 - 500 & 500 - 4,200rpm)
Table Size	1,270 x 254mm
T Slot Size	16mm
T Slots	3 off
X Axis Table Travel	745mm
Y Axis Table Travel	370mm
Knee Vertical Travel	406mm
Slideway Type	Hardened Chrome
Ram Travel	450mm
Spindle Taper	R8 (ISO30 Optional)
Quill Power Feeds	.038 .076 .15mm
Quill Travel	127mm
Quill Diameter	86mm
Max Table Load	350kg
Swivel on Turret	360°
Head Tilt Front to Back	+45° / -45°
Head Tilt Left to Right	+90° / -90°
Max Throat Depth	686mm
Machine Weight	1,350kg

Features include:

- 2 Axis CNC.
- 3 Axis DRO.
- Vari-Speed 2 Range Head.
- Verify Solid Model Graphics.
- Precision Ground Ballscrews.
- Coolant.
- LED Worklight.
- Auto Lubrication.
- Chrome Slides.
- Fibreglass Swarf Tray.

**Optional Equipment on page 10*

XYZ KMX SLV

ProtoTRAK®



Our Largest Capacity Turret Mill

With 1,000mm travel in the X axis, this machine brings in additional capacity over our other Turret Mills. Fitted with a wide saddle, it offers more rigidity for those larger components.

Specification	XYZ KMX SLV
Spindle	3.75kW (5hp)
Spindle Speeds	70 - 3,600rpm
Speed Ranges	2 ranges (70 - 460 & 500 - 3,600rpm)
Table Size	1,473 x 305mm
T Slot Size	16mm
T Slots	3 off
X Axis Table Travel	1,000mm
Y Axis Table Travel	396mm
Knee Vertical Travel	394mm - Powered
Slideway Type	Hardened & Ground Box Way
Ram Travel	450mm
Spindle Taper	ISO40
Quill Power Feeds	.038 .076 .15mm
Quill Travel	127mm
Quill Diameter	105mm
Max Table Load	580kg
Swivel on Turret	360°
Head Tilt Front to Back	+45° / -45°
Head Tilt Left to Right	+90° / -90°
Max Throat Depth	700mm
Machine Weight	1,850kg

Features include:

- 2 Axis CNC.
- 3 Axis DRO.
- Vari-Speed 2 Range Head.
- Verify Solid Model Graphics.
- Precision Ground Ballscrews.
- Coolant.
- LED Worklight.
- Auto Lubrication.
- Hardened Box Way.
- Fibreglass Swarf Tray.

*Optional Equipment on page 10

XYZ KMX 2500

ProtoTRAK®



Guards removed for clarity

3 Axis CNC Made Easy

The easy to program KMX control is now available on a Bed Mill which offers not only 3 axis machining, but higher accuracy over a Turret Mill. The perfect machine for starting your 3 axis journey.

Specification	XYZ KMX 2500
Spindle	2.25kW (3hp)
Spindle Speeds	60 - 3,500rpm
Speed Ranges	2 Ranges (60 - 420 & 500 - 3,500rpm)
Table Size	1,245 x 228mm
T Slot Size	16mm
T Slots	3 off
X Axis Table Travel	770mm
Y Axis Table Travel	388mm
Head Vertical Travel	530mm
Spindle Taper	R8 (ISO30 Optional)
Quill Power Feeds	.038 .076 .15mm
Quill Travel	125mm
Quill Diameter	85.7mm
Max Table Load	600kg
Head Tilt Left to Right	+45° / -45°
Max Throat Depth	440mm
Machine Weight	1,720kg

Features include:

- 2 / 3 Axis CNC.
- 4 Axis DRO (Quill & Head Interlinked).
- Vari-Speed 2 Range Head.
- Verify Solid Model Graphics.
- Precision Ground Ballscrews.
- Coolant.
- LED Worklight.
- Auto Lubrication.
- Steel Swarf Tray.

**Optional Equipment on page 10*

RMX MILLS



RIGIDITY AND ACCURACY MATCHED WITH THE POWERFUL BUT EASY TO PROGRAM RMX CONTROL

Bed Mills, with their open architecture design, offer more flexibility over a traditional VMC.

Coupled with the powerful but easy to program and setup ProtoTRAK® RMX Control, you get a machine fit for every workshop.

Standard Equipment

- **ProtoTRAK® RMX Touchscreen 3 Axis CNC Control.**
- **2 or 3 Axis Conversational Programming.**
- **Programmable Variable Speed 2 Range Head.**
- **TRAKing® with Electronic Handwheels.**
- **3 Axis DRO.**
- **Air Power Drawbar.**
- **Precision Ground Ballscrews.**
- **Coolant.**
- **LED Worklight.**
- **Auto Lubrication.**
- **Swarf Tray.**
- **Interlocked Table Guarding.**
- **12 Months Warranty.**
- **Free Training.**

Optional Equipment

- **Advanced Features.**
- **Clear Off Software Option.**
- **DXF Reader.**
- **Parasolid Model Reader.**
- **Offline Software.**
- **Remote Stop Go.**
- **Riser Blocks.**
- **4th Axis.**
- **LEV Filtration Systems.**
- **Tooling, Vices Plus More.**



XYZ RMX 2500

ProtoTRAK®



Power and Performance Made Affordable

The RMX 2500 is the smallest in the Bed Mill range. It has an impressive specification, coupled with the powerful but easy to program RMX Control, offering a cost-effective solution for producing one-offs and small batches.

Specification	XYZ RMX 2500
Spindle	2.25kW (3hp)
Spindle Speeds	40 - 4,200rpm
Speed Ranges	2 Ranges (40 - 600 & 300 - 4,200rpm)
Table Size	1,245 x 228mm
T Slot Size	16mm
T Slots	3 off
X Axis Table Travel	780mm
Y Axis Table Travel	381mm
Head Vertical Travel	550mm
Spindle Taper	R8 (ISO30 Optional)
Quill Power Feeds	.038 .076 .15mm
Quill Travel	125mm
Quill Diameter	85.7mm
Max Table Load	600kg
Head Tilt Left to Right	+45° / -45°
Max Throat Depth	460mm
Machine Weight	1,780kg

Features include:

- 2 or 3 Axis CNC.
- 4 Axis DRO (Quill & Head Interlinked).
- Programmable 2 Speed Head.
- Precision Ground Ballscrews.
- TRAKing®.
- Electronic Handwheels.
- Air Power Drawbar.
- Coolant.
- LED Worklight.
- Auto Lubrication.
- Interlocked Guarding.
- Steel Swarf Tray.

**Optional Equipment on page 16*

XYZ RMX 3500

ProtoTRAK®



Guards removed for clarity

Incredible Versatility For One-Offs and Small Batch Production

With the incredibly robust hardened and ground ways, it's easy to see why this is our most popular Bed Mill.

Specification	XYZ RMX 3500
Spindle	3.75kW (5hp)
Spindle Speeds	40 - 5,000rpm
Speed Ranges	2 Ranges (40 - 600 & 300 - 5,000rpm)
Table Size	1,370 x 355mm
T Slot Size	16mm
T Slots	4 off
X Axis Table Travel	750mm
Y Axis Table Travel	480mm
Head Vertical Travel	510mm
Spindle Taper	ISO40
Quill Power Feeds	.038 .076 .15mm
Quill Travel	131mm
Quill Diameter	105mm
Max Table Load	600kg
Head Tilt Left to Right	+45° / -45°
Max Throat Depth	520mm
Machine Weight	2,430kg

Features include:

- 2 or 3 Axis CNC.
- 4 Axis DRO (Quill & Head Interlinked).
- Programmable 2 Speed Head.
- Precision Ground Ballscrews.
- Box Way Slides with Turcite.
- TRAKing®.
- Electronic Handwheels.
- Air Power Drawbar.
- Coolant.
- LED Worklight.
- Auto Lubrication.
- Interlocked Guarding.
- Steel Swarf Tray.

*Optional Equipment on page 16

XYZ RMX 4000

ProtoTRAK®



The Perfect Machine For Those Bigger Jobs

A common size machine with one metre travel in the X axis. Whether you need to be more efficient than a VMC for one-offs or small batches, or you need a bit more capacity, the RMX 4000 is a perfect machine.

Specification	XYZ RMX 4000
Spindle	5.75kW (7.5hp)
Spindle Speeds	40 - 5,000rpm
Speed Ranges	2 Ranges (40 - 600 & 300 - 5,000rpm)
Table Size	1,474 x 355mm
T Slot Size	16mm
T Slots	4 off
X Axis Table Travel	1,060mm
Y Axis Table Travel	596mm
Head Vertical Travel	520mm
Spindle Taper	ISO40
Quill Power Feeds	.038 .076 .15mm
Quill Travel	140mm
Quill Diameter	116mm
Max Table Load	850kg
Head Tilt Left to Right	+45° / -45°
Max Throat Depth	610mm
Machine Weight	3,190kg

Features include:

- 2 or 3 Axis CNC.
- 4 Axis DRO (Quill & Head Interlinked).
- Programmable 2 Speed Head.
- Precision Ground Ballscrews.
- Box Way Slides with Turcite.
- TRAKing®.
- Electronic Handwheels.
- Air Power Drawbar.
- Coolant.
- LED Worklight.
- Auto Lubrication.
- Interlocked Guarding.
- Steel Swarf Tray.

**Optional Equipment on page 16*

XYZ RMX 5000

ProtoTRAK®



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For the Larger Jobs or Additional Capacity

The RMX 5000 is popular for those who want to add capacity to their portfolio. With a massive one and a half metres of travel in the X axis, this machine is designed without compromise. The hardened and ground slideways have been specifically designed to carry those larger components.

Specification	XYZ RMX 5000
Spindle	5.75kW (7.5hp)
Spindle Speeds	40 - 5,000rpm
Speed Ranges	2 Ranges (40 - 600 & 300 - 5,000rpm)
Table Size	1,930 x 355mm
T Slot Size	16mm
T Slots	4 off
X Axis Table Travel	1,500mm
Y Axis Table Travel	596mm
Head Vertical Travel	520mm
Spindle Taper	ISO40
Quill Power Feeds	.038 .076 .15mm
Quill Travel	140mm
Quill Diameter	116mm
Max Table Load	850kg
Head Tilt Left to Right	+45° / -45°
Max Throat Depth	610mm
Machine Weight	3,560kg

Features include:

- 2 or 3 Axis CNC.
- 4 Axis DRO (Quill & Head Interlinked).
- Programmable 2 Speed Head.
- Precision Ground Ballscrews.
- Extra Large Box Way Slides with Turcite.
- TRAKing®.
- Electronic Handwheels.
- Air Power Drawbar.
- Coolant.
- LED Worklight.
- Auto Lubrication.
- Interlocked Guarding.
- Steel Swarf Tray.

*Optional Equipment on page 16

TMCs



TOOLROOM MACHINING CENTRES OFFER A PRODUCTION MACHINE COUPLED WITH OUR EASY TO PROGRAM RMX CONTROL

This range of machine tools brings together the proven LR Range with the easy to program ProtoTRAK® control, making it more efficient to program and setup for those one-offs or larger batch runs.

Standard Equipment

- **ProtoTRAK® RMX Touchscreen 3 Axis CNC Control.**
- **Conversational Programming.**
- **8,000rpm Spindle on TMCs.**
- **Programmable Spindle Speeds.**
- **Remote Electronic Handwheel.**
- **Flood Coolant.**
- **Air Blast.**
- **LED Worklight.**
- **Auto Lubrication.**
- **Carousel Tool Changer on TMCs (Cradle Tool Changer on 2-OP).**
- **Pull Studs.**
- **12 Months Warranty.**
- **Free Training.**

Optional Equipment

- **Movable Electronic Handwheels for Setting, Manual Operation and TRAKing®.**
- **Advanced Features.**
- **Clear Off Software Option.**
- **DXF Reader.**
- **Parasolid Model Reader.**
- **Offline Software.**
- **Remote Stop Go.**
- **12,000rpm Spindle on TMCs.**
- **Through Spindle Coolant.**
- **Riser Blocks.**
- **4th Axis Rotary Table.**
- **Swarf Conveyor.**
- **Side Vision Panels.**
- **Coolant Washdown Gun.**
- **LEV Filtration Systems.**
- **Tooling, Vices Plus More.**



XYZ 500 TMC

ProtoTRAK®



Big Specification for its Size

It might have a small footprint but it packs a punch. This machine would make a great addition to any workshop offering one-off machining to large batch production.

Specification	XYZ 500 TMC
Working Area (Soft Limits)	491 x 381 x 434mm
Table Size	580 x 400mm
Spindle Centre to Column	415mm
Spindle to Table	100 - 550mm
Column Front to Table Centre	215 - 615mm
Rapid Feedrate	20 M/min
Cutting Feedrates	1 - 20,000 MM/min
Max Table Load	250kg
T Slot Size, Number & Pitch	16mm, 3 off @ 125mm
Spindle Speeds	50 - 8,000rpm (12,000 Optional)
Spindle Motor	11kW (15hp)
Spindle Taper	BT40
Toolchanger	12 Station Carousel
Toolchange Time	8 secs
Max Tool Diameter & Weight	100mm / 7kg
Coolant Tank Capacity	105L
Ballscrew (Grade C3)	28mm Dia P8
Machine Weight	2,400kg
Footprint	1,920 x 2,272 x 2,715mm

Features include:

- Remote Electronic Handwheel.
- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Easy Clean Swarf Tray.
- USB & Ethernet Ports.

**Optional Equipment on page 22*

XYZ 750 TMC**ProtoTRAK®**

Great All Round Machining Centre

This is the most popular model in the TMC range. Offering the perfect capacity for most workshops and with a compact footprint, this is the go-to machine.

Specification	XYZ 750 TMC
Working Area (Soft Limits)	743 x 425 x 489mm
Table Size	830 x 410mm
Spindle Centre to Column	500mm
Spindle to Table	100 - 600mm
Column Front to Table Centre	305 - 745mm
Rapid Feedrate	20 M/min
Cutting Feedrates	1 - 20,000 MM/min
Max Table Load	500kg
T Slot Size, Number & Pitch	16mm, 3 off @100mm
Spindle Speeds	50 - 8,000rpm (12,000 Optional)
Spindle Motor	11kW (15hp)
Spindle Taper	BT40
Toolchanger	20 Station Carousel
Toolchange Time	8 secs
Max Tool Diameter & Weight	100mm / 7kg
Coolant Tank Capacity	125L
Ballscrew (Grade C3)	32mm Dia P8
Machine Weight	3,500kg
Footprint	2,392 x 2,460 x 2,670mm

Features include:

- Remote Electronic Handwheel.
- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Easy Clean Swarf Tray.
- USB & Ethernet Ports.

**Optional Equipment on page 22*

XYZ 1000 TMC

ProtoTRAK®



Versatility With Great Capacity

With a one metre X axis, the 1000 TMC gives great capacity in a compact footprint. This is the perfect machine for large components or multiple parts setup.

Specification	XYZ 1000 TMC
Working Area (Soft Limits)	982 x 485 x 484mm
Table Size	1,060 x 500mm
Spindle Centre to Column	532mm
Spindle to Table	100 - 600mm
Column Front to Table Centre	382 - 782mm
Rapid Feedrate	20 M/min
Cutting Feedrates	1 - 20,000 MM/min
Max Table Load	800kg
T Slot Size, Number & Pitch	16mm, 4 off @ 125mm
Spindle Speeds	50 - 8,000rpm (12,000 Optional)
Spindle Motor	11kW (15hp)
Spindle Taper	BT40
Toolchanger	20 Station Carousel
Toolchange Time	8 secs
Max Tool Diameter & Weight	100mm / 7kg
Coolant Tank Capacity	160L
Ballscrew (Grade C3)	32mm Dia P8
Machine Weight	4,600kg
Footprint	2,895 x 2,680 x 2,695mm

Features include:

- Remote Electronic Handwheel.
- LED Worklight.
- Status Light.
- Steel Concertina Guards on All Axes.
- Optimised Powerful AC Servo Motors.
- Easy Clean Swarf Tray.
- Flood Coolant & Air Blast.
- USB & Ethernet Ports.

*Optional Equipment on page 22

XYZ I600 TMC

ProtoTRAK®



Size Does Matter

The I600 TMC offers the opportunity to reduce setups, machine larger components and attract work due to its impressive capacity.

Specification	XYZ I600 TMC
Working Area (Soft Limits)	1,580 x 642 x 614mm
Table Size	1,660 x 660 mm
Spindle Centre to Column	750mm
Spindle to Table	95 - 735mm
Column Front to Table Centre	370 - 1,030mm
Rapid Feedrate	20 M/min
Cutting Feedrates	1 - 20,000 MM/min
Max Table Load	1,000kg
T Slot Size, Number & Pitch	18mm, 5 off @ 100mm
Spindle Speeds	50 - 8,000rpm (12,000 Optional)
Spindle Motor	11kW (15hp)
Spindle Taper	BT40
Toolchanger	20 Station Carousel
Toolchange Time	8 secs
Max Tool Diameter & Weight	100mm / 7kg
Coolant Tank Capacity	300L
Ballscrew (Grade C3)	40mm Dia P12
Machine Weight	6,700kg
Footprint	4,355 x 3,025 x 2,915mm

Features include:

- Remote Electronic Handwheel.
- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Easy Clean Swarf Tray.
- USB & Ethernet Ports.

**Optional Equipment on page 22*

XYZ RMX 2-OP

ProtoTRAK®



Compact VMC or Mobile Cell Manufacturing?

Whether you need to improve efficiency by creating a machining cell, or you require a small machining centre, the portable RMX 2-OP can be quickly moved and set up, providing workshop flexibility.

Specification	XYZ RMX 2-OP
X Axis Table Travel	356mm
Y Axis Table Travel	461mm
Z Vertical Travel	435mm
Table Size	457 x 381mm
Spindle to Table	70 - 525mm
Rapid Feedrate	15 MM/min
Cutting Feedrates	1,500 M/min
Max Table Load	250kg
T Slot Size, Number & Pitch	16mm, 4 off @ 63mm
Spindle Speeds	50 - 10,000rpm
Spindle Motor	2.25 kW (3hp)
Spindle Taper	BT30
Toolchanger	8 Station
Max Tool Diameter	50mm
Coolant Tank Capacity	68L
Ballscrew	6mm Pitch
Machine Weight	1,320kg
Footprint	880 x 1,800 x 2,520mm (+ 580mm for pendant)

Features include:

- Electronic Handwheel.
- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Removable Swarf Tray.
- USB & Ethernet Ports.

**Optional Equipment on page 22*

ProtoTRAK® RMX Control Features

Standard Hardware

- 15.9" Touch Screen.
- Intuitive Operation.
- Conversational Programming (No Codes).
- 4 USB Ports.
- Unlimited Storage.
- Folder Storage System.

Software Options

- Advanced Features.
- Parasolid Solid Model Programming.
- DXF File Converter (Input & Output).
- Auxiliary Function for Programmable Coolant.
- Clear Off.
- G Code (Input & Output).
- MT Connect.

Selection of Control Features

- Power Feed.
- Teach Mode.
- Imperial Metric Conversion.
- Line Centre Calculator.
- Circle Centre Calculator.
- Program Scaling.
- Part Geometry & Toolpath.
- Drill, Tap & Bore.
- PCD Patterns.
- Straight & Radial Slots.
- Mill & Arc Machining.
- Profile Machining (Any Shape).
- Auto Geometry Engine (Profile Calculator).
- Standard Pockets.
- Irregular Shape Pockets.
- Irregular Pockets with Islands.
- Sub Repeat, Mirror & Rotate.
- Helix.
- Toolpath Graphics.
- Spreadsheet Edit.
- Optional Stop.

- Customisable Defaults.
- Programmable Spindle Speeds.
- Gesture Control.
- Notes & Images Saved to Program (ie. Setup Sheets etc).
- Advanced Adaptive Toolpath*.
- Programmed Toolpath*.
- Finish Tool Number*.
- Event Comments*.
- Tool Library*.
- Chip Clear*.
- Multiple Fixtures*.
- Copy (Mirror, Rotate, Drill to Tap)*.
- Engrave (Parallel & Radial)*.
- Thread Mill*.
- Verify - Solid Model Simulation*.
- Rest Machining*.
- G Code Editor*.
- Clipboard*.

* **Advanced Features Option.**



Flexible Program Input for the ProtoTRAK® Control

CAD Input via a DXF File or Parasolid Model

If you draw your own parts or receive them electronically, you can input the digital drawing directly into the touchscreen control via the optional DXF File Converter. This allows the operator to have control of all machining operations. You can also repair a digital drawing without the need to go back to the draftsman.

G-Code or Programs from a CAD/CAM System

Leading CAD/CAM suppliers have a post processor to generate a G-Code program that can be loaded directly into the ProtoTRAK® control. With the onboard G-Code editor you can modify the program without the need to go back to the CAD/CAM system.

Legacy ProtoTRAK® Controls

All of the historical milling programs going back over 35 years can be converted using the RMX control. Once loaded, the program can be modified or extended by using the latest machining strategies.

To see the power of the ProtoTRAK® Control, arrange a desktop demonstration at your facility or visit an XYZ Showroom.

PROTURN LATHES



SIMPLY THE BEST LATHE FOR ONE-OFFS AND SMALL BATCH PRODUCTION

As there is a need in the modern workshop to be more efficient and productive, it's more important to choose the right machine for the job. A ProTURN Lathe is more productive than a Manual Lathe, and is more efficient than a Turning Centre, especially for smaller batch runs.

Standard Equipment

- **ProtoTRAK® RLX Touchscreen CNC Control.**
- **Conversational Programming.**
- **Constant Surface Speed.**
- **TRAKing®.**
- **Quick Change Toolpost with 6 Holders.**
- **Rapid Traverse with Joystick.**
- **Tailstock.**
- **LED Worklight.**
- **Auto Lubrication.**
- **Interlocked Chuck Guard.**
- **Interlocked Operator Guard.**
- **Centres and Bushes.**
- **12 Months Warranty.**
- **Free Training.**

Optional Equipment

- **Advanced Features.**
- **DXF Reader.**
- **Offline Programming.**
- **4 Station Auto Indexing Toolpost.**
- **8 Station Auto Indexing Turret.**
- **Adjustable Backstop.**
- **Chucks and Collet Chuck.**
- **Faceplate.**
- **Fixed and Travelling Steadies.**
- **Drilling Attachment.**
- **LEV Filtration Systems.**
- **Swarf Conveyor.**
- **Coolant Washdown Gun.**



XYZ RLX 1630

ProtoTRAK®



Faster Machining for One-Off and Small Batch Production

Whether you are new to CNC turning, or want to be more efficient at pricing one-offs and small batches, this is a great solution.

Specification	XYZ RLX 1630
Swing Over Bed	400mm
Swing in Gap	N/A
Gap in Front of Faceplate	N/A
Swing Over Cross Slide	218mm
Cross Slide Travel	216mm
Distance Between Centres	760mm
Maximum Cutting Length	760mm
Spindle Bore	54mm
Spindle Nose	D1-6 Camlock
Spindle Taper	MT4 in Bush
Spindle	5.75kW (7.5hp)
Spindle Speeds	150 - 2,500rpm
Speed Ranges	Single Range (150 - 2,500rpm)
Tailstock Travel	127mm
Tailstock Taper	MT4
Tailstock Diameter	60mm
Bed Width	320mm
Machine Weight	1,550kg
Footprint	2,090 x 1,200 x 1,800mm

Features include:

- 200mm 3 Jaw Chuck.
- Constant Surface Speed.
- TRAKing®.
- Single Range Headstock.
- Quick Change Toolpost with 6 Holders.
- LED Worklight.
- Rapid Traverse with Joystick.
- Manual Tailstock.
- Flood Coolant.
- Interlocked Chuck Guard & Main Guard.
- Dual Sliding Doors.
- Fixed Apron Controls.
- Removable Swarf Tray.
- Integral Coolant Tank.

**Optional Equipment on page 30*

XYZ RLX 355

ProtoTRAK®



High Speed Lathe Where Precision and Accuracy are Key

With a 4,000rpm spindle on this machine, it gives added capability when smaller components require additional surface speed for a better finish.

Specification	XYZ RLX 355
Swing Over Bed	360mm
Swing in Gap	N/A
Gap in Front of Faceplate	N/A
Swing Over Cross Slide	225mm
Cross Slide Travel	185mm
Distance Between Centres	1,000mm
Maximum Cutting Length	900mm
Spindle Bore	52mm
Spindle Nose	DI-6 Camlock
Spindle Taper	MT4 in Bush
Spindle	5.75kW (7.5hp)
Spindle Speeds	50 - 4,000rpm
Speed Ranges	2 Ranges (50 - 1,410 & 100 - 4,000 rpm)
Tailstock Travel	150mm
Tailstock Taper	MT4
Tailstock Diameter	60mm
Bed Width	300mm
Machine Weight	1,955kg
Footprint	2,320 x 1,410 x 1,940mm

Features include:

- 200mm 3 Jaw Chuck.
- Constant Surface Speed.
- TRAKing®.
- Two Range Headstock.
- Quick Change Toolpost with 6 Holders.
- LED Worklights.
- Rapid Traverse with Joystick.
- Air Assist Tailstock.
- Auto Lubrication.
- Flood Coolant.
- Interlocked Chuck Guard & Main Guard.
- Full Width Up & Over Door.
- Travelling Apron Controls.
- Removable Swarf Bin.
- Removable Coolant Tank.

**Optional Equipment on page 30*

XYZ RLX 425

ProtoTRAK®



Perfect Size, Specification and Footprint

The RLX 425 is our best-selling ProTURN Lathe, covering a wide range of work. With a 2,500rpm spindle and 80mm bore, it is a highly flexible workhorse.

Specification	XYZ RLX 425 1.25 and 2 metre
Swing Over Bed	480mm
Swing in Gap	700mm
Gap in Front of Faceplate	170mm
Swing Over Cross Slide	257mm
Cross Slide Travel	230mm
Distance Between Centres	1,250 / 2,000mm
Maximum Cutting Length	1,080 / 1,900mm
Spindle Bore	80mm
Spindle Nose	D1-8 Camlock
Spindle Taper	MT5 in Bush
Spindle	7.5kW (10 hp)
Spindle Speeds	25 - 2,500rpm
Speed Ranges	3 Ranges (25 - 300, 50 - 850 & 140 - 2,500rpm)
Tailstock Travel	160mm
Tailstock Taper	MT5
Tailstock Diameter	75mm
Bed Width	370mm
Machine Weight	2,700 / 3,700kg
Footprint	1.25m: 2,600 x 1,480 x 1,830mm 2m: 3,450 x 1,600 x 1,910mm

Features include:

- 250mm 3 Jaw Chuck.
- Constant Surface Speed.
- TRAKing®.
- Three Range Headstock.
- Quick Change Toolpost with 6 Holders.
- LED Worklights.
- Rapid Traverse with Joystick.
- Air Assist Tailstock.
- Auto Lubrication.
- Flood Coolant.
- Interlocked Chuck Guard & Main Guard.
- Full Width Up & Over Door.
- Travelling Apron Controls.
- Removable Swarf Bin.
- Removable Coolant Tank.

*Optional Equipment on page 30

XYZ RLX 555**ProtoTRAK®**

Larger Capacity with Impressive Spindle Power and Speed

The RLX 555 has a heavy duty casting construction, wider bed and powerful spindle motor, providing an opportunity for larger work. Machining larger diameters, spindle speeds can be massively compromised, but the 104mm spindle bore still has an impressive 1,800rpm.

Specification	XYZ RLX 555 1 and 1.75 metre
Swing Over Bed	560mm
Swing in Gap	780mm
Gap in Front of Faceplate	227mm
Swing Over Cross Slide	350mm
Cross Slide Travel	280mm
Distance Between Centres	1,000 / 1,750mm
Maximum Cutting Length	900 / 1,650mm
Spindle Bore	104mm
Spindle Nose	D1-11 Camlock
Spindle Taper	MT5 in Bush
Spindle	11.2kW (15hp)
Spindle Speeds	30 - 1,800rpm
Speed Ranges	2 Ranges (30 - 375 & 140 - 1,800rpm)
Tailstock Travel	160mm
Tailstock Taper	MT5
Tailstock Diameter	90mm
Bed Width	370mm
Machine Weight	3,200kg / 4,100kg
Footprint	1m: 2,600 x 1,600 x 1,930mm 1.75m: 3,510 x 1,550 x 1,930mm

Features include:

- 315mm 3 Jaw Chuck.
- Constant Surface Speed.
- TRAKing®.
- Two Range Headstock.
- Quick Change Toolpost with 6 Holders.
- LED Worklights.
- Rapid Traverse with Joystick.
- Air Assist Tailstock.
- Auto Lubrication.
- Flood Coolant.
- Interlocked Chuck Guard & Main Guard.
- Full Width Up & Over Door.
- Travelling Apron Controls.
- Removable Swarf Bin.
- Removable Coolant Tank.

**Optional Equipment on page 30*

XYZ RLX 780

ProtoTRAK®



A Picture That Doesn't Do This Machine Justice

If you are looking for a machine to take on big diameter work, this machine needs to be seen. With an impressive construction and exceptional build quality, the RLX 780 will perform above and beyond.

Specification	XYZ RLX 780 1.5, 3 and 5 metre
Swing Over Bed	780mm
Swing in Gap	1,090mm
Gap in Front of Faceplate	157mm
Swing Over Cross Slide	535mm
Cross Slide Travel	430mm
Distance Between Centres	1,500 / 3,000 / 5,000mm
Maximum Cutting Length	1,400 / 2,900 / 4,900mm
Spindle Bore	160mm
Spindle Nose	A2-11
Spindle Taper	MT6 in Bush
Spindle	32kW (43hp)
Spindle Speeds	20 - 1,300rpm
Speed Ranges	2 Ranges (20 - 415 & 40 - 1,300rpm)
Tailstock Travel	200mm
Tailstock Taper	MT6
Tailstock Diameter	105mm
Bed Width	500mm
Machine Weight	6,400 / 8,600 / 10,400kg
Footprint	3,904 / 5,455 / 7,400 x 2,170 x 2,180mm

Features include:

- 500mm 3 Jaw Chuck.
- Constant Surface Speed.
- TRAKing®.
- Two Range Headstock.
- Quick Change Toolpost with 6 Holders.
- LED Worklights.
- Rapid Traverse with Joystick.
- Air Assist Tailstock.
- Auto Lubrication.
- Flood Coolant.
- Interlocked Chuck Guard & Main Guard.
- Travelling Apron Controls.
- Removable Swarf Bin.
- Removable Coolant Tank.

*Optional Equipment on page 30

ProtoTRAK® RLX Control Features

Standard Hardware

- 15.9" Touch Screen.
- Intuitive Operation.
- Conversational Programming (No codes).
- 4 USB Ports.
- Unlimited Storage.
- Folder Storage System.

Software Options

- Advanced Features.
- DXF File Converter (Input & Output).
- G Code (Input & Output).
- MT Connect.

Selection of Control Features

- EPA (Enhanced ProtoTRAK® Assistance).
- Power Feed.
- Do One (Taper, Radius, Fillet).
- Imperial Metric Conversion.
- Constant Surface Speed.
- Program Scaling.
- Cycle Programming (Roughing & Finishing).
- Turn & Arc Machining.
- Drill.
- Bore.
- Threading (Screw Cutting).
- Grooving.
- Facing Cycle.
- Sub Repeat.
- Toolpath Graphics.
- Cut Off.
- Calculator.
- Maths Help.
- Notes & Images Saved to Program (ie. Setup Sheets etc).
- Spreadsheet Editing.
- Optional Stop.
- Customisable Defaults.
- Gesture Control.
- Indexer Tool Setup.
- Event Comments*.
- G Code Editor*.
- Thread Repair*.
- Clipboard*.
- Gang Tool Setup*.
- Custom Thread Event*.
- Tap Event*.
- Search Edit*.
- Verify Make Part - Solid Model Graphics of Programmed Toolpath*.

* **Advanced Features Option.**



Flexible Program Input for the ProtoTRAK® Control

CAD Input via a DXF File

If you draw your own parts or get them electronically, you can input the digital drawing directly into the touchscreen control via the optional DXF File Converter. This allows the operator to have control of all machining operations. You can also repair a digital drawing without the need to go back to the draftsman.

G-Code or Programs from a CAD/CAM System

Leading CAD/CAM suppliers have a post processor to generate a G-Code program that can be loaded directly into the ProtoTRAK® control. With the onboard G-Code editor you can modify the program without the need to go back to the CAD/CAM system.

Legacy ProtoTRAK® Controls

All of the historical turning programs going back over 35 years can be converted using the RLX control.

Once loaded, the program can be modified or extended by using the latest machining strategies.

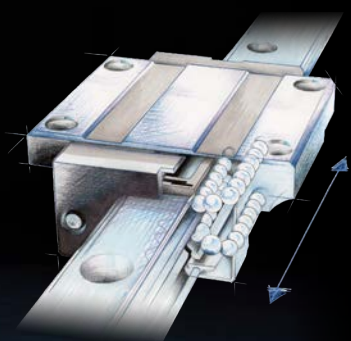
To see the power of the ProtoTRAK® Control, arrange a desktop demonstration at your facility or visit an XYZ Showroom.

LINEAR RAIL VMCs



EXCEPTIONAL QUALITY FOR EVERYDAY MACHINING

The LR Range of Vertical Machining Centres are built with high specification Linear Rails, providing the uncompromised quality you expect from XYZ.



Linear Rail Ball Bearing Slides

Used for many years, linear rails allow users to take advantage of improvements in digital motion control and modern cutting tool performance.

Standard Equipment

- Siemens 828D CNC Control.
- Optimised Digital Servo Drives.
- 8,000rpm Spindle.
- Automatic Toolchanger.
- Rigid Tapping.
- Flood Coolant.
- Air Blast.
- LED Worklight.
- Pull Studs.
- USB Port.
- Steel Concertina Guards on All Axes.
- Powder Coated Guarding.
- Automatic Lubrication.
- 12 Months Warranty.
- Free Training.

Optional Equipment

- Siemens ShopMill Conversational Software.
- 4th Axis Rotary Table.
- Swarf Conveyor and Bin.
- Tool and Job Setting Probes.
- 12,000rpm Spindle.
- Through Spindle Coolant.
- Remote Electronic Handwheel.
- Side Vision Panels.
- Offline Programming.
- Factory Network License.
- Advanced Swarf Management.
- DXF Reader.
- Coolant Washdown Gun.
- LEV Filtration Systems.
- Oil Skimmer.
- Auto Door.
- Auto Power Off.
- Robot and Automation Interface.



XYZ 500 LR

SIEMENS



Compact, Yet Powerful

The smallest footprint VMC with quality and rigidity that will allow you to maximise shopfloor space.

Specification	XYZ 500 LR
X Axis Table Travel	500mm
Y Axis Table Travel	400mm
Z Vertical Travel	440mm
Table Size	580 x 400mm
Spindle Centre to Column	415mm
Spindle to Table	100 - 550mm
Column Front to Table Centre	215 - 615mm
Rapid Feedrate	20 M/min
Cutting Feedrates	1 - 20,000 MM/min
Max Table Load	250kg
T Slot Size, Number & Pitch	16mm, 3 off @ 125mm Pitch
Spindle Speeds	10 - 8,000rpm (12,000 Optional)
Spindle Motor	15kW (20hp)
Spindle Taper	BT40 (SK & CAT Optional)
Toolchanger	12 Station Carousel
Toolchange Time	8 secs
Max Tool Diameter & Weight	100mm / 7kg
Coolant Tank Capacity	105L
Ballscrew (Grade C3)	28mm Dia P8
Machine Weight	2,400kg
Footprint	1,890 x 1,982 x 2,700mm

Features include:

- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Easy Clean Swarf Tray.
- USB & Ethernet Ports.

**Optional Equipment on page 38*

XYZ 750 LR

SIEMENS



The Popular Choice

It's easy to see why this is the best selling VMC in the range. With fantastic capacity, it meets most workshop requirements.

Specification	XYZ 750 LR
X Axis Table Travel	750mm
Y Axis Table Travel	440mm
Z Vertical Travel	500mm
Table Size	830 x 410mm
Spindle Centre to Column	500mm
Spindle to Table	100 - 600mm
Column Front to Table Centre	305 - 745mm
Rapid Feedrate	20 M/min
Cutting Feedrates	1 - 20,000 MM/min
Max Table Load	500kg
T Slot Size, Number & Pitch	16mm, 3 off @ 100mm Pitch
Spindle Speeds	10 - 8,000rpm (12,000 Optional)
Spindle Motor	15kW (20hp)
Spindle Taper	BT40 (SK & CAT Optional)
Toolchanger	24 Station Arm Type
Toolchange Time	2.5 secs
Max Tool Diameter & Weight	78mm / 7kg
Coolant Tank Capacity	125L
Ballscrew (Grade C3)	32mm Dia P8
Machine Weight	3,500kg
Footprint	2,362 x 2,170 x 2,655mm

Features include:

- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Easy Clean Swarf Tray.
- USB & Ethernet Ports.

**Optional Equipment on page 38*

XYZ 1000 LR

SIEMENS



Large Capacity at an Affordable Price

With a one metre travel in the X axis, this machine will handle most workshop needs.

Specification	XYZ 1000 LR
X Axis Table Travel	1,000mm
Y Axis Table Travel	500mm
Z Vertical Travel	500mm
Table Size	1,060 x 500mm
Spindle Centre to Column	532mm
Spindle to Table	110 - 610mm
Column Front to Table Centre	282 - 782mm
Rapid Feedrate	20 M/min
Cutting Feedrates	1 - 20,000 MM/min
Max Table Load	800kg
T Slot Size, Number & Pitch	16mm, 4 off @ 100mm Pitch
Spindle Speeds	10 - 8,000rpm (12,000 Optional)
Spindle Motor	15kW (20hp)
Spindle Taper	BT40 (SK & CAT Optional)
Toolchanger	24 Station Arm Type
Toolchange Time	2.5 secs
Max Tool Diameter & Weight	78mm / 7kg
Coolant Tank Capacity	160L
Ballscrew (Grade C3)	32mm Dia P8
Machine Weight	4,600kg
Footprint	2,865 x 2,390 x 2,680mm

Features include:

- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Easy Clean Swarf Tray.
- USB & Ethernet Ports.

**Optional Equipment on page 38*

XYZ I600 LR

SIEMENS



Huge Capacity Without Compromise

The massive 1,600mm of travel in the X axis will open up opportunities for larger work.

Specification	XYZ I600 LR
X Axis Table Travel	1,600mm
Y Axis Table Travel	660mm
Z Vertical Travel	630mm
Table Size	1,660 x 660mm
Spindle Centre to Column	750mm
Spindle to Table	105 - 740mm
Column Front to Table Centre	370 - 1,030mm
Rapid Feedrate	20 M/min
Cutting Feedrates	1-20,000 MM/min
Max Table Load	1000kg
T Slot Size, Number & Pitch	16mm, 5 off @ 100mm Pitch
Spindle Speeds	10 - 10,000rpm (12,000 Optional)
Spindle Motor	15kW (20hp)
Spindle Taper	BT40
Toolchanger	24 Station Arm Type
Toolchange Time	2.5 secs
Max Tool Diameter & Weight	78mm / 7kg
Coolant Tank Capacity	300L
Ballscrew (Grade C3)	40mm Dia P8
Machine Weight	6,500kg
Footprint	3,800 x 3,360 x 2,900mm

Features include:

- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Easy Clean Swarf Tray.
- USB & Ethernet Ports.

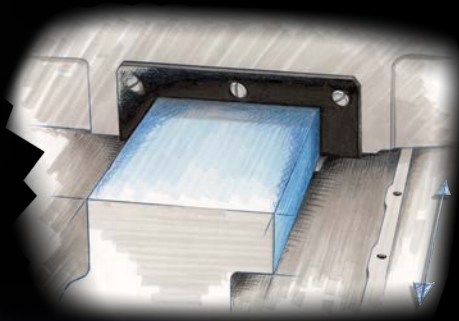
**Optional Equipment on page 38*

HEAVY DUTY VMCs



HEAVY DUTY WITH ROBUST MACHINE CONSTRUCTION

Hardened Box Ways and advanced machine design provides the optimal solution for those maximising cutting performance, especially on more exotic materials.



Hardened Box Way Slides

The combination of machine weight and hardened box slideways guarantees a highly rigid machining platform on the XYZ HD range.

Standard Equipment

- Siemens 828D Touchscreen CNC Control.
- Siemens ShopMill Software.
- Optimised Digital Servo Drives.
- Hardened Table.
- Automatic Toolchanger.
- Rigid Tapping.
- Remote Electronic Handwheel.
- Flood Coolant.
- Air Blast.
- Coolant Washdown.
- LED Worklight.
- Pull Studs.
- USB Port.
- Stainless Steel Floor Pan.
- Steel Concertina Guards on All Axes.
- Powder Coated Guarding.
- Automatic Lubrication.
- 12 Months Warranty.
- Free Training.

Optional Equipment

- Siemens Advanced Programming Options.
- 4th Axis Rotary Table.
- 5th Axis Rotary Table.
- Swarf Conveyor and Bin.
- Tool and Job Setting Probes.
- 12,000rpm Spindle.
- Through Spindle Coolant.
- Offline Programming.
- Factory Network License.
- Advanced Swarf Management.
- DXF Reader.
- Coolant Washdown Gun.
- LEV Filtration Systems.
- Oil Skimmer.
- Auto Door.
- Auto Power Off.
- Robot and Automation Interface.



XYZ 660 HD

SIEMENS
Touchscreen

HEIDENHAIN



Small Footprint, Exceptional Performance

Although this machine has a compact footprint, it packs a big punch with excellent rigidity for those tougher jobs.

Specification	XYZ 660 HD
X Axis Table Travel	660mm
Y Axis Table Travel	450mm
Z Vertical Travel	500mm
Table Size	720 x 420mm
Spindle Centre to Column	490mm
Spindle to Table	100 - 600mm
Column Front to Table Centre	290 - 740mm
Rapid Feedrate	24 M/min
Cutting Feedrates	1 - 24,000 MM/min
Max Table Load	500kg
T Slot Size, Number & Pitch	16mm, 4 off @ 100mm Pitch
Spindle Speeds	10 - 10,000rpm (12,000 Optional)
Spindle Motor	21kW (28hp)
Spindle Taper	BT40 (SK & CAT Optional)
Toolchanger	12 Station Carousel
Toolchange Time	8 secs
Max Tool Diameter & Weight	90mm / 6kg
Coolant Tank Capacity	130L
Ballscrew (Grade C3)	32mm Dia P10
Machine Weight	3,400kg
Footprint	2,220 x 2,850 x 2,630mm

Features include:

- Hardened Table.
- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Easy Clean Swarf Tray.
- Stainless Steel Floor Pan.
- USB & Ethernet Ports.

*Optional Equipment on page 44

XYZ 800 HD**SIEMENS**
Touchscreen **HEIDENHAIN**

Compact Machine with Maximum Rigidity

The optimum capacity machine for the majority of the work encountered in today's workshop.

Specification	XYZ 800 HD
X Axis Table Travel	800mm
Y Axis Table Travel	500mm
Z Vertical Travel	510mm
Table Size	920 x 480mm
Spindle Centre to Column	550mm
Spindle to Table	100 - 610mm
Column Front to Table Centre	300 - 800mm
Rapid Feedrate	24 M/min
Cutting Feedrates	1 - 24,000 MM/min
Max Table Load	900kg
T Slot Size, Number & Pitch	16mm, 4 off @ 100mm Pitch
Spindle Speeds	10 - 10,000rpm (12,000 Optional)
Spindle Motor	21kW (28hp)
Spindle Taper	BT40 (SK & CAT Optional)
Toolchanger	24 Station Arm Type
Toolchange Time	2.5 secs
Max Tool Diameter & Weight	78mm / 8kg
Coolant Tank Capacity	150L
Ballscrew (Grade C3)	40mm Dia P10
Machine Weight	4,400kg
Footprint	2,440 x 3,190 x 2,690mm

Features include:

- Hardened Table.
- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Easy Clean Swarf Tray.
- Stainless Steel Floor Pan.
- USB & Ethernet Ports.

*Optional Equipment on page 44

XYZ I 100 HD

SIEMENS
Touchscreen

HEIDENHAIN



Serious Machining Capabilities

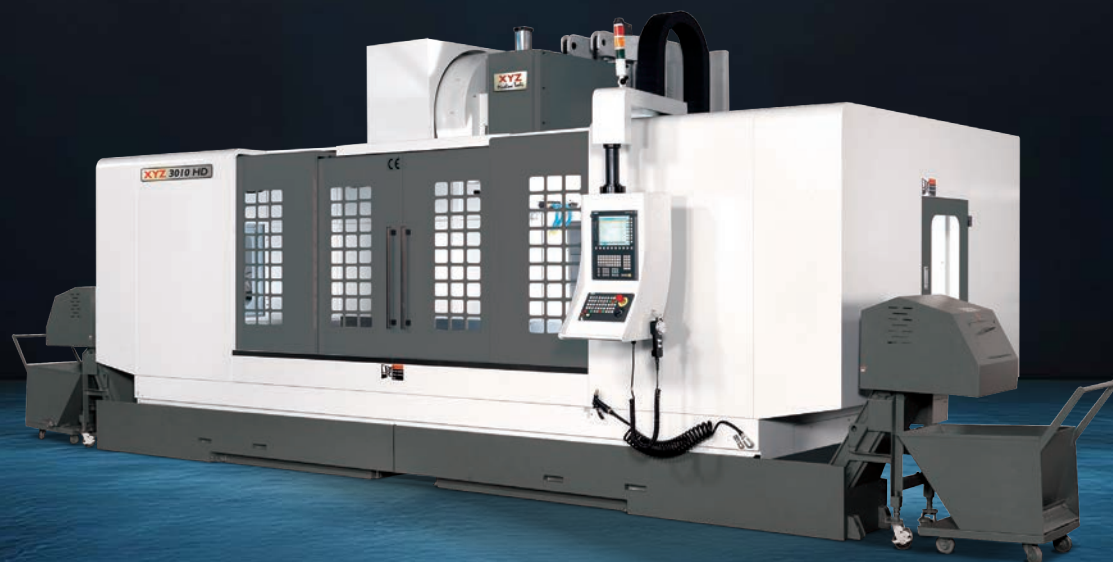
Built with rigidity, strength and a 1.5 ton table capacity, what more do you need?

Specification	XYZ I 100 HD
X Axis Table Travel	1,100mm
Y Axis Table Travel	610mm
Z Vertical Travel	610mm
Table Size	1,200 x 600mm
Spindle Centre to Column	675mm
Spindle to Table	150 - 760mm
Column Front to Table Centre	360 - 970mm
Rapid Feedrate	24 M/min
Cutting Feedrates	1 - 24,000 MM/min
Max Table Load	1,500kg
T Slot Size, Number & Pitch	18mm, 4 off @ 125mm Pitch
Spindle Speeds	10 - 10,000rpm (12,000 Optional)
Spindle Motor	21kW (28hp)
Spindle Taper	BT40 (SK & CAT Optional)
Toolchanger	30 Station Arm Type
Toolchange Time	2.5 secs
Max Tool Diameter & Weight	78mm / 7kg
Coolant Tank Capacity	240L
Ballscrew (Grade C3)	40mm Dia P12
Machine Weight	7,000kg
Footprint	3,250 x 3,500 x 2,810mm

Features include:

- Hardened Table.
- Status Light.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- LED Worklight.
- Steel Concertina Guards on All Axes.
- Easy Clean Swarf Tray.
- Stainless Steel Floor Pan.
- USB & Ethernet Ports.

**Optional Equipment on page 44*

XYZ 2010 HD**XYZ 2510 HD****XYZ 3010 HD****SIEMENS**

1,000mm of Y Axis Travel

Working in the energy or aerospace industries? You should investigate the XYZ Super Heavyweight VMCs.

Specification	XYZ 2010, 2510, 3010 HD
X Axis Table Travel	2,000 / 2,500 / 3,000mm
Y Axis Table Travel	1,000mm
Z Vertical Travel	800mm
Table Size	2,200 / 2,700 / 3,100 x 1,000mm
Spindle Centre to Column	920 / 1,080 / 1,080mm
Spindle to Table	185 - 885mm / 185 - 985mm
Column Front to Table Centre	600 - 1,600mm
Rapid Feedrate	16 M/min
Cutting Feedrates	1-16,000 MM/min
Max Table Load	3,000 / 3,200 / 4,000kg
T Slot Size, Number & Pitch	22mm, 8 off @ 125mm Pitch
Spindle Speeds	10 - 10,000 rpm (Options Available)
Spindle Motor	42kW (56hp)
Spindle Taper	BT40
Toolchanger	30 Station Carousel
Toolchange Time	2.5 secs
Max Tool Diameter & Weight	77mm / 7kg
Coolant Tank Capacity	700L / 700L / 1,000L
Ballscrew (Grade C3)	50mm Dia P12
Machine Weight	20,000 / 23,000 / 25,000kg
Footprint	7,800 / 8,960 / 9,670 x 3,665 x 3,600mm

Features include:

- Hardened Table.
- Status Light.
- LED Worklight.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- Steel Concertina Guards on All Axes.
- Swarf Conveyor.
- USB & Ethernet Ports.

**Optional Equipment on page 44*

HIGH SPEED & 5 AXIS



GREATER PRODUCTIVITY, REDUCED SETUPS AND ENHANCED PERFORMANCE

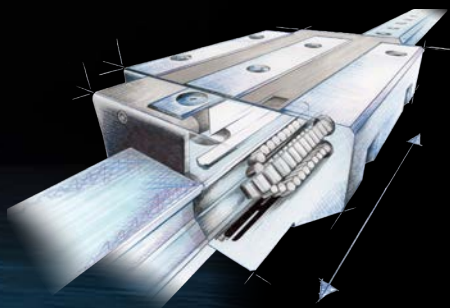
When efficiency is vital, from high speed machining to 5 axis capability, XYZ Machine Tools has the solution.

Standard Equipment

- **Siemens Sinumerik One Touchscreen CNC Control.**
- **Siemens ShopMill Software.**
- **Optimised Digital Servo Drives.**
- **Linear Roller Bearing Rails.**
- **Temperature Controlled Spindle.**
- **Temperature Controlled Ballscrews.**
- **Automatic Toolchanger.**
- **Remote Electronic Handwheel.**
- **Rigid Tapping.**
- **Flood Coolant.**
- **Air Blast.**
- **LED Worklight.**
- **Pull Studs.**
- **USB Port.**
- **Swarf Conveyor and Bin.**
- **Steel Concertina Guards on All Axes.**
- **Powder Coated Guarding.**
- **Automatic Lubrication.**
- **12 Months Warranty.**
- **Free Training.**

Optional Equipment

- **4th Axis Rotary Table on 1060 HS.**
- **5th Axis Rotary Table on 1060 HS.**
- **Linear Scales.**
- **Tool and Job Setting Probes.**
- **Higher Spindle Speed Options.**
- **Through Spindle Coolant.**
- **Offline Programming.**
- **Factory Networking.**
- **Advanced Swarf Management.**
- **DXF Reader.**
- **Coolant Washdown Gun.**
- **LEV Filtration Systems.**
- **Oil Skimmer.**
- **Auto Door.**
- **Auto Power Off.**
- **Robot and Automation Interface.**



A larger bearing contact area for high speed precision and enhanced stiffness and rigidity.



XYZ 400 UMC

SIEMENS
Touchscreen



4+1 or Full 5 Axis Simultaneous Machining

An ideal sized machine to start your journey into 5 axis machining, both with its capacity and its very compact footprint.

Specification	XYZ 400 UMC
X Axis Travel	800mm
Y Axis Travel	600mm
Z Axis Travel	510mm
Spindle Nose to Table	90 - 600mm
Table Diameter	400mm
B Axis (Tilt)	+110° / -90° (30rpm)
C Rotary Axis	360° (30rpm)
Max Table Load	250kg
T Slot Size, Number & Pitch	14mm, 5 off @ 63mm Pitch
Tilt/Rotary Type	Japanese Roller Gear Cam
Spindle Speed	12,000rpm (15,000 Optional)
Spindle Motor	25.7kW (35hp)
Rapid Feed Rate	32M/min
Max Cutting	32M/min
Tool Capacity	30 Station (60 Optional)
Spindle	BBT40 (SK40 Optional)
Max Tool Weight	7kg
Max Tool Diameter	80mm (75mm on 60 Tool)
Footprint WxDxH	30 Tool: 3,030 x 2,340 x 3,120mm 60 Tool: 3,180 x 2,660 x 3,120mm
Machine Weight	30 Tool: 7,200kg 60 Tool: 7,700kg

Features include:

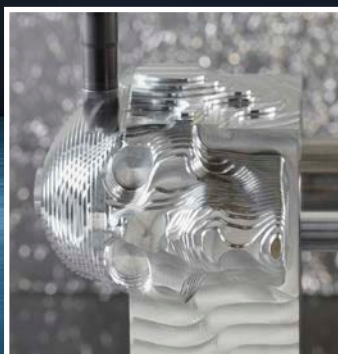
- 22" Touchscreen Control with Haptic Feedback.
- Front and Side Loading Doors.
- 12,000 or 15,000rpm Built-in Spindle.
- 30 or 60* Station Toolchanger.
- Smart Status LEDs.
- High Rigid Casting.

*Optional Equipment on page 50

A Machine That Can Grow Your Business

Wanting to reduce setup times and use multi-sided machining, or an experienced 5 axis machine user, this machine will certainly appeal to you.

The XYZ 400 UMC can be upgraded from 4 + 1 to a full 5 axis simultaneous at your factory after your initial purchase, not only saving you money but also giving you flexibility to change your company direction when you choose.



Features include:

- Massive 22" Touchscreen.
- Bridge Style Construction for Max Strength.
- 12,000rpm or 15,000rpm* Spindle.
- 30 or 60* Station Toolchanger.
- Chilled Built-in Spindle.
- Chilled Ballscrews.
- Flood Coolant.
- Air Blast.
- Advanced LED Lighting.
- Smart Status LEDs.
- Front and Side Doors.
- Front or Side Door Control Operation.
- Swarf Conveyor & Bin.
- Advanced Swarf Management System.
- Japanese Roller Cam Mechanism on Trunnion Table.
- "Zero" Backlash Trunnion Table.
- Robot and Pallet Ready for Full Automation.*
- Through Spindle Coolant 20 or 70 Bar.*
- Traori for Maximum Accuracy.*
- Kinematics for Optimised 5 Axis Machining.*
- Dynamic Collision Monitoring.*
- Tool Setting Probes.*
- Workpiece Setting Probes.*
- Auto Door for Robot or Pallet Loading.*
- Advanced Swarf Management.*
- LEV Filtration System.*
- CAD Reader.*

* **Optional Accessory or Upgrade Available**

XYZ 1060 HS

SIEMENS
Touchscreen



High Speed for Mould and Die

This is a high speed, high performance, high specification Vertical Machining Centre.

Specification	XYZ 1060 HS
X Axis Table Travel	1,020mm
Y Axis Table Travel	610mm
Z Vertical Travel	620mm
Table Size	1,200 x 600mm
Spindle Centre to Column	640mm
Spindle to Table	140 - 760mm
Column Front to Table Centre	365 - 975mm
Rapid Feedrate	43 M/min
Cutting Feedrates	1 - 43,000 MM/min
Max Table Load	1,000kg
T Slot Size, Number & Pitch	18mm, 4 off @ 125mm Pitch
Spindle Speeds	12,000rpm (15,000 Optional)
Spindle Motor	21kW (28hp)
Spindle Taper	BT40 (SK & CAT Optional)
Toolchanger	30 Station Arm Type
Toolchange Time	2.5 secs
Max Tool Diameter & Weight	76mm / 8kg
Coolant Tank Capacity	300L
Ballscrew (Grade C3)	40mm Dia P16
Machine Weight	7,500kg
Footprint	4,400 x 3,290 x 3,250mm

Features include:

- Oil Cooled Spindle.
- Chilled Ballscrews.
- Through Spindle Coolant.
- Linear Roller Bearings.
- Optimised Powerful AC Servo Motors.
- Flood Coolant & Air Blast.
- Steel Concertina Guards on All Axes.
- Swarf Conveyor.
- USB & Ethernet Ports.

**Optional Equipment on page 50*

XYZ UMC-5X

SIEMENS
Touchscreen



5 Axis Large Capacity Machining

Whether it's multi-sided machining for reduced setups, or full 5 axis simultaneous, this gantry style machine is fully spec'd, making it an obvious choice.

Specification	XYZ UMC-5X
X Axis Table Travel	600mm
Y Axis Table Travel	600mm
Z Axis Table Travel	500mm
A Axis (Tilt)	+ 120° / -120°
C Rotary Axis	360°
Table Size	600mm Diameter
Max Table Load	600kg
T Slot Size, Number & Pitch	14mm, 7 off @ 75mm Pitch
Spindle Speeds	15,000rpm (Options available)
Rapid Feedrate	36 M/min
Cutting Feedrate	1 - 36,000 MM/min
Toolchanger	60 Station
Spindle Taper	BBT40 (HSK A63 Optional)
Max Tool Length	300mm
Toolchange Time	>2 secs
Coolant Tank Capacity	300L (increased to 570L with 70 Bar TSC)
Through Spindle Coolant	40 Bar (Optional 70 Bar - Requires Roof)
Machine Weight	9,500kg
Footprint	4,495 x 3,875 x 3,000mm

Features include:

- Front Loading 600mm Diameter Trunnion Rotary Table.
- Dynamic Collision Monitoring.
- High Pressure Through Spindle Coolant System.
- Linear Scales X,Y & Z.
- 15,000rpm In-line Spindle.
- Thermal Spindle Compensation.
- Motorised 90rpm C Axis.
- Gantry Frame Machine.

**Optional Equipment on page 50*

TURNING CENTRES



PRODUCTION TURNING PACKED WITH THE LATEST TECHNOLOGY

The range of Turning Centres from XYZ Machine Tools are built to the highest quality. Available as a standard 2 axis Lathe, with driven tools, Y axis or the Sub Spindle variant, all designed to maximise production.

Standard Equipment

- **Siemens 828D CNC Control.**
- **Automatic Tool Turret.**
- **Tailstock*.**
- **Remote Electronic Handwheel.**
- **Rigid Tapping.**
- **Flood Coolant.**
- **Tool Setting Arm.**
- **LED Worklight.**
- **USB Port.**
- **Automatic Lubrication.**
- **12 Months Warranty.**
- **Free Training.**

**Not included on XYZ CT 52 LR.*

Optional Equipment

- **Collet Chucks.**
- **Parts Catcher.**
- **Barfeeder.**
- **Bar Puller.**
- **Advanced Swarf Management.**
- **Offline Programming.**
- **Factory Network License.**
- **DXF Reader.**
- **Coolant Washdown Gun.**
- **LEV Filtration Systems.**
- **Oil Skimmer.**
- **Auto Door.**
- **Auto Power Off.**
- **Robot and Automation Interface.**



XYZ CT 52 LR

SIEMENS



Compact Turning

Using the latest Linear Rail technology and proven build quality, the CT 52 LR is the perfect machine to add to any workshop.

Specification	XYZ CT 52 LR
Power Chuck Diameter	150mm
Maximum Swing	300mm
Swing Over Carriage Cover	220mm
Maximum Turned Diameter	180mm
Maximum Turned Length	300mm
X Axis Travel	165mm
Z Axis Travel	315mm
Spindle Nose	A2-5
Spindle Bore (Drawtube Capacity)	52mm
Spindle Speeds	4,500rpm
Spindle Motor	11.2kW (15hp)
Rapid Feedrate	20 M/min
Slideway Type	Linear Way
Servo Motor	8 Nm
Tool Turret	10 Station Block (directly mounted tools)
Tool Section Size	20 x 20mm
Max Boring Bar Diameter	32mm
Machine Weight	2,000kg
Footprint	1,920 x 1,520 x 2,080mm

Features include:

- Hydraulic 150mm 3 Jaw Chuck.
- 10 Station Block Turret.
- Tool Setting Arm.
- Through Tool Coolant.
- Electronic Handwheel.
- LED Worklight.
- Status Light.
- USB Port.

**Optional Equipment on page 56*

XYZ CT 65 HD

SIEMENS
Touchscreen



Perfect Production Turning Centre

With a high standard specification, the CT 65 Heavy Duty Lathe is the perfect machine for small to large batch production.

Specification	XYZ CT 65 HD
Power Chuck Diameter	200mm
Maximum Swing	400mm
Swing Over Carriage Cover	260mm
Maximum Turned Diameter	220mm
Maximum Turned Length	510mm
X Axis Travel	175mm
Z Axis Travel	525mm
Spindle Nose	A2-6
Bar Capacity	65mm
Spindle Speeds	4,000rpm
Spindle Motor	17kW (23 hp)
Rapid Feedrate	20 M/min
Slideway Type	Hardened Box Way
Servo Motor	X = 8 Nm / Z = 11 Nm
Tool Turret	12 Station 30 VDI Turret
Tool Section Size	20 x 20mm
Max Boring Bar Diameter	32mm
Quill Travel	105mm
Machine Weight	3,600kg
Footprint	3,020 x 2,200 x 2,060mm

Features include:

- Hydraulic 200mm 3 Jaw Chuck.
- Parts Catcher.
- Swarf Conveyor.
- Through Tool and Flood Coolant.
- Remote Electronic Handwheel.
- Hydraulic Tailstock.
- LED Worklight.
- Status Light.
- USB Port

**Optional Equipment on page 56*

XYZ TC 400

SIEMENS
Touchscreen



Large Capacity Turning Centre

The TC 400 Turning Centre, with its box section slideways, is a highly competent machine for turning larger diameter workpieces.

Specification	XYZ TC 400
Power Chuck Diameter	300mm
Maximum Swing	600mm
Swing Over Carriage Cover	410mm
Maximum Turned Diameter	400mm
Maximum Turned Length	600mm
X Axis Travel	265mm
Z Axis Travel	650mm
Spindle Nose	A2-8
Spindle Bore (Drawtube Capacity)	91mm (78mm)
Spindle Speeds	3,300rpm
Spindle Motor	32kW (43hp)
Rapid Feedrate	20 M/min
Slideway Type	Hardened Box Way
Servo Motor	X = 11 Nm / Z = 16 Nm
Tool Turret	12 Station 40VDI Turret
Tool Section Size	25 x 25mm
Max Boring Bar Diameter	40mm
Quill Travel	125mm
Machine Weight	5,700kg
Footprint	2,908 x 2,215 x 2,315mm

Features include:

- Hydraulic 300mm 3 Jaw Chuck.
- Swarf Conveyor.
- Through Tool and Flood Coolant.
- Remote Electronic Handwheel.
- Hydraulic Tailstock.
- LED Worklight.
- Status Light.
- USB Port.

*Optional Equipment on page 56

XYZ CT 65 LTY**SIEMENS**
Touchscreen

Quick, One Hit Mill/Turn Production

Our smallest Y axis Turning Centre offers great production capabilities from a very small footprint. This solid and versatile Box Way Turning Centre includes equipment not normally found on these machines as standard.

Specification	XYZ CT 65 LTY
Power Chuck Diameter	200mm
Maximum Swing	320mm
Swing Over Carriage Cover	320mm
Maximum Turned Diameter	220mm
Maximum Turned Length	490mm
X Axis Travel	220mm
Y Axis Travel	70mm (+/- 35mm)
Z Axis Travel	500mm
Spindle Nose	A2-6
Spindle Bore (Drawtube Capacity)	65mm
Spindle Speeds	4,000rpm
Spindle Motor	17kW (23hp)
Rapid Feedrate	20 M/min
Slideway Type	Hardened Box Way
Servo Motor	X = 8 Nm / Y = 6 Nm / Z = 11 Nm
Tool Turret	12 Station 30 VDI Turret
Tool Section Size	20 x 20mm
Max Boring Bar Diameter	32mm
Quill Travel	90mm
Machine Weight	4,400kg
Footprint	3,300 x 2,270 x 2,270mm

Features include:

- Hydraulic 200mm 3 Jaw Chuck.
- Swarf Conveyor.
- Live Tooling and Y Axis.
- Through Tool and Flood Coolant.
- Remote Electronic Handwheel.
- Programmable Tailstock Body and Quill.
- LED Worklight.
- Status Light.
- USB Port.

*Optional Equipment on page 56

XYZ TC 320 LTY

SIEMENS
Touchscreen



Large Bore Turning Centre with a Y Axis

This large machine provides exceptional capacity from a solid cast machine base. The addition of the Y axis adds a degree of versatility to the machine and increases productivity significantly.

Specification	XYZ TC 320 LTY
Power Chuck Diameter	300mm
Maximum Swing	450mm
Swing Over Carriage Cover	450mm
Maximum Turned Diameter	320mm
Maximum Turned Length	550mm
X Axis Travel	270mm
Y Axis Travel	100mm (+/- 50mm)
Z Axis Travel	600mm
Spindle Nose	A2-8
Spindle Bore (Drawtube Capacity)	91mm (78mm)
Spindle Speeds	3,300rpm
Spindle Motor	32kW (43hp)
Rapid Feedrate	20 M/min
Slideway Type	Hardened Box Way
Servo Motor	X = 11 Nm / Y = 11 Nm / Z = 16 Nm
Tool Turret	12 Station 40 VDI Turret
Tool Section Size	25 x 25mm
Max Boring Bar Diameter	40mm
Tailstock Quill Taper	MT5
Quill Diameter	95mm
Quill Travel	125mm
Machine Weight	6,950kg
Footprint	4,120 x 2,480 x 2,300mm

Features include:

- Hydraulic 300mm 3 Jaw Chuck.
- Swarf Conveyor.
- Live Tooling and Y Axis.
- Through Tool and Flood Coolant.
- Remote Electronic Handwheel.
- Programmable Tailstock Body and Quill.
- LED Worklight.
- Status Light.
- USB Port.

**Optional Equipment on page 56*

XYZ 65 LTY-S**SIEMENS**
Touchscreen**TWIN**
SUB SPINDLE

Twin/Sub Spindle Y Axis Live Tooling

This machine offers a one-hit solution, enabling you to completely finish components on the front and back ends with its twin/sub spindle, increasing productivity and efficiency.

	Specification	XYZ 65 LTY-S
Main Spindle	Main Spindle Motor (built in)	24kW (32hp)
	Max Spindle Speed	4,000rpm
	Bar Capacity	66mm
	Main Spindle Nose	A2-6
	Power Chuck Diameter	200mm
Sub Spindle	Sub Spindle Motor (built in)	15kW (20hp)
	Max Spindle Speeds	5,000rpm
	Sub Spindle Hole Diameter	45mm
	Sub Spindle Nose	A2-5
	Sub Power Chuck Diameter	150mm
Machine Information	Swing Over Bed	600mm
	Swing Over Cross Slide	400mm
	Max Turning Diameter	380mm
	Max Turning Length	520mm
	X Axis Travel	210mm
	Y Axis Travel	+/- 50mm (100mm)
	Z Axis Travel	520mm
	Z2 Axis Travel	590mm
	Live Tool Max rpm	5,000rpm
	Number of Tool Stations	12
	Tool Size	25 x 25mm
	Boring Bar Diameter	40mm
	Please note: 100mm offset holders are required for drilling and boring	
	Rapid Feed Rate	X & Z = 20 M/min Y = 15 M/min Z2 = 24 M/min
	Weight	6,000kg
	Footprint	3800 x 2350 x 2100mm

Features include:

- Hydraulic 200mm Main and 150mm Sub 3 Jaw Chucks.
- Parts Catcher.
- Swarf Conveyor.
- Live Tooling and Y Axis.
- Through Tool and Flood Coolant.
- Remote Electronic Handwheel.
- LED Worklight.
- Status Light.

*Optional Equipment on page 56

XL LATHES



SUPERIOR CAPACITY FOR HEAVY DUTY TURNING

The XYZ XL and Oil Country Lathes are heavy duty machines designed to handle the toughest of work. A solid ribbed cast construction, with wide vee and flat bed ways, offers excellent stability and rigidity.

Standard Equipment

- Siemens 828D CNC Control.
- Siemens ShopTurn Conversational Software.
- 4 Station Auto Indexing Toolpost.
- Remote Electronic Handwheel.
- Flood Coolant.
- LED Worklight.
- USB Port.
- Automatic Lubrication.
- Air Assist “Floating” Tailstock.
- Dead Centres and Sleeves.
- 12 Months Warranty.
- Free Training.

Optional Equipment

- Siemens Advanced Programming Options.
- 8 or 12 Station Turrets.
- Driven Tools.
- C Axis with Brake.
- Face Plates.
- Steadies.
- Advanced Swarf Management.
- Offline Programming.
- Factory Network License.
- DXF Reader.
- Coolant Washdown Gun.
- LEV Filtration Systems.
- Oil Skimmer.
- Auto Power Off.



XYZ XL 1100

XYZ XL 1200

XYZ XL 1500

SIEMENS



Large, Heavy Duty Machines for Efficiency and Accuracy

With solid ribbed cast construction, the XL Lathes are ideal for workshops which need a robust, reliable Lathe that can handle all jobs. For size, power and accuracy, these machines are hard to beat.

Specification	XYZ XL 1100	XYZ XL 1200	XYZ XL 1500
Swing Over Bed	1,100mm	1,200mm	1,500mm
Swing Over Cross Slide	750mm	820mm	1,120mm
Cross Slide Travel	550mm	750mm	750mm
Distance Between Centres	1,000 - 6,000mm	1,000 - 10,000mm	1,000 - 10,000mm
Spindle Bore	165mm	165mm	165mm
Spindle Nose	A2-11	A2-11	A2-11
Spindle Taper	MT7	MT7	MT7
Spindle	70kW (94hp)	70kW (94hp)	70kW (94hp)
Spindle Speeds	20 - 660rpm	20-660rpm	20-660rpm
Tailstock Travel	230mm	330mm	330mm
Tailstock Taper	MT6	MT6	MT6
Tailstock Diameter	115mm	140mm	140mm
Bed Width	558mm	692mm	692mm
Chuck Only Weight Capacity	1,000kg	1,500kg	1,500kg
Chuck & Tailstock Weight Capacity	4,000kg	4,000kg	4,000kg
Chuck, Steady & Tailstock Weight Capacity	7,000kg	6,000kg	6,000kg
Floorplan (L x D x H) (Add 1,000mm for each extra metre of between centres distance)	4,070 x 2,300 x 2,100mm	4,180 x 2,500 x 2,300mm	4,280 x 2,500 x 2,400mm
Machine Weight	8,000kg (add 1,100kg per extra metre)	9,600kg (add 1,400kg per extra metre)	10,000kg (add 1,400kg per extra metre)

Features include:

- 4 Jaw Chuck.
- 4 Station Auto Indexing Toolpost.
- Air Assist 'Floating' Tailstock.
- Electromagnetic Spindle Brake.
- Automatic Lubrication.
- Coolant.
- LED Worklight.
- Swarf Conveyor and Bin.
- USB Port.

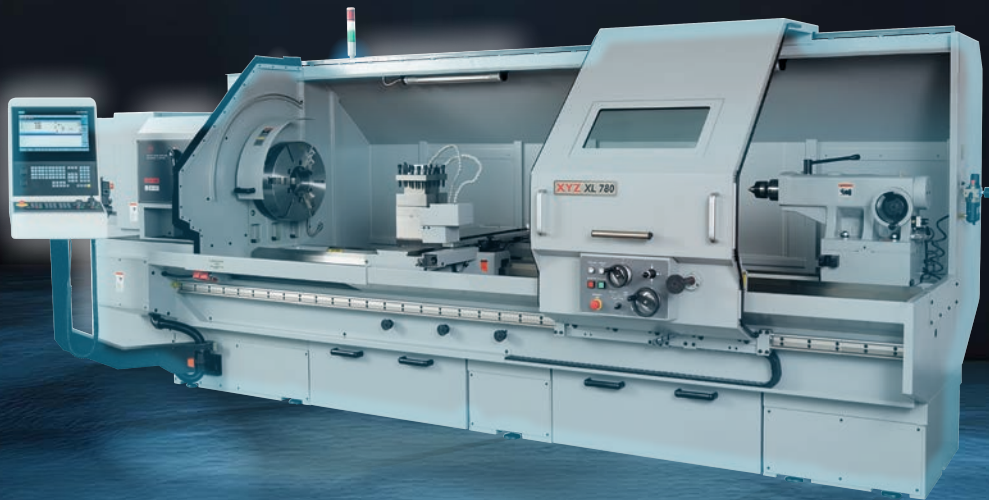
*Optional Equipment on page 64



XYZ XL 780

SIEMENS

ALSO AVAILABLE WITH
ProtoTRAK®
See page 35



Extra Large Flat Bed Lathe

A large capacity Lathe, ideal for long shafts or if you require additional machining features utilising optional accessories.

Specification	XYZ XL 780
Swing Over Bed	780mm
Swing Over Cross Slide	535mm
Cross Slide Travel	430mm
Distance Between Centres	3,000mm
Spindle Bore	160mm
Spindle Nose	A2-11
Spindle Taper	MT6 in bush
Spindle	32kW (43hp)
Spindle Speeds	20 - 1,300rpm
Tailstock Travel	200mm
Tailstock Taper	MT6
Tailstock Diameter	105mm
Bed Width	500mm
Floorplan (L x D x H)	5,400 x 2,300 x 2,10mm
Machine Weight	8,600kg

Features include:

- 4 Jaw Chuck.
- 4 Station Auto Indexing Toolpost.
- Air Assist 'Floating' Tailstock.
- Electromagnetic Spindle Brake.
- Automatic Lubrication.
- Coolant.
- LED Worklight.
- USB Port.

**Optional Equipment on page 64*



Extra Large Bore, Flat Bed Lathe

With the same solid foundation as the XL Lathes, but with a larger spindle bore, the powerful spindle sits 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.

Specification	XYZ OIL COUNTRY (310 / 420mm Bore)
Swing Over Bed	1,100mm
Swing Over Cross Slide	750mm
Cross Slide Travel	550mm
Distance Between Centres	1,000 - 10,000mm
Spindle Bore	310mm / 420mm
Spindle Nose	A2-20 / A2-28
Spindle Taper	MT7
Spindle	70kW (94hp)
Spindle Speeds	20 - 400rpm / 20 - 250rpm
Tailstock Travel	230mm
Tailstock Taper	MT6
Tailstock Diameter	115mm
Bed Width	558mm
Chuck Only Weight Capacity	1,000kg
Chuck & Tailstock Weight Capacity	4,000kg
Chuck, Steady & Tailstock Weight Capacity	7,000kg
Floorplan (L x D x H) (Add 1,000mm for each extra metre of between centres distance)	4,280 x 2,500 x 2,400mm
Machine Weight	10,000kg (add 1,400kg per extra metre)

Features include:

- 4 Jaw Chuck.

■ 4 Station Auto Indexing Toolpost.

■ Air Assist 'Floating' Tailstock.

■ Electromagnetic Spindle Brake.

■ Automatic Lubrication.

■ Coolant.

■ LED Worklight.

■ Swarf Conveyor and Bin.

■ USB Port.
- *Optional Equipment on page 64*

MANUAL MACHINES



HIGH QUALITY, RELIABLE AND VALUE FOR MONEY

Despite the advances with CNC machining, we continue to provide our manual machines for quality and reliability, and are ever popular with training organisations and maintenance shops.

Mills-Standard Equipment Optional Equipment

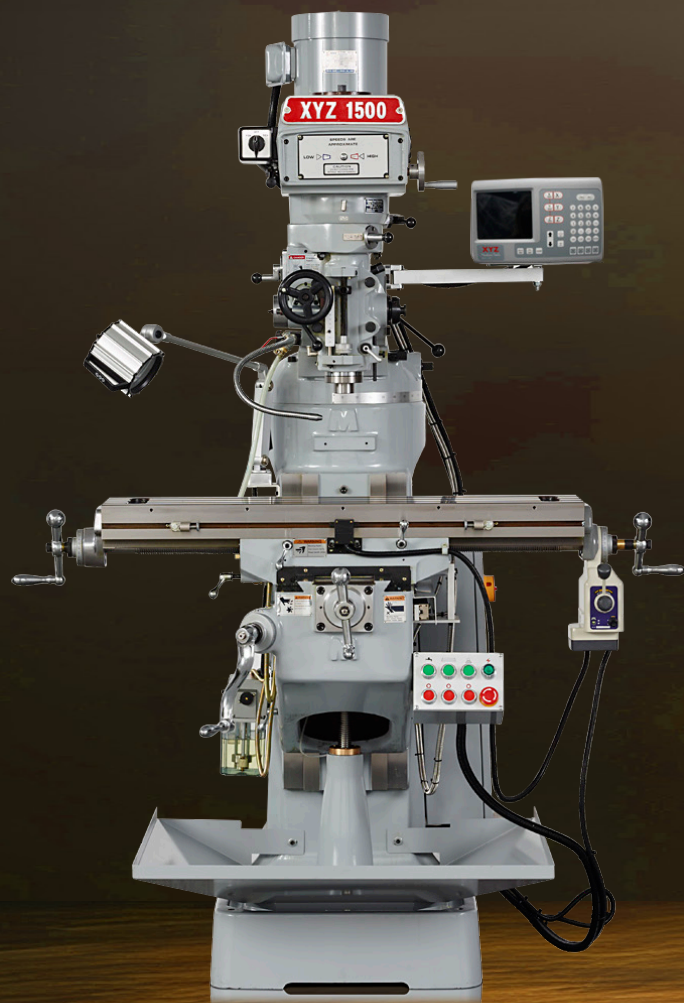
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|-------------------------------|---|
| ■ 3 Axis DRO. | ■ Interlocked Swing and Slide Guarding. |
| ■ X Axis Powerfeed and Rapid. | ■ Air Power Drawbar. |
| ■ Flood Coolant. | ■ Y Axis Powerfeed. |
| ■ LED Worklight. | ■ Millstar Quill DRO. |
| ■ Swarf Tray. | ■ 4 Axis Upgrade. |
| ■ Automatic Lubrication. | ■ Riser Block. |
| ■ 12 Months Warranty. | ■ Right Angled Attachment. |
| | ■ Horizontal Milling Attachment. |
| | ■ LEV Filtration Systems. |

Lathes-Standard Equipment Optional Equipment

- | | |
|---|----------------------------------|
| ■ 3 Jaw Chuck. | ■ 2 Axis DRO. |
| ■ Quick Change Toolpost with 6 Holders. | ■ 4 Jaw Chuck. |
| ■ Flood Coolant. | ■ Collet Chuck. |
| ■ LED Worklight. | ■ Faceplate. |
| ■ Swarf Tray. | ■ Fixed and Travelling Steadies. |
| ■ Centres. | ■ Taper Turning Attachment. |
| ■ Electromagnetic Footbrake. | ■ Bed Stop. |
| ■ Toolpost Guard. | ■ LEV Filtration Systems. |
| ■ 12 Months Warranty. | |



XYZ 1500



XYZ 2000



XYZ SLV


Established Quality and Reliability

With over 40 years of selling these high quality Turret Mills, they are still a great choice for industry and educational establishments requiring manual machining.

Specification	XYZ 1500	XYZ 2000	XYZ SLV
Spindle	2.25kW (3hp)	2.25kW (3hp)	3.75kW (5hp)
Spindle Speeds	50 - 3,500rpm	75 - 4,200rpm	70 - 3,600rpm
Table Size	1,069 x 228mm	1,270 x 254mm	1,473 x 305mm
T Slots	3 off	3 off	3 off
T Slot Size	16mm	16mm	16mm
X Axis Table Travel	610mm	750mm	1000mm
Y Axis Table Travel	305mm	355mm	370mm
Knee Vertical Travel	380mm	406mm	400mm - Powered
Ram Travel	390mm	450mm	450mm
Spindle Taper	R8 (ISO30 Optional)	R8 (ISO30 Optional)	ISO40

Features Include (1500/2000):

- 3 Axis DRO.
- Powerfeed and Rapid in X Axis.
- R8 Spindle.
- Coolant.
- Auto Lubrication.
- LED Worklight.
- Table Guards.
- Swarf Tray.

*Optional Equipment on page 70

Features Include (SLV):

- 3 Axis DRO.
- Powerfeed and Rapid in X and Y Axis.
- Power Rise and Fall.
- ISO40 Spindle.
- Coolant.
- Auto Lubrication.
- LED Worklight.
- Table Guards.
- Swarf Tray.

*Optional Equipment on page 70

For improved efficiency, and time savings, please see our ProtoTRAK® range of KMX and RMX Mills on pages 9 to 28.

XYZ I330 TRAINER

XYZ I340 TRAINER

XYZ I330 VS TRAINER

XYZ I340 VS TRAINER



Proven Quality Lathes

The XYZ Trainer Lathes have unrivalled quality, making them excellent machines for many organisations, especially education. With a range of options available, there is a specification which fits your requirements and workshop space.

Specification	XYZ I330 Trainer	XYZ I330 VS Trainer
Swing Over Bed	330mm	330mm
Swing in Gap	510mm (Optional)	510mm (Optional)
Gap in Front of Faceplate	150mm (Optional)	150mm (Optional)
Swing Over Cross Slide	190mm	190mm
Distance Between Centres	750mm	750mm
Cross Slide Travel	145mm	145mm
Spindle	2.25kW (3hp)	2.25kW (3hp)
Spindle Speeds	53 - 2,000rpm	40 - 2,500rpm
Spindle Nose	D1-4	D1-4
Spindle Bore	35mm	35mm

Specification	XYZ I340 Trainer	XYZ I340 VS Trainer
Swing Over Bed	330mm	330mm
Swing in Gap	510mm (Optional)	510mm (Optional)
Gap in Front of Faceplate	150mm (Optional)	150mm (Optional)
Swing Over Cross Slide	190mm	190mm
Distance Between Centres	1,000mm	1,000mm
Cross Slide Travel	145mm	145mm
Spindle	2.25kW (3hp)	2.25kW (3hp)
Spindle Speeds	53 - 2,500rpm	40 - 2,500rpm
Spindle Nose	D1-4	D1-4
Spindle Bore	35mm	35mm

Features Include:

- 3 Jaw Chuck.
- Quick Change Toolpost with 6 Holders.
- Electromagnetic Footbrake.
- Geared or Vari-Speed Head.
- Centres.
- Interlocked Chuck Guard.
- Toolpost Guard.
- Worklight.
- Coolant System.
- Removable Swarf Tray.

*Optional Equipment on page 70

XYZ I530 VS**XYZ I550 VS**

Built For Stability With a Solid Structure

Having sold in excess of 10,000 Manual Lathes and Turret Mills, we know what a customer wants and needs from these machines.

Specification	XYZ I530 VS	XYZ I550 VS
Swing Over Bed	390mm	390mm
Swing in Gap	610mm	610mm
Gap in Front of Faceplate	150mm	150mm
Swing Over Cross Slide	240mm	240mm
Distance Between Centres	730mm	1,230mm
Cross Slide Travel	230mm	230mm
Spindle	5.75kW (7.5hp)	5.75kW (7.5hp)
Spindle Speeds	20 - 2,500rpm	20 - 2,500rpm
Spindle Nose	D1-6	D1-6
Spindle Bore	54mm	54mm

Features Include:

- 3 Jaw Chuck.
- Quick Change Tool Post with 6 Holders.
- Electromagnetic Footbrake.
- Geared or Vari-Speed Head.
- Centres.
- Interlocked Chuck Guard.
- Toolpost Guard.
- Worklight.
- Coolant System.
- Removable Swarf Tray.

**Optional Equipment on page 70*

XYZ 1020



XYZ 4060



LARGER
GRINDERS
AVAILABLE

Specification	XYZ 1020	XYZ 1224	XYZ 1632	XYZ 2040	XYZ 2060	XYZ 2480
Magnetic Chuck Size	250 x 500mm	300 x 600mm	406 x 812mm	500 x 1,000mm	500 x 1,500mm	600 x 2,000mm
Max Grinding Length	500mm	600mm	800mm	1,000mm	1,500mm	2,000mm
Max Grinding Width	250mm	300mm	400mm	500mm	500mm	600mm
Max Table Surface to Spindle Centre	500mm	500mm	550mm	600mm	600mm	760mm
Longitudinal Travel (Hydraulic)	550mm	650mm	860mm	1,150mm	1,650mm	2,150mm
Longitudinal Feeds	5 - 25 M/min	5 - 25 M/min	5 - 25 M/min	5 - 25 M/min	5 - 25 M/min	5 - 25 M/min
Cross Travel	270mm	350mm	450mm	550mm	550mm	660mm
Cross Travel - Auto Increment	0.1 - 12mm	0.5 - 20mm	0.5 - 20mm	0.5 - 20mm	0.5 - 20mm	0.5 - 20mm
Cross Feed Travel per Revolution	5mm	5mm	5mm	5mm	5mm	5mm
Cross Feed Handle Graduation	0.02mm	0.02mm	0.02mm	0.02mm	0.02mm	0.02mm
Down Feed Travel per Revolution	2mm	2mm	2mm	N/A (MPG)	N/A (MPG)	N/A (MPG)
Down Feed Handle Graduation	0.01mm	0.01mm	0.01mm	0.01mm (MPG)	0.01mm (MPG)	0.01mm (MPG)
Spindle	1.5kW (2hp)	3.75kW (5hp)	3.75kW (5hp)	7.5kW (10hp)	7.5kW (10hp)	7.5kW (10hp)
Spindle Speeds	3,000rpm	1,450rpm	1,450rpm	1,450rpm	1,450rpm	1,450rpm
Hydraulic Motor Power	1hp	1hp	2hp	3hp	3hp	5hp
Grinding Wheel Diameter	180mm	355mm	405mm	405mm	405mm	405mm
Grinding Wheel Width	12mm (19mm max)	38mm	50mm	50mm	50mm	50mm
Grinding Wheel Bore	31.75mm	12mm	12mm	12mm	12mm	12mm
Machine Weight	1,550kg	1,700kg	2,300kg	5,700kg	7,200kg	8,700kg

High Precision and Smooth Finishes

The XYZ Grinders are used to produce smooth, flat surfaces on metallic or non-metallic materials with high precision. With a range of sizes available, there will be a machine to suit your requirements.

Features Include:

- Electromagnetic Chuck.
- Demagnetiser.
- Coolant.
- Coolant Tank with Basic Swarf Extraction.
- Worklight.
- Wheel Dresser.

Optional Equipment:

- Programmable Auto Incremental Downfeed.
- 2 Axis DRO.
- Hydraulic Wheel Dresser.
- Full or Semi Enclosed Guarding.
- LEV Filtration Systems.

XYZ 260

Horizontal Bandsaw

Capable of cutting a variety of materials with versatility, precision and safety.

Specification	XYZ 260
Capacity	260mm Round Bar
Motor	1.5kW (2hp)
Feeds	21, 34, 43, 60 M/min
Blade Size	25 x 0.9 x 3,300mm
Footprint	1,730 x 760 x 1,130mm
Weight	390kg

Features Include:

- Fast & Accurate Blade Tensioning.
- 90 Degree to 45 Degree Mitering.
- Vertical Guide Arms Carrying Carbide Faced Guides.
- Convenient Controls.

XYZ FAST TAP

Highly Efficient & Versatile

Our Fast Tap range brings various finishes in a speedy manner to help increase your efficiency with vertical and horizontal tapping.

Features Include:

- Reaming.
- Chamfering.
- Countersinking.
- Spot Facing.

Specification	XYZ FT 1000	XYZ FT 800	XYZ FT 400	XYZ FT 90
Max Capacity in Steel	M6	M10	M12	M16
Max Capacity in Aluminium	M8	M12	M14	M24
Speed (No Load)	1,000rpm	700rpm	300rpm	90 / 250rpm
Air Pressure Required	90 psi 20 CFM	90 psi 26 CFM	90 psi 26 CFM	90 psi 30 CFM

Download the latest Tooling Guide from the website at <https://newspares.xyzmachinetools.com/>



Terms and Conditions

XYZ MACHINE TOOLS LIMITED TERMS AND CONDITIONS OF SALE

Please read this document carefully as all goods sold by XYZ Machine Tools Limited will be supplied subject to these terms and conditions of sale.

1. Definitions

1.1 In these terms and conditions, the following definitions shall apply:

"Company" means XYZ Machine Tools Limited (company number 1765883) whose registered office is at Woodlands Business Park, Burlescombe, Tiverton, Devon, EX16 7LL.

"Purchaser" means the person, firm or company placing an order for Goods.

"Goods" means the goods described in the Confirmed Order.

"Confirmed Order" means an order for the Goods as confirmed by the Company under clause 3.4

"Due Date" means the date referred to in clause 6.1.

1.2 Any reference in these terms and conditions to any provision of a statute shall be construed as a reference to that provision as amended, re-enacted or extended at the relevant time.

2. Contract

2.1 These terms and conditions apply to all contracts for the sale of Goods by the Company to the Purchaser. No variation will be effective unless agreed in writing by a director of the Company.

2.2 The Company's employees or agents are not authorised to make any representations concerning the Goods unless confirmed by the Company in writing. Any advice or recommendation given by the Company or its employees or agents to the Purchaser which is not confirmed in writing is followed or acted upon entirely at the Purchaser's own risk.

2.3 The descriptions and illustrations contained in the Company's catalogues, price lists, specifications and other advertisement matter are intended merely as an indication of the type of goods described therein and none of the above shall form part of any contract with the Purchaser.

3. Order and Acceptance

3.1 The Company will provide the Purchaser with a written quotation for the Goods. Any order made by the Purchaser against such quotation constitutes an offer by the Purchaser to buy the Goods.

3.2 The Purchaser shall be responsible to the Company for the accuracy of any information contained in its order.

3.3 Any Goods from stock are subject to availability at the time an order is submitted by the Purchaser.

3.4 No order submitted by the Purchaser shall be deemed to be accepted by the Company unless and until confirmed in writing by the Company.

3.5 The quantity and description of the Goods shall be as specified in, or referred to, in the Confirmed Order.

3.6 No Confirmed Order may be cancelled by the Purchaser except with the agreement in writing of the Company and on terms that the Purchaser shall indemnify the Company in full against all costs (including the cost of all labour and materials used), damages, charges and expenses incurred by the Company as a result of cancellation.

3.7 A separate contract shall arise in respect of each Confirmed Order.

4. Price of the Goods

4.1 The price for the Goods shall be the price set out in or referred to in the Confirmed Order (or, in the case of any error or omission, as subsequently notified by the Company to the Purchaser) provided the Company may increase the price for any reason under clause 6.2.

4.2 The price is exclusive of Value Added Tax.

4.3 The price is exclusive of delivery charges. If the Purchaser requires delivery of the Goods the Company reserves the right to add to the price the cost of any packaging, carriage and/or insurance.

4.4 The price is exclusive of any duties, imposts and levies. The price for any imported parts incorporated in the Goods may be subject to fluctuation and the Purchaser agrees that any Confirmed Order is based on the current rate of import duty and rate of exchange at the time of the Confirmed Order unless otherwise specified.

4.5 Unless otherwise agreed in writing, payment shall be made in pounds sterling, and if the price for the Goods is quoted by the Company in a currency other than pounds sterling payment shall be calculated at the rate of exchange at the time of the Confirmed Order.

5. Delivery

5.1 The Company will use reasonable endeavours to deliver on any date indicated in the Confirmed Order for the delivery of Goods but delivery dates should be regarded as approximate only and delivery time shall not be of the essence of the contract.

5.2 Delivery shall take place when the Company notifies the Purchaser that the Goods are ready for collection from the Company's premises unless the Purchaser has required the Company to make delivery at the Purchaser's premises in which case delivery shall take place when the Goods are delivered to such premises and off loaded from the transporting vehicle.

6. Terms of Payment

6.1 Payment for the Goods shall be made by the Purchaser to the Company immediately upon delivery of the Goods or, if otherwise agreed between the Company and the Purchaser, within 30 days after the end of the month of despatch by the Company of an invoice for the Goods.

6.2 If the Company is unable to effect delivery or despatch the Goods by reason of the Purchaser failing to take delivery of the Goods or by reason of the Purchaser's instructions or lack of instructions the Company shall be entitled to notify the Purchaser that the Goods are ready for delivery or despatch and to add to its invoice reasonable additional carriage for insurance and/or storage costs resulting from the delay in delivery or despatch of the Goods.

6.3 Time for payment shall be of the essence.

6.4 If the Purchaser fails to make any payment on the Due Date then, without prejudice to any other right or remedy available to the Company, and without incurring any liability for any loss or damage caused to the Purchaser, the Company shall be entitled to:

a. cancel any Confirmed Order and/or suspend any further deliveries of goods to the Purchaser;

b. appropriate any payment made by the Purchaser to such of the Goods (or goods supplied under any other contract between the Company and the Purchaser) as the Company may think fit; and

c. charge the Purchaser interest (both before and after judgement) on the amount unpaid at the rate of 6 per cent per annum above the Bank of England base rate from time to time or the statutory rate applicable under The Late Payments of Commercial Debts (Interest) Act 1998 as amended (whichever is greater), in either case such interest to accrue on a daily basis from the Due Date until the date of actual payment.

7 Risk and Property

7.1 The risk of damage to or loss of the Goods shall pass to the Purchaser at the time of delivery or, if the Purchaser fails to take delivery of the Goods, at the time when the Company has tendered delivery of the Goods.

7.2 Notwithstanding delivery and the passing of risk in the Goods or any other provision of these terms and conditions the property in the Goods shall not pass to the Purchaser until the Company has received in cash or in cleared funds:

a. payment in full of the price of the Goods, and

b. payment in full for all other goods agreed to be sold by the Company to the Purchaser for which payment is then due or accruing due.

7.3 Until such time as the property in the Goods passes to the Purchaser:

a. the Purchaser shall hold the Goods as the Company's fiduciary agent and bailee and shall keep the Goods properly stored and insured for the Company's benefit and identified as the Company's property; and

b. the Company shall be entitled at any time to require the Purchaser to deliver up the Goods to the Company and if the Purchaser fails to do so the Company, its employees and/or its agents may forthwith enter upon any premises of the Purchaser or any third party where the Goods are stored and repossess the Goods; and

All details contained within this catalogue are accurate at the time of going to press, but please be aware that XYZ Machine Tools Ltd has a policy of continuous development. Because of this some details may be subject to change without prior notice. Please be sure to confirm all specifications and details prior to ordering.

c. the Purchaser shall afford the Company inspection of any documents relating to such Goods for the purpose of tracing them.

7.4 The Purchaser shall not be entitled to pledge, or purport to pledge or in any way charge or purport to charge by way of security for any indebtedness, any of the Goods which remain the property of the Company.

8 Acceptance of Goods

The Purchaser shall be responsible for inspecting the Goods:

a. where they are collected by the Purchaser (or its agent) from the Company's premises, at the time of collection; or

b. where they are delivered to the Purchaser's premises, within 3 working days of delivery and shall at the relevant time notify the Company if the Purchaser shall consider the Goods to be in any way damaged, unsatisfactory or otherwise not in conformity with the contract. In the absence of such notification the Purchaser shall be deemed to have accepted the Goods.

9. Warranty

9.1 Subject to the conditions of this clause and of clause 10 the Company warrants that Goods will at their time of acceptance under Clause 8, remain free from defects in material and workmanship for the shorter of a period of 12 months or for 2000 hours of use.

9.2 The above warranty is given by the Company subject to the following conditions;

a. the Company shall be under no liability in respect of any defect arising from wilful damage, negligence, failure to follow the Company's instructions, misuse, alteration to the Goods (including by the removal of any guard or cover) or repair of the Goods in each case by the Purchaser, its employees or agents;

b. that it does not extend to parts, materials or equipment not manufactured by the Company, in respect of which the Purchaser shall only be entitled to the benefit of any warranty or guarantee given by the relevant manufacturer;

c. the Company shall be under no liability if full payment for any of the Goods has not been made by the Due Date.

9.3 Subject as expressly provided in these terms and conditions and except where the Goods are sold to a person dealing as a consumer (within the meaning of the Unfair Contract Terms Act 1977) all warranties and conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law. Where Goods are sold to a consumer the statutory rights of the consumer are not affected by these terms and conditions.

9.4 Without prejudice to clause 9.2 (b) any claim made by the Purchaser which is based on any defect in the quality or condition of the Goods

shall be notified to the Company in writing within 14 days from the date on which the defect or failure became apparent. Where such a claim is notified to the Company, the Company shall be given the opportunity of remedying the defect or failure and supplying (where necessary) replacement parts and completion of such remedial work shall constitute fulfilment of the Company's obligations under the contract. Remedial work and replacement parts will be provided free of charge, provided the Purchaser at its own cost returns to the Company the relevant Goods.

9.5 Without prejudice to clause 9.4 the Company at its sole discretion shall be entitled to refund the Purchaser the price of the Goods and shall have no further liability to the Purchaser under the contract.

9.6 Except in respect of death or personal injury caused by the negligence of the Company the total liability of the Company to the Purchaser under this contract shall not exceed the price of the Goods.

9.7 Except in respect of death or personal injury caused by the negligence of the Company, the Company shall not be liable to the Purchaser by reason of any representation (unless fraudulent), warranty, condition or other term of the contract for any loss or damage (whether for loss of profit or goodwill), for consequential loss which arise out of or in connection with the supply of the Goods.

9.8 The Company shall not be liable to the Purchaser or be deemed to be in breach of the contract by reason of any delay in performing or any failure to perform the Company's obligations in relation to the Goods if the delay or failure was due to any cause beyond the Company's reasonable control. Without prejudice to the generality of the foregoing, the following shall be regarded as causes beyond the Company's reasonable control

a. act of God, explosion, flood, tempest, fire or accident;

b. war or threat of war, sabotage, insurrection, civil disturbance;

c. acts, restrictions, regulations, byelaws, prohibitions or measures of any kind on the part of any governmental, parliamentary or local authority;

d. import or export embargoes;

e. strikes, lock outs, or any other industrial actions or trade disputes (whether involving employees of the Company or a third party);

f. difficulty in obtaining labour, fuel, parts or Goods from their manufacturer.

10. Acknowledgements by the Purchaser

Without prejudice to clause 9.2 (a) the Purchaser acknowledges by placing an order for the Goods:

a. that if the Goods are incorrectly installed the Goods may cause serious danger to persons and property and that the Purchaser accepts responsibility for the proper installation of the Goods; and

b. the Purchaser must use the Goods in a safe manner and comply with all applicable health and safety laws and regulations when instructing its employees or agents in the use of the Goods; and

c. that it has read these terms and conditions and that it considers these terms and conditions are reasonable.

11 Indemnity

11.1 Certain component parts incorporated into the Goods may have intellectual property rights belonging to their original manufacturer and may not be reproduced, altered or used in any way without the written permission of the manufacturer.

11.2 The Purchaser will indemnify the Company and keep it indemnified against all damages, penalties, costs and expenses for which the Company becomes liable as a result of third party claims or demands made against the Company as a result of the failure of the Purchaser to comply with any of its obligations under the contract.

12 Notices

Any notice under the contract shall be properly given in writing and sent by first class post or facsimile transmission or by electronic mail to the address of the intended recipient as stated in the contract or to such address as the Company and the Purchaser from time to time communicate to each other as their respective addresses for service and shall be deemed served, in the case of postal notice, on the expiry of 24 hours from time of posting or, if by facsimile transmission or electronic mail, at the time of transmission provided that a facsimile or electronic mail confirmatory receipt is obtained by the sender.

13 General

13.1 If any provision of these terms and conditions is held by any competent authority to be invalid or unenforceable in whole or in part the validity of the other provisions of these terms and conditions and the remainder of the provision in question shall not be affected thereby.

13.2 These terms and conditions and any contract incorporating them shall be governed by and construed in accordance with English Law and all disputes hereunder shall be submitted to the non-exclusive jurisdiction of the English courts.

14 Non-transferable

14.1 The Purchaser's rights and obligations under this contract shall not be transferred or assigned directly or indirectly either in part or whole to any third party without the prior written consent of the Company.

14.2 Unless otherwise agreed between the Company and the Purchaser a person who is not party to this contract has no right under the Contracts (Rights of Third Parties) Act 1999 to enforce any terms of this contract but this does not affect any right or remedy of a third party which exists or is available apart from that Act.

15 Termination

Without prejudice to clause 6.4 the Company shall be entitled to cancel the contract with the Purchaser in the following circumstances;

a. if a petition is presented for the winding up, administration or bankruptcy of the Purchaser, if the Purchaser has a receiver appointed in respect of its assets or any other insolvency proceedings are commenced by or against it;

b. if any distress or execution is levied upon the Purchaser, its property or assets;

c. if the Purchaser ceases, or threatens to cease to carry on business;

d. if the Company reasonably apprehends that any of the events mentioned in clauses (a)-(c) above are about to occur in relation to the Purchaser and notifies the Purchaser accordingly; in each case without incurring any liability for any loss or damage caused to the Purchaser and without prejudice to the Company's rights to payment under clauses 3, 6 and 11.2.

XYZ

Machine Tools

XYZ across the UK

XYZ DEVON Main Factory and Administration

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Tiverton, Devon, EX16 7LL

XYZ NUNEATON

5/6 Tungsten Court, Hemdale Business Park,
Nuneaton, CV11 6GZ

XYZ SHEFFIELD (Ceratizit Showroom)

Advanced Manufacturing Park, Unit 15, Whittle Way,
Sheffield, S60 5BL

XYZ HUDDERSFIELD

Innovation 25, Unit 7, Bradley Business Park,
Dyson Wood Way, Huddersfield, HD2 1ZT

XYZ LIVINGSTON

Unit 7, Nasmyth Court, Houstoun Industrial Estate,
Livingston, EH54 5EG



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