

## XYZ 1060 HS

Spindle: 21kW (28hp) 12,000 rpm

Table Size: 1,200 x 600mm

Travels: 1,020 x 610 x 620mm

Machine Weight: 7,500kg

**SIEMENS**  
Touchscreen



Shown with **SIEMENS** control  
Touchscreen

## The XYZ 1060 High Speed - the flagship of the XYZ VMC range.

This high accuracy and high speed Vertical Machining Centre is equipped with the latest control technology from Siemens, the 840DSL or SINUMERIK ONE Touchscreen control. The 1060 has top of the line THK linear roller bearings making it capable of modern fast machining for use in the aerospace and mouldmaking industries where precision is of paramount importance.

The **XYZ 1060 HS** can easily be upgraded to 4 or 5 axis.



# XYZ 1060 HS

## Standard Equipment

- Siemens 840DSL High Speed ShopMill 19" Touchscreen Control.
- 12,000 rpm Oil Cooled Spindle.
- 43 M/min Rapids.
- Temperature Controlled Ballscrews.
- Temperature Controlled Spindle.
- Pneumatically Counter Balanced Head.
- 30 Station Arm Type.
- High Pressure Coolant.
- Through Spindle Coolant.
- Coolant Washdown.
- Swarf Conveyor & Bin.
- Optimised Digital Servo Drives.
- Hard Drive and Networking.
- Rigid Tapping.
- Remote Electronic Handwheel.
- High Speed Concertina Guards.
- Stainless Steel Floor Pan.
- Powder Coated Guarding.
- USB Port.
- Networking.

## Optional Equipment

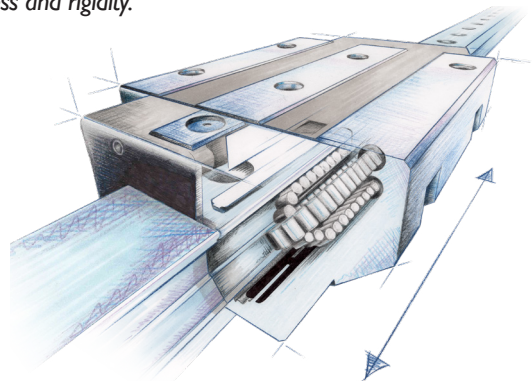
- 4th Axis Rotary Table.
- 5th Axis Rotary Table.
- 15,000 rpm Direct Drive Spindle.
- Linear Scales.
- Offline Programming.
- Renishaw/Heidenhain Toolsetting and Probing.
- Contour Handwheel (*wind the handwheel to run through the program*).
- Advanced Swarf Management System.

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	18mm
T Slot Number & Pitch	5 off @125mm Pitch
Spindle Speeds	12,000 rpm (15,000 Opt)
Spindle Motor	21kW (28hp)
Spindle Taper	BT40 (SK & Cat Opt)
Toolchanger	30 Station Arm Type
Toolchange Time	2.5 secs
Max Tool Diameter	76mm
Max Tool Weight	8kg
Coolant Tank Capacity	300L
Ballscrew (Grade C3)	40mm Dia P16
AC Digital Servo Motors Max Torque	X = 27 Nm / Y = 27 Nm Z = 36 Nm
Machine Weight	7,500kg
Footprint	4,400 x 3,290 x 3,250mm

Conforming to ISO 10791	
Positional accuracy	+/- 5 microns
Repeatability	+/- 2 microns
Circularity over 300mm	6 microns
Geometric accuracy over 300mm	6 microns

## With Linear Roller Bearing Slides

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



Part of the **XYZ Catalogue 2024/25** which includes:  
**ProtoTRAK® Turret Mills.**  
**ProtoTRAK® Bed Mills.**  
**ProtoTRAK® TMCs.**  
**Vertical Machining Centres.**  
**5 Axis Simultaneous VMCs.**  
**Manual Mills & Lathes.**  
**Grinders.**  
**Tooling & Accessories.**



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