

XYZ 4000 TCM

4,000 x 800 mm TABLE
4,000 x 800 x 600 mm TRAVEL
8,000 RPM SPINDLE
SOLID CASTING 22,000 KG

XYZ 6000 TCM

6,000 x 800 mm TABLE
6,000 x 800 x 600 mm TRAVEL
8,000 RPM SPINDLE
SOLID CASTING 25,000 KG

XYZ 8000 TCM

8,000 x 800 mm TABLE
8,000 x 800 x 600 mm TRAVEL
8,000 RPM SPINDLE
SOLID CASTING 28,000 KG

XYZ 10000 TCM

10,000 x 800 mm TABLE
10,000 x 800 x 600 mm TRAVEL
8,000 RPM SPINDLE
SOLID CASTING 32,000 KG

SIEMENS
Touchscreen

HEIDENHAIN
Touchscreen



The perfect Aerospace production platform with up to 10,000 mm on the X axis.

Introducing the large X axis range of Travelling Column Machines, perfect for those large Aerospace/Energy components. Make easy work of those big aerospace components with the XYZ range of large X-axis Travelling Column machines. The machines benefit from the latest Siemens or Heidenhain control featuring advanced and easy to program conversational software, along with 'roller' linear ways that ensure optimum precision and speed.

XYZ 4000 TCM

XYZ 6000 TCM

XYZ 8000 TCM

XYZ 10000 TCM

Standard Equipment

Siemens 828D ShopMill Touchscreen Control
or Heidenhain TNC 620 Touchscreen Control.

X axis linear scale.

Full splash guard.

Coolant and Wash-down.

Auto lubrication pump.

8,000 rpm spindle, BT40.

X/Y/Z rapid 24 M / Min.

24 station Arm Type ATC.

Metal telescopic cover for 3 axis.

Swarf Auger with bin.

Optional Equipment

12,000 rpm spindle and cooler.

BT50 spindle.

Tilt head (B axis).

Two speed gearbox.

Through spindle coolant.

Upgrade to 30 station ATC.

Swarf Conveyor and bin.

Linear Scales.

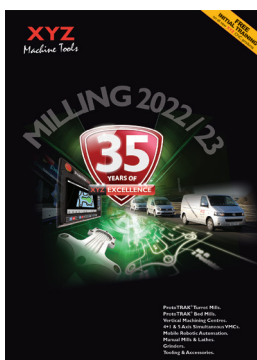
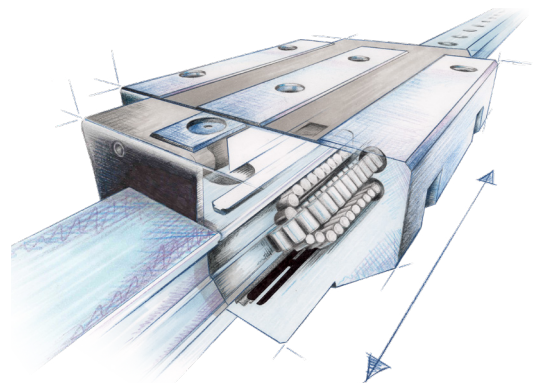
Contour Handwheel

(wind the handwheel to run through the program).

	XYZ 4000, 6000, 8000 and 10000 TCM
Table size (W x L)	800 mm x / 4,000 / 6,000 / 8,000 / 10,000 mm
Travelling column X axis	4,000 / 6,000 / 8,000 / 10,000 mm
Y axis travel	800 mm
Z axis travel	600 mm (800 mm optional)
Spindle taper	BT 40 (BT 50 optional)
Spindle speed	60 - 8,000 rpm 15 HP
Spindle S1 continuous	15 kW / 20 HP
S2-30 mins	18 kW / 24 HP
S6 25% (2.5 mins in 10)	28.5 kW / 38 HP
X / Y / Z axis rapid	24 M / min
Cutting feedrate	1-24,000 mm / min
X axis transmission	Backlash free dual gearbox with GUDEL (Swiss made) high precision gear rack.
Z & Y axis	Ballscrew
X / Y / Z slide way	Roller linear way
Weight	22,000 Kg / 24,000 Kg / 26,000 Kg / 32,000 Kg

With Linear Roller Bearing Slides

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



Part of the **XYZ Milling**
Catalogue which includes:
ProtoTRAK® Turret Mills.
ProtoTRAK® Bed Mills.
Vertical Machining Centres.
4+1 & 5 Axis Simultaneous VMCs.
Mobile Robotic Automation.
Manual Mills & Lathes.
Grinders.
Tooling & Accessories.



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