



# Teach in CNC Milling machine machining center

## Description

Courses xyz: 1600 x 660 x 635mm, 8000 rpm spindle, Net machine weight 6500Kg

**The only all-in solution for single pieces, prototypes and series work.**

The only all-in solution for milling single pieces, prototypes and serial work

XYZ 1600 TMC giving the workshop a competitive edge.

- ✓ Dutch-language operation
- ✓ up to twenty times faster than a manual machine
- ✓ from simple to complex workpieces
- ✓ unique safety features
- ✓ excellent quality
- ✓ save every program including photos and notes
- ✓ quickly available
- ✓ safe and clean workshop

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- ProtoTRAK Touchscreen RMX control
- 20-way tool changer
- Ready for cooling through the spindle
- Jog handwheel
- li>
- Optimized Digital Servos
- Cooling pump installation
- Machine lighting
- 'Easy Clean' chip tray with pump
- 12-way tool changer
- li>
- Steel shields of all axes
- Powder coated shields
- Pull Studs
- USB connections
- Network connection

### Options:

XYZ handwheels and tracking function

12 000 RPM spindle

Cooling through the spindle

4th axis

Tool cart and setter

**But also:**

- Automatic chip removal
- Side panels with windows
- Offline software
- li>
- DXF converter
- Parasolid Converter
- LNS Air filter extraction
- Oil skimmer
- Extra LED lighting

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**Software Pack Advanced Feature:**

- Advanced Adaptive Tool Path
- Programmable Tool Path
- Fine Tool Entry< /li>
- Complete comments for each operation
- Create tool library
- Chip Clear function
- Multiple zeros function
- Copy operations, mirror, rotate tap after drilling.
- Engraving
- Thread milling
- Simulate, solid view
- Rest machining automatically calculates tool path for remaining material milling away
- G-code editor
- Clipboard

**Handwheels and tracking function**

- With the three electronic handwheels you have every axis at your fingertips, perfect for manual milling or drilling work.
- The 'FOLLOW' function lets you progress through the program at the speed you turn the handwheel. This will prevent any collision.



## Extra information

Item number	XB19326	
Model	XYZ 1600 TMC	
EAN	8718242581431	
Article group	HUVEMA Machines productie XYZ, CNC	
Brand	XYZ	
Features	X rate	1600 mm
	Y rate	660 mm
	Z rate	635 mm
	Table dimensions	1600 x 660 mm
	Center spindle to column	750 mm
	Spindle to table	105 – 740 mm
	Column to center table	370 – 1030 mm
	Rapid XYZ axis	20000 mm/min
	Power range	1–20000 mm/min
	Max weight on the table	1000 kg
	T slot size	18 mm
	T-slot, number and pitch	5 @ 100 mm
	Spindle speeds	5–8000 rpm
	Spindle recording	BT 40
	20-way tool changer	yes
	Changeover time between 2 tools	8 sec
	Maximum tool diameter in the changer	80 mm
	Maximum tool weight in the changer	8 kg
	Cooling box capacity	160 L
	Ball screw dimensions: (grade C3) 40 mm P12	yes
	AC servo motor X and Y 10Nm Z 15Nm	yes
	Dimensions W x D x H	4000 x 2650 x 3000 mm
	Engine power	11 kW
Voltage	400 V	
Weight	6500 kg	
Article group code	2187882	

# Product images

