



# Teach in CNC Milling machine machining center

## Description

Courses xyz: 1000 x 500 x 500mm, 8000 rpm spindle, Net machine weight 4600Kg

**ProtoTRAK TMC, The very first 3-in-1 machine. Unique just like your work.**

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

XYZ 1000 TMC making a standard machine something more versatile.

- ✓ Dutch 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
- ProtoTRAK Touchscreen RMX control
  - 20-fold tool changer
    - < li>Prepared for cooling through the spindle
  - Jog handwheel
  - Optimized Digital Servos
  - Cooling pump installation
  - Machine lighting
  - 'Easy Clean' chip tray with pump
  - 12 tool changer
  - Steel guards on all shafts
  - Powder coated guards
  - Pull Studs< /li>
  - USB connections
  - Network connection

### Options:

XYZ handwheels and tracking function

12 000 Spindle rpm

Cooling through the spindle

4th axis

Tool cart and adjuster

**But also:**

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

**Software Pack advanced feature:**

- Advanced adaptive tool path
- Programmable tool path
- Fine tool entry
- Complete comments for each operation
- Create tool library
- Chip Clear function
- Multiple zeros function
- Copy operations, mirror, rotate, tap after drilling.
- Engraving
- Milling threads
- Simulate, solid view
- Rest machining automatically calculates tool path for milling away residual material
- 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 'FOLLOWING' function lets you step through the program at the speed you turn the handwheel. This will prevent any collision.



## Extra information

Item number	XB19324	
Model	XYZ 1000 TMC	
EAN	8718242581417	
Article group	HUVEMA Machines productie XYZ, CNC	
Brand	XYZ	
Features	X rate	1000 mm
	Y rate	500 mm
	Z rate	500 mm
	Table dimensions	1060 x 500 mm
	Center spindle to column	532 mm
	Spindle to table	100 – 600 mm
	Column to center table	382 – 782 mm
	Rapid XYZ axis	20000 mm/min
	Power range	1–20000 mm/min
	Max weight on the table	800 kg
	T slot size	16 mm
	T-slot, number and pitch	4 @ 125 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	7 kg
	Cooling box capacity	160 L
	Ball screws dimensions: (grade C3) 32 mm P8	yes
	AC servo motor X and Y 5Nm Z 10Nm	yes
	Dimensions W x D x H	2530 x 2200 x 2500 mm
Engine power	11 kW	
Voltage	400 V	
Weight	4600 kg	
Article group code	2187880	

# Product images

