

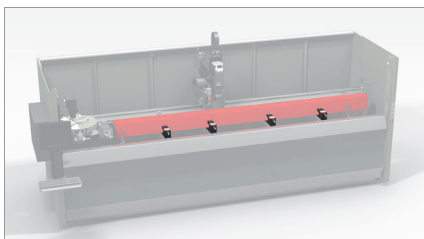


emmegi

Aluminium

Steel  
Pvc

en #3



Vices

01

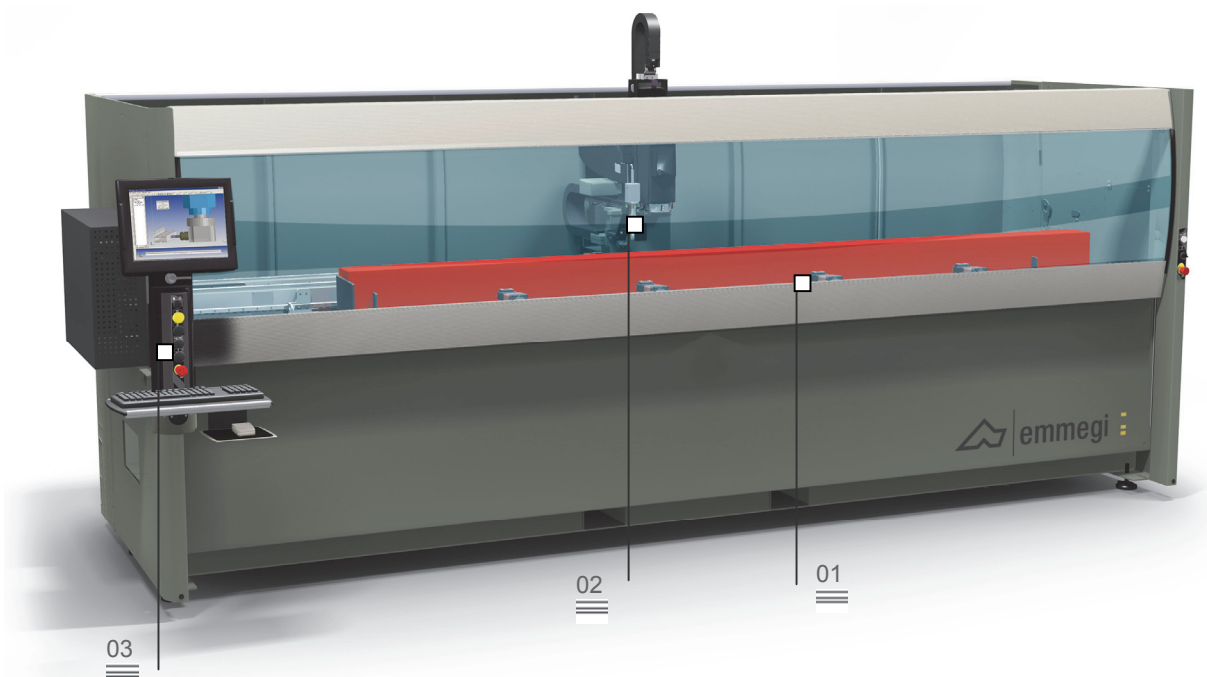


Electro-spindle

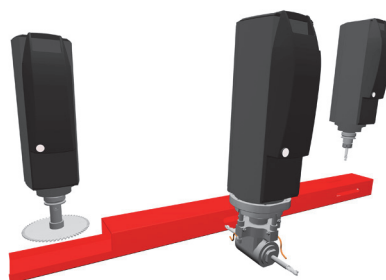
02

# Phantomatic T3

Milling centre



CNC milling centre with 3 controlled axes, designed for machining operations on bars or workpieces made of aluminium, PVC, light alloys in general or steel up to 3 mm. Through machining operations are possible. It also has a traversing work table which allows easier workpiece loading/unloading and increasing the machinable section considerably.

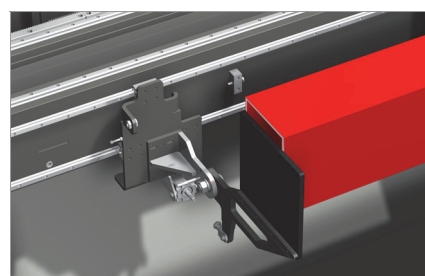
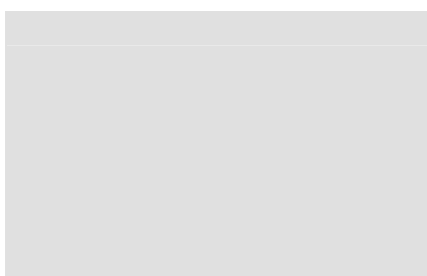


Operator interface

03

Pneumatic stops

04



# Phantomatic T3

Milling centre

## 01 Vices

The vice system is with manual movement and allows very easy positioning of each vice set when clamping on the profile. The position is indicated by the CNC but is measured manually via a metric scale.

## 02 Electro-spindle

The high torque electro-spindle 5.5 kW (S1) also allows heavy duty machining operations typical of the industrial sector. It can be used on certain types of extruded steel sections as well as on aluminium profiles thanks to the availability of a lubrication system programmable by software, whose double tank allows use of minimum quantity oil lubrication or spray mist lubrication with oil emulsion.

## 03 Operator interface

The new version of the control system, with pendant interface, allows the operator to view the monitor from any position, as it is can be pivoted about the vertical axis. The operator interface features a 15" touchscreen provided with all the necessary USB connections for remote interfacing with the PC and N/C. It is also provided with a control panel, mouse and keyboard. It also has predisposition for connection of a barcode reader and remote control panel. An easily accessible front USB socket replaces the floppy disk and CD-ROM drives.

## 05 Pneumatic stops

The machine is provided with rugged stops serving as bar reference: one placed on the right side and the other on the left. Each stop, operated by an air cylinder, is of the drop-away type and is selected (depending on the machining operations to be carried out) by the machine software. The advantages of the double stop can be summed up as follows: it is possible to load two or more profiles for working in multi-piece mode; it is also possible to reposition the bar or section and perform machining operations on especially long profiles.



Single-piece mode



Multi-piece mode max 2 workpieces

<b>AXIS TRAVEL</b>	
X AXIS (longitudinal) (mm)	4300
Y AXIS (cross) (mm)	270
Z AXIS (vertical) (mm)	300
<b>ELECTRO-SPINDLE</b>	
Max. power rating (S1) (kW)	5,5
Max. power rating (S1) (kW) (optional)	7,5
Max. speed (rpm)	20000
Tool taper	HSK 63F
<b>TOOL (manual loading)</b>	
Straight tool	
Two-way angle machining head	
Max. blade size loadable in the tool magazine (mm)	Ø = 180
<b>MACHINABLE FACES</b>	
With straight tool (top face)	1
With angle machining head (side faces and ends)	2 + 2
<b>With blade tool (side faces and ends)</b>	2 + 2
<b>TAPPING CAPACITY (with tap on aluminium and through hole)</b>	
With compensating chuck	M8
Rigid tapping (optional, only with 7.5 kW electro-spindle)	M10
<b>WORKPIECE CLAMPING</b>	
Standard number of vices	4
Max. number of vices	6
Manual vice positioning	