



Italian Woodworking Machinery

**RANGES** Flex / Industrial / Router

# Evolution

800/1000/1200

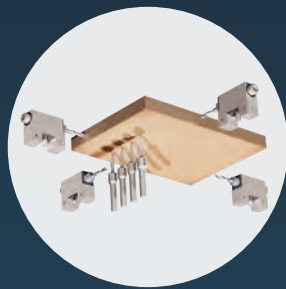
**CNC BORING MACHINES**  
simple

[maggi-technology.com](http://maggi-technology.com)

# Evolution

800/1000/1200

Execution of all operations in one working cycle

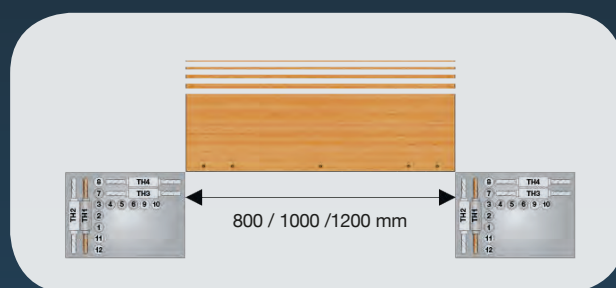


programmir

RANGES

Flex / Industrial / Router

Wooden panels can be drilled over the whole surface with any spindle



ing is simple

# Programming is simple

Simple to program drilling machines, expressly developed for beginners at CNC (Soft-approach)

- 1 WINDOWS OPERATIVE SYSTEM
- 2 PARAMETRIC PROGRAMMING
- 3 MACROS TO AUTOMATE YOUR TASKS
- 4 HELP ON LINE

## 1-Click programming

**maggi** Software is equipped with MACROS (LIGHT) to perform the most common working tasks; more MACROS (PRO) can be added as options to perform more complex milling tasks. Our technicians can develop customised MACRO (CUSTOM) on demand.

### MACRO LIGHT



### MACRO PRO



### MACRO CUSTOM



sim

# Customer service



## ON-LINE ASSISTANCE

At **maggi** Service skilled technicians and software experts are always at disposal for on-line assistance, technical advice and training courses.



## EASY-SPARE PARTS

With a QR code on board the spare-part identification gets easy and fast.



## SPARE-PART SHIPMENT IN 24Hrs

Spare-part identification and shipment within 24 hrs.

# Optionals



## 3D CABINET

3-D Software to design complete pieces of furniture, including accessories, and automatically generate:

- working programs suited for immediate delivery to the CNC and straight execution;
- lists of panels and dimensions;
- list of necessary hardware;
- quotations;
- bar-codes.



## BARCODE READER

With a bar-code reader the upload of a working program is extremely fast.



## OFFICE SOFTWARE

CAD/CAM-software additional licence for PC programming.



## POST-PROCESSOR SPECIFICATIONS

Specifications for importing CAD drawings from other CNC Softwares.



## TOOLBOX

All you need for a good start! A selection of several tools by our technicians.

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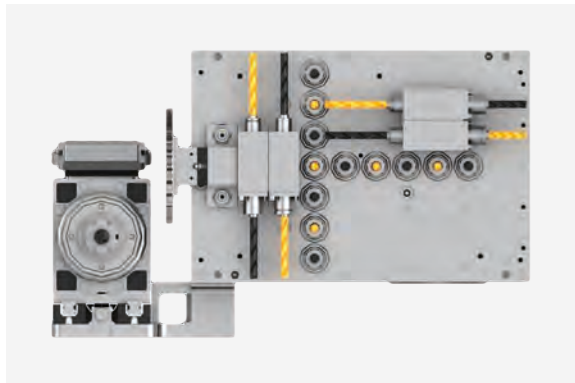
# Evolution Flex



800 / 1000 / 1200

Simple to program CNC borers with modular boring heads to meet your specific working needs.

- MODULAR BORING HEAD
- SIMPLE PROGRAMMING AND INTUITIVE INTERFACE
- STRONG AND STABLE STRUCTURE



## MODULAR BORING HEAD

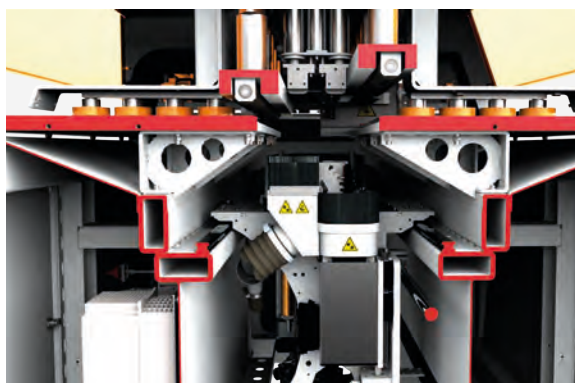
- 7 vertical spindles
- 1 horizontal spindle for drilling back/forth (TH1)

### Configurable options:

- 5 vertical spindles ( a total of 12 vertical spindles)
- Horizontal spindle ( TH2) for drilling back/ forth. In combination with TH1 it allows the operator to drill the two matching holes in one shot.
- Horizontal spindles (TH3) and (TH4) for the processing of 4th and 5th side
- Blade unit for grooving
- Routing unit

## SIMPLE PROGRAMMING AND INTUITIVE INTERFACE

**maggi** Software is very simple to program and has an extremely intuitive interface, which make it widely accessible to all user categories for fast and easy learning.



## STRONG AND STABLE STRUCTURE

The whole structure is tested in industrial domain and built to withstand intense work over the time.

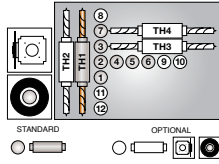
# Data sheet



## Evolution Flex

### STANDARD

### OPTIONAL



Boring-Head Equipment

7 vertical spindles;  
1 horiz. spindle TH1 for drilling back/forth;  
1 controlled laser reference.

Up to 5 additional vertical spindles;  
1 horiz. spindle TH2 for drilling back/forth;  
1 horiz. spindle TH3 for side drilling;  
1 horiz. spindle TH4 for side drilling;  
1 blade unit;  
1 independent routing unit with collet chuck type ER 25  
max. diam. 16mm, kW 2,2 / 18.000 rpm.



Panel Dimensions

	MIN (mm)	MAX (mm)
X	300	∞*
Y	75	800 / 1.000 / 1.200
Z	8	60*

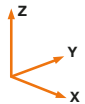
	MIN (mm)	MAX (mm)
X	300	∞*
Y	75	800 / 1.000 / 1.200
Z	8	60*



Working Field with any spindle

X	∞
Y	800 mm / 1.000 mm / 1.200 mm

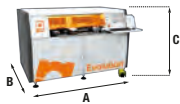
X	∞
Y	800 mm / 1.000 mm / 1.200 mm



Axis Speed

	m/MIN (mm)
X	70
Y	70
Z	25

	m/MIN (mm)
X	70
Y	70
Z	25



Dimensions and Weight

A	2.525 mm
B	1.330 mm
C	1.560 mm
W	1.400 / 1.450 / 1.500 Kg

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B	1.330 mm
C	1.560 mm
W	1.400 / 1.450 / 1.500 Kg



Air Pressure

6/8 Bar

6/8 Bar



Dust-Collection Nozzle

80mm diam. nozzle to connect the machine to a dust collector.



Airflow

Q. = 750 m<sup>3</sup> /h

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\*also depending on the weight and dimensions of the wooden panel





# Simplicity is the Ultimate Sophistication

Leonardo da Vinci



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