



*Italian technology excellence*

# Automatic Cutting Plotters

Listen, Make and Satisfy



Where we are:



# Our Company



100% MADE IN ITALY

## 2 PRODUCTION LINES:

- CUTTING PLOTTERS & MACHINING CENTERS
- INTEGRATED HANDLING SYSTEMS



Production plant

2.000 m<sup>2</sup>

21.500 ft<sup>2</sup>





Showroom

500 m<sup>2</sup>

5.300 ft<sup>2</sup>



# Our group



○ 1975

Process control systems for machine tools and Balancing machines for rotating components



○ 1984

Production of precision mechanical components



○ 2000

Machines for processing and handling of composite materials



○ 2008

Machines for processing and handling of composite materials



○ 2010

Innovative software solutions for the automotive, industrial and aerospace industry



○ 2020

Balancing machines

# Our group



270 Employees

Turnover 2021  
40 million €

# Automatic Cutting Plotters Range

## F50R PRO



## F150R PRO



## FIR2 PRO





# FIR2 PRO

## Digital die cutter



### Worktop

- The aluminum worktop with countersunk micro-holes
- Uniform vacuum distribution system
- Flatness and high stability of the material to be processed.

### Precision

- Prismatic guides with recirculating balls
- High precision racks with inclined helical teeth guarantee handling of the axes with precision and speed.

### Standard equipment of worktop

- piece passage 10 mm 0,39 in
- perfectly ground plane in relation to the wagon "z" of the operating unit
- homogeneous vacuum distribution system
- working area: x 1020 mm – y 720 mm – z 10 mm

x 40 in- y 28 in- z 0,39 in

TYOLOGIES OF CUT MATERIALS:

Paper, Cardboard, PVC, Forex, gaskets...

# FSOR PRO

## automatic cutting plotter



### Structure

Base in thick steel, well ribbed and extremely rigid.  
It guarantees stability and quality over time.

### Worktop

The multi-function worktop consists of intelligent independent standard vacuum zones (from 16 up to 48) selectable from CN.  
Multi-placement of materials up to 7 different types even with different thickness.  
High precision retractable mechanical stops

### Precision & Speed

The prismatic guides equipped with 30 mm 1,18 in section and high precision racks with inclined helical teeth guarantee the movement of axes.  
Speed up to 120 m/min 393 ft/min  
Acceleration up to 15m/s<sup>2</sup> 49ft/s<sup>2</sup> (~ 1,5 "G")

### Worktop size:

- **K** = 2,050 x 1,600 x 50 mm 80,7 x 63 x 1,9 in
- **F** = 3,050 x 2,050 x 50 mm 120 x 80,7 x 1,9 in
- **L** = 4,500 x 2,050 x 50 mm 177 x 80,7 x 1,9 in
- **XL** = 7,600 x 2,050 x 50 mm 300 x 80,7 x 1,9 in

TYPOLOGIES OF CUT MATERIALS:

Paper, Cardboard, Leather, Plexiglas,  
Aluminium, Foam...

# F50R PRO

automatic cutting plotter



Creasing unit

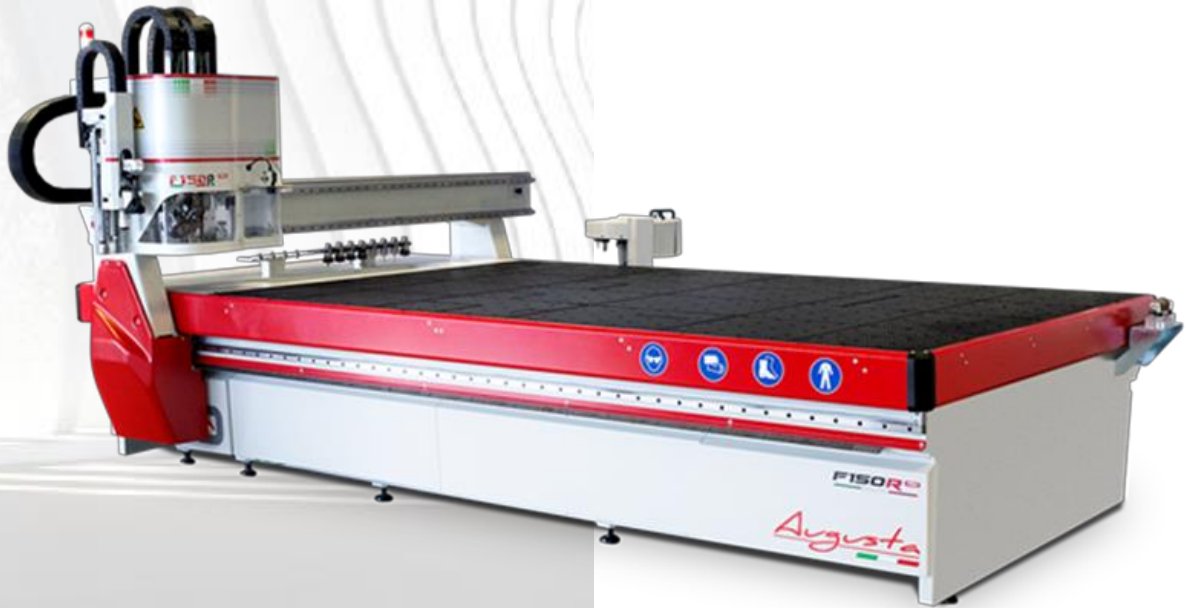
AFT – Knife cutting

Electrospindle



# FISOR PRO

## automatic cutting plotter



### TYOLOGIES OF CUT MATERIALS:

Wood, Aluminium, Plexiglas, Forex,  
Alucobond, Glass...

### Precision

The prismatic guides equipped with 30 mm 1,18 in section and high precision racks with inclined helical teeth guarantee the movement of axes.

### Power & Speed

Super power 9 Kw Electrospindle with HSK 40 connection and speed up to 36.000 rpm

### Automatic tool change

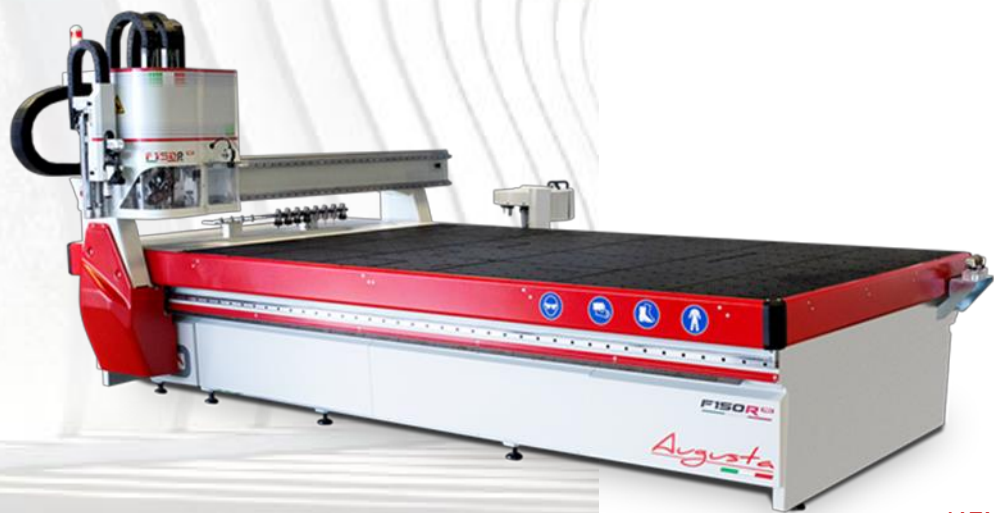
- Up to **13 positions** for tool change management (5 blades and creasers + 8 cutters)
- As Optional: lateral revolver tool magazine with extra **12 position**

### Worktop size:

- **K** = 2,050 x 1,600 x 150 mm - 80,7 x 63 x 5,9 in
- **F** = 3,050 x 2,050 x 150 mm - 120 x 80,7 x 5,9 in
- **L** = 4,500 x 2,050 x 150 mm - 177 x 80,7 x 5,9 in
- **XL** = 7,600 x 2,050 x 150 mm - 300 x 80,7 x 5,9 in

# FISOR PRO

automatic cutting plotter



NEWS 2022  
MATRIX

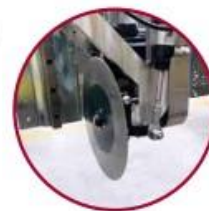
AFL - Circular Blade

AFT - Knife cutting

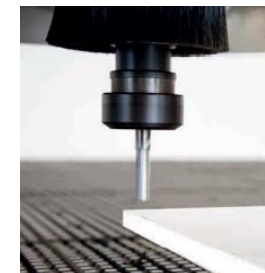
Electrospindle

Matrix is a 4<sup>th</sup> independent unit with axes managed from CN

- It can host different tools ( blades, creasers...)
- Designed for thin materials
- Faster and more precise



SO - NEW  
PATENTED  
TECHNOLOGY





Thank you for your attention

