



WOODWORKING TECHNOLOGY EVOLUTION

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34 © TECHNO PF 2T
36 © TECHNO PF 1250 EVO
38 © TECHNO FAST
42 © TECHNO MULTIWALL
46 © TECHNO SAW
48 © TECHNO PROGRESS









COMPANY INTRODUCTION



Founded in 1979 by Gianni Sella PASSION | SOLUTION | RESEARCH

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KEY FOCUS

.01 SPECIALIST IN WOODWORKING MACHINERY

.02 INNOVATION BASED ON CUSTOMER'S SOLUTIONS

The Sella family. L-R: Nicola, Andrea, Cristina, Gianni



.03 HEAVY DUTY, INDUSTRIAL MACHINES



COMPANY INTRODUCTION

GLOBAL MARKET FOCUS

Essetre is active throughout Europe, UK, North America, Japan, Asia-pacific region, also with the participation at many international exhibitions.

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3D MACHINERY DESIGN

IN-HOUSE FABRICATION

SOFTWARE DESIGN

-



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COMPANY INTRODUCTION



UPGRADE & REFURBISHMENT SUPPORT





8086

INNOVATION

Close partnership with our customers to develop new features based on their **specific product requirements.**

SOFTWARE

1000

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ELECTRO SPINDLE

TOOLING

INDUSTRY 4.0





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TIMELINE

1979





HISTORIC SITE



GAMMA 800

ALFAMATIC

1980



1982

GAMMATRONIC 208



1983

GAMMATRONIC C.U.A

1985

INDUSTRIAL AND MANUFACTURING HUB

HEADQUARTER

PRODUCTION 6000 M² OFFICE 800 M²

NEW

2012

18







40 ANNIVERSARY



NORTH AMERICA HEADQUARTER



_2021___

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NEW PRODUCTION **BUILDING EXTENTION**



COMPANY HISTORY

PRODUCT PROCESSING

ESSETRE STARTED PRODUCING WOODWORKING MACHINERY TO MANUFACTURE WORKTOPS AND KITCHEN CABINETS.



GAMMA 800

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ALFAMATIC



COMPANY HISTORY

PRODUCT PROCESSING

EXPANDING INTO THE FURNITURE INDUSTRY IN THE '80S...

FURTHER MACHINES INNOVATION AND ESTABLISHMENT IN THE MARKET DURING THE '90S...

Year





LEONARDO

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COMPANY HISTORY

OUR CNC MACHINES

THILS



Techno PF 1250

Beams and panels up to 1250x600 mm. 2 high efficiency 5 axis operative units.



Techno Fast

Posts and beams up to 250x620 mm. High performance electrospindle.



Techno Multiwall

NC working centre to process CLT, SIPS panels, curved structural beams and frame elements.



Techno Saw

5-axis NC working centre for frames and truss components, optional tool changing magazine.

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Techno Progress

Highly flexibile NC working centre for CLT panels, frame walls, straight and curved beams.

Techno PF 2T

R.

Beams and panels up to 400x800 mm. 2 high efficiency 5 axis operative units.



AFTER SALES SERVICE & SUPPORT



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AFTER SALES SERVICE & SUPPORT

AFTER SALES SERVICE

01

DEDICATED SERVICE DEPARTMENT, FACTORY AND ON-SITE TRAINING 02

LARGE IN HOUSE SPARE PARTS STOCK, IN PARTICULAR LONG LEAD-TIME ITEMS



RAPID REPAIR SERVICE FOR ELECTRO-SPINDLES



LONG TERM SUPPORT FOR MACHINES, OVERHAULING AND RETROFITTING

AFTER SALES SERVICE & SUPPORT

URGENT **MATTERS**

REMOTE **SUPPORT**

FOR ITEMS THAT REQUIRE URGENT **SUPPORT** OUR SERVICE DEPARTMENT CAN BE CONTACTED **BY PHONE** & EMAIL

ESSETRE SERVICE DEPARTMENT CAN REMOTELY CONNECT TO THE MACHINE & WEBCAMS TO SUPPORT THE CUSTOMER

CONTACTS:

General: Sales Dept: Account Dept: **Technical Dept: Purchase Dept** Service Dept:

Telephone

info@essetre.com commerciale@essetre.com amministrazione@essetre.com tecnico@essetre.com acquisti@essetre.com support@essetre.com

+ 39 0445 365999

 \bowtie

- W **NO URGENT MATTERS**

REMOTE **SUPPORT**



SUPPORT CENTRE TICKET SYSTEM ✓ TOOL FOR NON-URGENT AFTERSALES SUPPORT ONLINE CUSTOMER PORTAL

GO TO THE LINK: **HELPDESK.ESSETRE.COM**

> THIS PORTAL CAN BE USED TO NOTIFY IT IS SPECIFICALLY USED FOR SOFTWARE CUSTOMISATION, ISSUES OR OPTIMISATION THAT THE CUSTOMER WOULD **REQUIRE BUT THAT ARE NOT AFFECTING** THE DAY-TO-DAY PRODUCTION.

THE PORTAL CAN BE ALSO USEFUL TO EXCHANGE **INFORMATION AND DATA DURING AN INTERVENTION** IN ORDER TO KEEP A RECORD DURING THE MACHINE LIFESPAN.

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CONSTRUCTION MACHINE RANGE OVERVIEW

In **1994**, Essetre enters the **construction industry** with the first "**Techno**" working centre, a machine designed to process large section **beams**.

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MAIN INFORMATIONS:

FIXED PORTAL FRAME TWO INDEPENDENT 5-AXIS OPERATING UNITS TO WORK SIMULTANEOUSLY OR IN MASKED TIME IT PROCESSES PARTS THAT WILL BE THEN USED IN THE CONSTRUCTION OF WOODEN HOUSES, ROOFS, PERGOLAS, GAZEBOS, PLAYGROUNDS, ETC.

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IT PROCESSES BEAMS WITH CROSS SECTION UP TO **400 MM WIDTH** X **800** MM HEIGHT

Dex



CONSTRUCTION MACHINE RANGE OVERVIEW

Techno **PF 1250 EVO**

MAIN INFORMATIONS:

FIXED PORTAL FRAME

TWO OPPOSING 5-AXIS OPERATING UNITS TO PROCESS ALL SIDES OF THE PARTS

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IT PROCESSES BEAMS AND X-LAM/CLT WALLS WITH CROSS SECTION UP TO **1250 MM** WIDTH X 600 MM HEIGHT

IT COULD BE **CONFIGURED** IN **DIFFERENT SIZES** ACCORDING TO THE WORKPIECE REQUIREMENTS



BEAM TURNING SYSTEM

MAIN INFORMATIONS:

FIXED HEAVY DUTY **MONOBLOC STRUCTURE** FOR ACCURACY AND DURABILITY

 (\mathbf{A})

ONE PATENTED 5-AXIS OPERATIVE UNIT WITH TOOL CHANGING SYSTEM

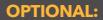
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IT CAN PROCESS BEAMS WITH MAX DIMENSION 620 X 250 MM, CONFIGURABLE LENGTH.

CONSTRUCTION MACHINE RANGE OVERVIEW

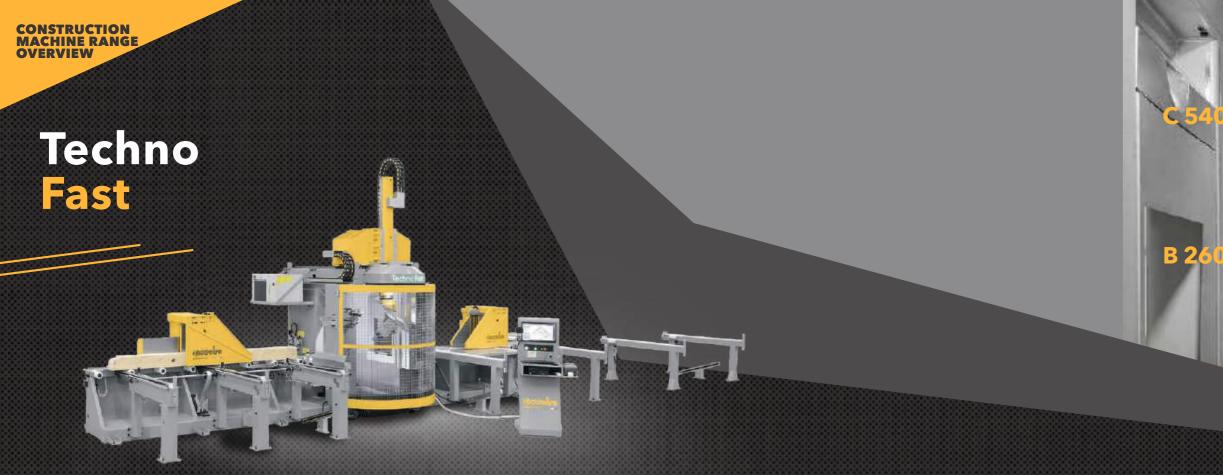
Fast

Techno



DUAL CLAMP SYSTEM FOR MAXIMUM ACCURACY (AVOIDS THE SLIPPING ISSUES THAT CAN OCCUR WITH ROLLERS)





MAIN INFORMATIONS:



Patented Essetre Electro-Spindle

12KW VARIABLE LIQUID CONTROLLED COOLED SPEED

DOUBLE OUTPUT

GEAR REDUCTION TO MAXIMIZE TORQUE ON THE BLADE SIDE

MILLING UNIT WORKING WITH 11 POSITION TOOL CHANGE MAGAZINE



Techno **Multiwall**

MAIN INFORMATIONS:

MOVING PORTAL FRAME

ONE TO FOUR 5-AXIS WORKING UNITS

IT PROCESSES ELEMENTS WITH DIMENSIONS UP TO 6000 MM IN WIDTH, 480 MM IN THICKNESS AND MODULAR LENGTH

IT CAN BE CONFIGURED FOR PROCESSING CLT PANELS, CURVED/STRAIGHT GLULAM BEAMS, TIMBER FRAME WALL PANELS, SIPS PANELS FOAM CORE PANELS

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AUTOMATIC TOOL CHANGING SYSTEM

DEDICATED 55KW LIQUID COOLED BLADE UNIT, BLADE DIAMETER FROM 800 TO 1200 MM

MODULAR WORKING AREA AVAILABLE (PENDOLUM PRODUCTION OR IN LINE), IN-FEED/OUT-FEED CONVEYORS



Techno Multiwall

MAIN INFORMATIONS:

WIDE RANGE OF TABLE CONFIGURATIONS AVAILABLE

TOOLING & MACRO OPTIMISATION



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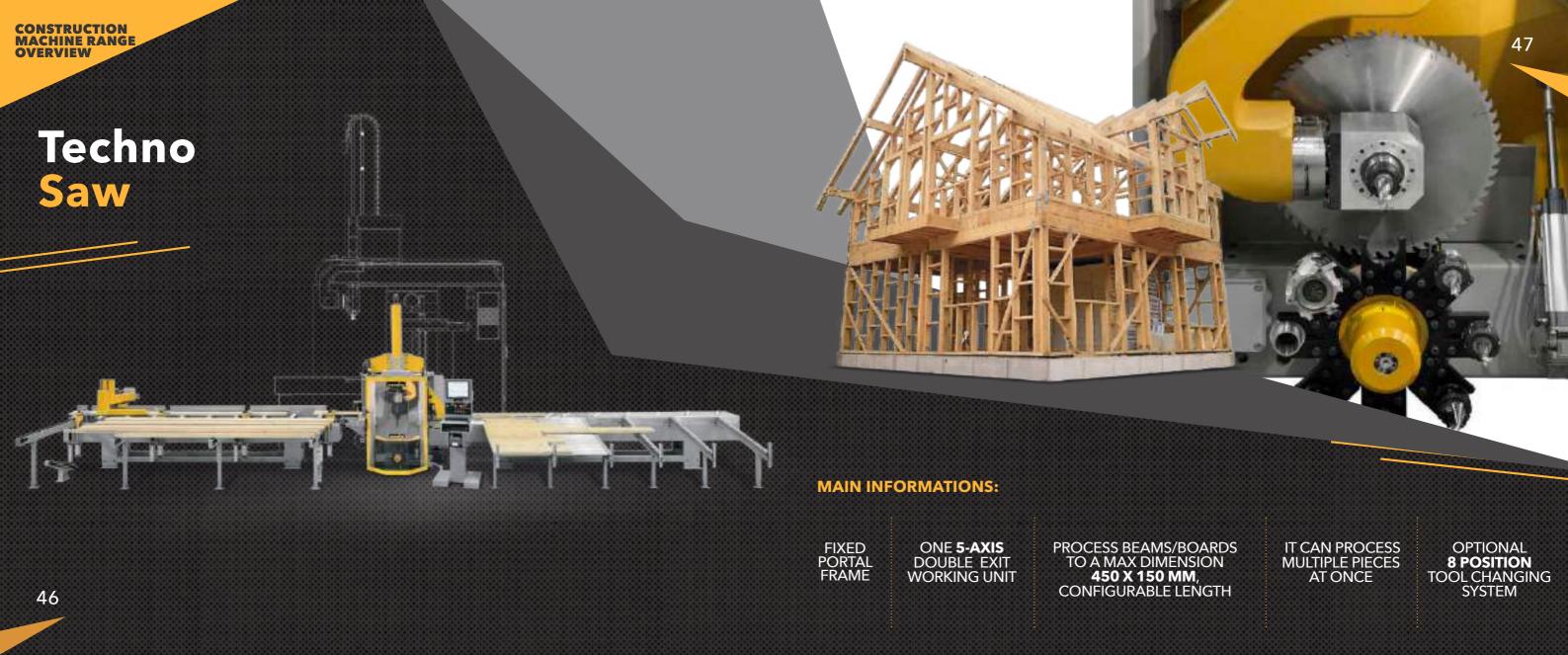
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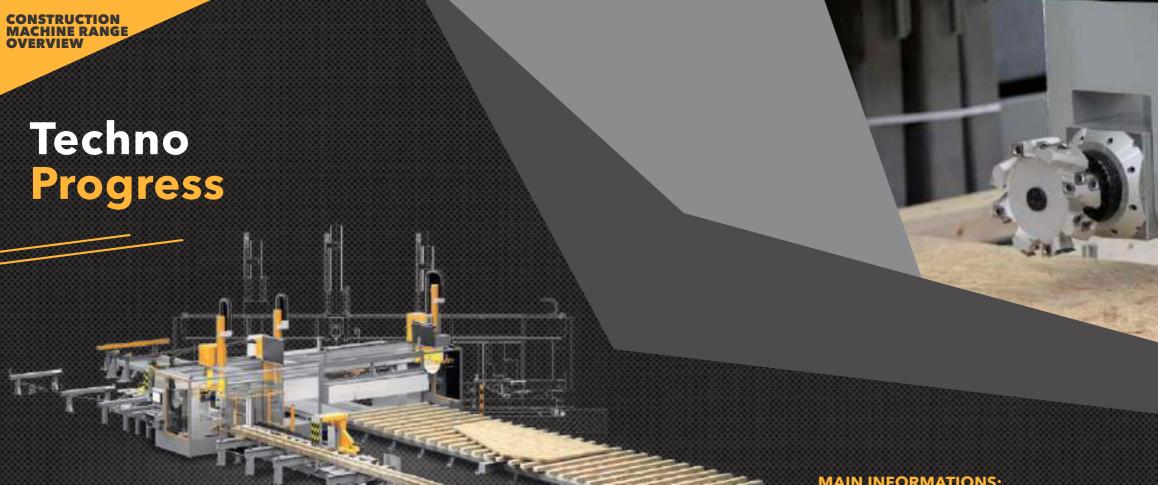


COMPLEMENTARY HANDLING SYSTEMS AVAILABLE









MAIN INFORMATIONS:

FIXED PORTAL FRAME

2 INDEPENDENT PRODUCTION SIDES, ONE DEDICATED TO THE BEAMS AND ONE DEDICATED TO CLT, FRAME WALLS AND CURVED ELEMENTS

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ONE TO FOUR 5-AXIS WORKING UNITS AVAILABLE

DEDICATED UNITS AVAILABLE: FASTENING, GIBS PROCESSING, DRILLING UNITS, LATHE





A huge innovation dedicated to Essetre customers. EASY, FAST, RELIABLE



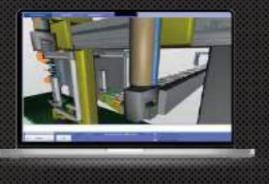
BTL IMPORT

.02



WORKING PROCESSES

.03



SIMULATION

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MACHINE PRODUCTION





BTL VIEWER SHOWING COMPLETE PROJECT IN 3D AUTOMATIC PROCESSING AND TOOLING CONTROL DEDICATED TOOLING SET UP SECTION





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