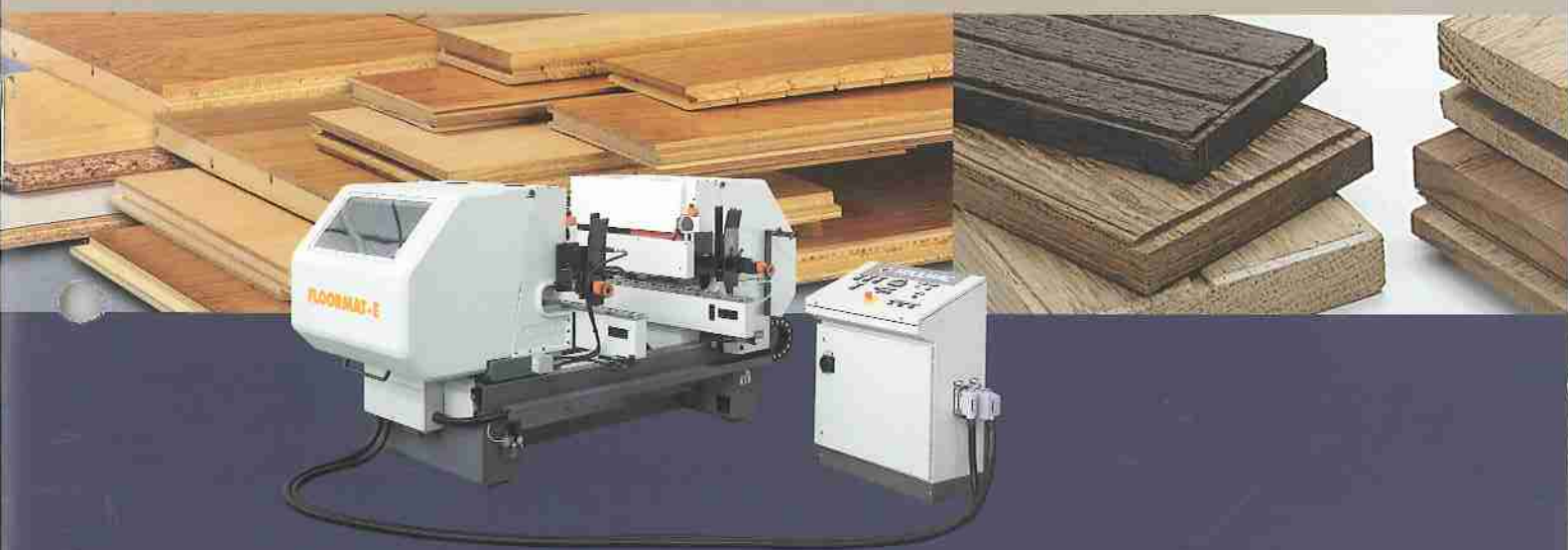


FLOORMAT RANDOMAT



FRIULMAC
SPECIAL WOODWORKING MACHINERY

www.hoechsmann.com

The most user-friendly
double end-cut profiling machine
available on the market.



◀ Detail of the feed system
and the hold-down system



▲
Side view
of FLOORMAT/C
version 004



- DO NOT LET ITS COMPACT DESIGN MISLEAD YOU!
- THANKS TO ITS UNIQUE, HYDRAULICALLY DRIVEN, FEED-SYSTEM, FLOORMAT/C CAN MACHINE UP TO 50 PIECES/MIN.
- USED AS A STAND ALONE UNIT, OR IN-LINE WITH ANY KIND OF MOULDER, IT REPRESENTS THE MOST FLEXIBLE, RAPID, EASY TO SET UP AND EFFICIENT SYSTEM FOR BOTH SMALL OR LARGE BATCHES.
- PIN-POINTED FOR TODAY'S "JUST-IN-TIME" MARKET REQUIREMENTS.

FLOORMAT/C



FRIULMAC

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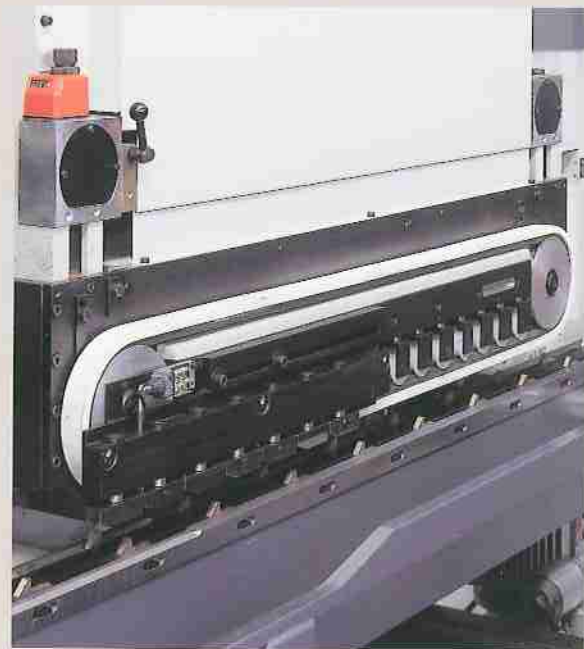
The machine that pushes double end-cut profiling operations close to the speed of light!

- NEW GENERATION, BETTER THAN EVER!
- THROUGH FEED SYSTEM VIRTUALLY MAINTENANCE FREE AND EXTREME POWER EVENLY PROVIDED THROUGH ITS FULL SPEED RANGE.
- CAPABLE OF RUNNING UP TO 120 PIECES/MIN.
- EXTREMELY SIMPLE SET-UP PROCEDURES.
- USED AS A STAND ALONE UNIT OR IN LINE WITH ANY KIND OF MOULDER, THIS WORK-HORSE CAN EASILY TAKE CARE OF BOTH SMALL OR EXTREMELY LARGE BATCHES.
- IN NO TIME IT TURNS A STACK OF WOOD INTO TOP QUALITY PRODUCTS.

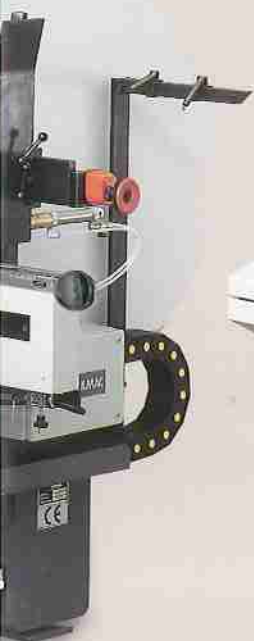


FLOORMAT/E

Detail of the
profiling unit ▶



▲ Detail of the feed system
and the hold-down system



FRIULMAC

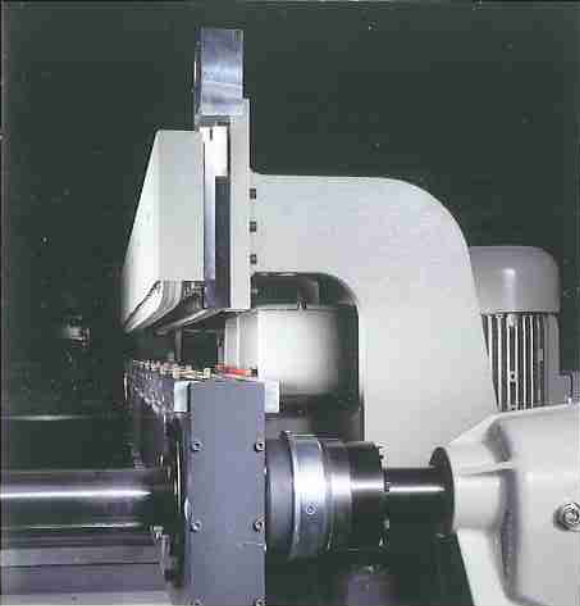
www.hoechsmann.com

The most powerful series of double end-cut profiling machines!

- FLOORMAT/S'S HEAVY DUTY BASE FRAME CAN HOUSE UP TO 5 WORK STATIONS PER SIDE.
- HIGH PRECISION SPINDLES GUARANTEE MACHINING ACCURACY WITHIN A FEW HUNDREDS OF ONE MILLIMETER.
- SELECTING THE APPROPRIATE WORK STATION SEQUENCE, FLOORMAT/S IS THE IDEAL MACHINE TO PROCESS LAMINATE, 2 OR 3 LAYER, LACQUERED OR NON LACQUERED COMPONENTS.
- STAND ALONE, OR USING FRIULMAC HANDLING EQUIPMENT AS PART OF A PRODUCTION LINE, THE FLOORMAT/S ELIMINATES LONG SET-UP TIMES AND MAXIMIZES THE ADVANTAGES OF HIGH SPEED PRODUCTION.



FLOORMAT/S version 005



Detail of the feed system
and the hold-down system

FLOORMAT/S



FRIULMAC

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Floormat technical specifications.

	FLOORMAT/C		FLOORMAT/E		FLOORMAT/S	
Workpiece length	160 - 1,300 mm	6 19/64" - 51"	195 - 1,000 mm	7 43/64" - 39"	250 - 1,500 mm	9 27/32" - 59"
Workpiece width	30 - 140 mm	1 3/16" - 5 1/2"	30 - 250 mm	1 3/16" - 9 27/32"	40 - 250 mm	1 37/64" - 9 27/32"
			30 - 200 mm	1 3/16" - 7 7/8"		
			(For version 005 and 006)			
Workpiece thickness	10 - 35 mm	25/64" - 1 3/8"	8 - 35 mm	5/16" - 1 3/8"	7 - 35 mm	17/64" - 1 3/8"
Feed motor	2.2 Kw - 3 Hp	(hydraulic system)	2.2 Kw - 3Hp	(electro-mechanical)	3 Kw - 4 Hp	(electro-mechanical)
Feed speed	-		0 - 18 m/min	0 - 59'/min	0 - 22 m/min	0 - 72'/min
Spindle motors	Scoring unit	2.2 Kw - 3 Hp 7,600 rpm	Scoring unit	2.2 Kw - 3 Hp 7,600 rpm	Scoring unit	2.2 Kw - 3 Hp 7,600 rpm
	Trimming unit	2.2 Kw - 3 Hp 7,600 rpm	Trimming unit	2.2 Kw - 3 Hp 7,600 rpm	Trimming unit	2.2 Kw - 3 Hp 7,600 rpm
	Profiling unit	2.2 Kw - 3 Hp 7,600 rpm	Profiling unit	3 Kw - 4 Hp 7,600 rpm	Profiling unit	3 Kw - 4 Hp 7,600 rpm
Spindle diameter	30 mm	1 3/16"	Scoring/trimming unit	30 mm - 1 3/16"	Scoring/trimming unit	30 mm - 1 3/16"
			Profiling unit	40 mm - 1 37/64"	Profiling unit	40 mm - 1 37/64"
Tool cutting circle	Scoring unit	125 - 150 mm	Scoring unit	125 - 180 mm	Scoring unit	125 - 180 mm
	Trimming unit	125 - 180 mm	Trimming unit	125 - 180 mm	Trimming unit	125 - 180 mm
	Profiling unit	120 - 160 mm	Profiling unit	160 - 220 mm	Profiling unit	160 - 220 mm
Production capacity	50 pieces/min		120 pieces/min		70 pieces/min	
	(subject to parts dimension)		(subject to parts dimension and machine configuration)		(subject to parts dimension and machine configuration)	















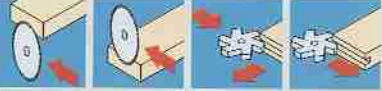
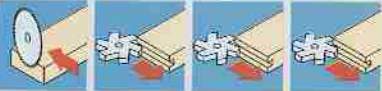

Floormat available options.

	FLOORMAT/C	FLOORMAT/E	FLOORMAT/S
Motor power increase for trimming/scoring units	3 Kw - 4 Hp	3 Kw - 4 Hp	3 Kw - 4 Hp
Motor power increase for profiling units	3 Kw - 4 Hp	Up to 5.5 Kw - 7.5 Hp	Up to 5.5 Kw - 7.5 Hp
Workpiece max. length increase	Up to 3,000 mm - 118"	Up to 3,000 mm - 118"	Up to 3,000 mm - 118"
Jump Profiling unit	NA	*	*
Quick disconnect profiling spindles system	NA	*	*
Sound/safety wing opening Hoods	*	*	*



Machines are awarded the CE certification.
A sign of safety.

Floormat standard configurations.

	FLOORMAT/C	FLOORMAT/E	FLOORMAT/S
001			
002			
003			
004			
005			
006			
007			

Statements and illustrations in this brochure may include optional equipment.

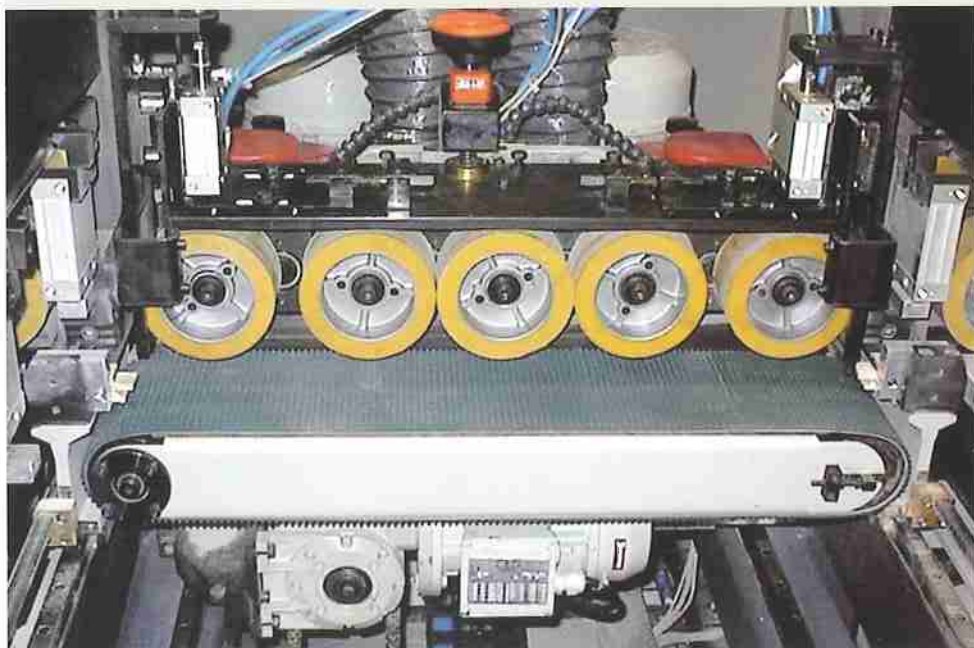
As our policy is to constantly improve design, the details given in this leaflet should not be regarded as binding.



FRIULMAC

www.hoechsmann.com

- NO MORE WASTE OF TIME CHANGING SET-UP, NO MORE LOW PRODUCTIVITY AND POOR QUALITY!
- WITH A MODERATE INVESTMENT, RANDOMAT/E ALLOWS CONTINUOUS FEEDING OF RANDOM LENGTH WORK PIECES, AND PROCESSING OF ANY KIND OF PROFILE WITH NO TEAR-OUT.
- EXTRA SHORT CHANGE OVER TIME FOR DIFFERENT PROFILES.
- COMPACT DESIGN REDUCES SPACE REQUIREMENT.



◀ Profiling units supporting table with detail of the referencing and clamping system



End matching of random length flooring, cabinet and entry door rails has graduated to top-notch quality and profitability.

RANDOMAT/E



FRIULMAC

www.hoechsmann.com

The most versatile among the high production end matching machines.

- EXTREME PRECISION.
- STATE OF THE ART TECHNOLOGY.
- SUPER REDUCED SET-UP TIME.
- MODERN DESIGN.

THIS IS WHAT YOU EXPECT FROM YOUR MACHINE INVESTMENT, THIS IS WHAT FRIULMAC
GUARANTEES OFFERING RANDOMAT/S!

"THE EVOLUTION OF THE SPECIES" IN END MATCHING MACHINES FOR RANDOM LENGTH
COMPONENTS.



RANDOMAT/S

Detail of the
feed system



FRIULMAC

www.hoechsmann.com

Randomat technical specifications.

	RANDOMAT/E		RANDOMAT/S	
Workpiece length	160 - 2.000 mm	6 19/64" - 78"	350 - 2.000 mm	13 3/4" - 118"
Workpiece width	30 - 250 mm	1 3/16" - 9 27/32"	50 - 250 mm	1 31/32" - 9 27/32" (composition 004)
			50 - 200 mm	1 31/32" - 5 7/8" (composition 006)
Workpiece thickness	10 - 40 mm	25/64" - 1 37/64"	12 - 35 mm	15/32" - 1 3/8"
Feed motor	Infeed and outfeed belt	1.1 Kw - 1.5 Hp	3 Kw - 4 Hp	
Feed speed			0 - 27 m/min	0 - 88'/min
Spindle motors	Scoring unit	1.1 Kw - 1.5 Hp 7.600 rpm	Scoring unit	2.2 Kw - 3 Hp 7.600 rpm
	-		Trimming unit	2.2 Kw - 3 Hp 7.600 rpm
Spindle diameter	Profiling unit	3 Kw - 4 Hp 7.600 rpm	Profiling unit	3 Kw - 4 Hp 7.600 rpm
	Scoring unit	20 mm - 25/32"	Scoring unit	30 mm - 1 3/16"
	-		Trimming unit	30 mm - 1 3/16"
Tool cutting circle	Profiling unit	40 mm - 1 37/64"	Profiling unit	40 mm - 1 37/64"
	Scoring unit	100 mm	Scoring/trimming units	125 - 180 mm
Production capacity	Profiling unit	160 - 200 mm	Profiling unit	160 - 220 mm
	Max 14 pieces/min	(subject to parts dimension)	Based on parts dimension	


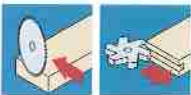


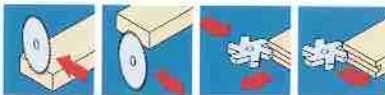
Randomat available options.

	RANDOMAT/E	RANDOMAT/S
Motor power increase for trimming/scoring units	NA	3 Kw - 4 Hp
Motor power increase for profiling units	Up to 5.5 Kw - 7.5 Hp	Up to 5.5 Kw - 7.5 Hp
Workpiece max. length increase	Up to the Customer requirement	NA
Workpiece minimum length reduced to	NA	250 mm 9 27/32"
Quick disconnect profiling spindles system	•	•
Sound/safety wing opening Hoods	•	•



Machines are awarded the CE certification.
A sign of safety.

Randomat standard configurations.


	RANDOMAT/E	RANDOMAT/S
001		
002		
003		
004		
006		

Statements and illustrations in this brochure may include optional equipment.

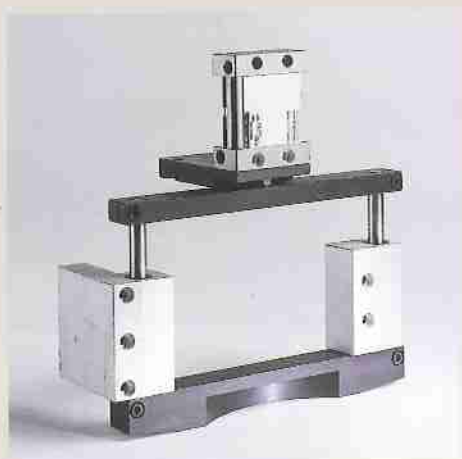
As our policy is to constantly improve design, the details given in this leaflet should not be regarded as binding.

Useful options.

FLOORMAT RANDOMAT



SAFETY AND POWER
with the adjustable
speed motor complete
of hydraulic clutch



PNEUMATIC
UPPER-PRESSURE
SYSTEM
to guarantee
the maximum
precision during
the profiling phase



QUICK DISCONNECT
PROFILING
SPINDLE SYSTEM
to reduce set-up
time and increase
productivity



ELECTRONIC
DIGITAL READ-OUT
to guarantee
adjustments
within hundreds
of millimeter tolerance

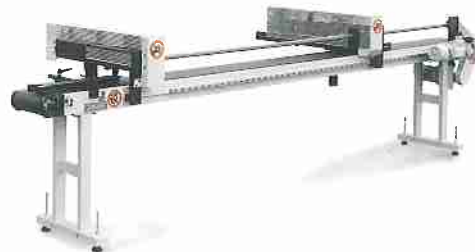
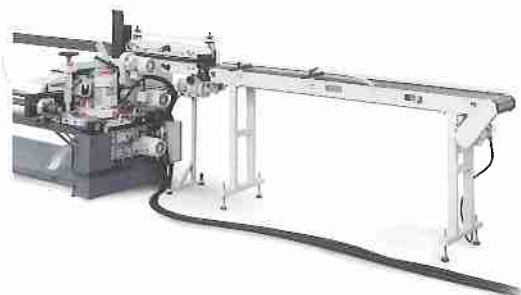
Non-stop manufacturing.

MECHANIZATIONS

A VARIETY OF PRODUCTS REQUIRES A VARIETY OF SOLUTIONS...THAT WE CAN PROVIDE.

ACCORDING TO THE LEVEL OF AUTOMATION AND PRODUCTION CAPACITY OF THE PLANER/MOULDER AND/OR DET, WE HAVE SEMIAUTOMATIC AS WELL AS FULLY AUTOMATIC LINKING DEVICES TO OFFER. DIFFERENT SOLUTIONS ARE AVAILABLE FOR BOTH LENGTHWISE AND CROSSWISE TRANSPORTATION OF RAW MATERIAL AS WELL AS FINISHED PRODUCTS.

IN DEVELOPING AND MANUFACTURING THE MOST SIMPLE AND EFFICIENT LINKING SYSTEMS, SPECIAL ATTENTION HAS ALSO BEEN GIVEN TO THE DESIGN.



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Use possibilities.

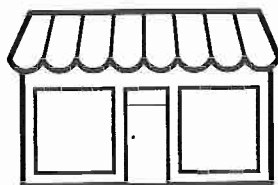
Success factors of parquet floorings.

- EASY TO CLEAN
- COMFORTABLE AREAS
- WARM AMBIENCE
- HIGHLY ECOLOGICAL
- RECYCLABLE
- EASY TO SET
- HIGH RESISTANCE
- RAW MATERIALS IN CONTINUOUS GROWTH
- MANY DIFFERENT DESIGNS
- POSSIBILITY TO EFFECT SEVERAL SMOOTHING OPERATIONS
- IDEAL FOR PEOPLE THAT SUFFER FROM ALLERGIES



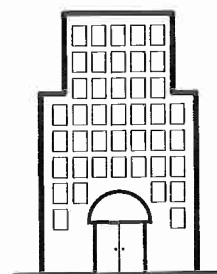
PRIVATE HOUSES.

Halls, living areas,
kitchens, etc.



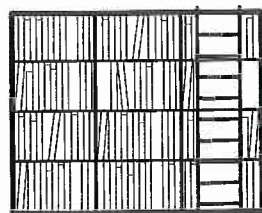
DEPARTMENT STORES.

Shops in general, boutiques,
hairstresser salons and
shops, restaurants, etc.



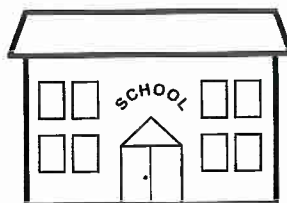
HOTELS.

Halls, reception
areas, waiting rooms,
corridors, etc.



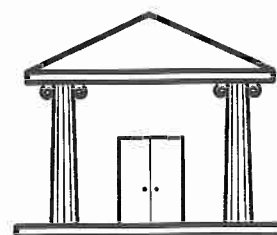
ADMINISTRATIVE BUILDINGS.

Offices, conference
rooms, libraries, etc.



SCHOOL BUILDINGS.

Classrooms, libraries,
recreational rooms,
kindergartens, etc.



PUBLIC BUILDINGS.

Ballrooms,
theatres, museums,
gymnasiums, etc.

THE PARQUET

Our machines, their features.

MOVIMAT



DUALFEED

Two time saving machines in one.
Cuts boards to size. Feeds cut boards continuously to any kind of moulder to save machining time and extend tool life.



MP 1/3

Workpieces' return conveyor and stacking system to create a one operator working cell.

FLOORMAT



FLOORMAT/E

The machine that pushes double end-cut profiling operations close to the speed of light.
It combines versatility and extreme productivity in the flooring processing.



FLOORMAT/C

The most user-friendly double end-cut profiling machine available on the market.
Pin-pointed for today's "just-in-time" requirements.

RANDOMAT



RANDOMAT/S

The most versatile among the high-production end matching machines.
Extreme precision, state of the art technology, super reduced set-up time, modern design: this is what you expect from your machine investment, this is what Friulmac guarantees offering Randomat/S.



RANDOMAT/E

End matching of random length flooring, cabinet and entry door rails has graduated to top-notch quality and profitability. With a small investment it allows processing of any kind of profile without tear-out.

CONTOURAMAT



CONTOURAMAT

The only double end-cut profiling machine that makes "just-in-time" easy!
Only one operator required, it can process any kind of end profile without tear-out.
Extremely user friendly and flexible, it can be provided with end-boring, face boring, vertical boring.

IDRAMAT



IDRAMAT

The best expression of Friulmac philosophy.
A modular base frame that can accommodate up to 5 working stations per side according to your requirements.
End trim, profile, end-bore, glue & dowel, mortise, dove-tail, edge-bore, face-bore... endless combinations!

QUADRAMAT



QUADRAMAT

The Quadramat line is designed to process an extremely wide range of operations, for both solid wood and panel products.
All versions of Quadramat are built based on a modular concept to suit all your needs and production requirements.

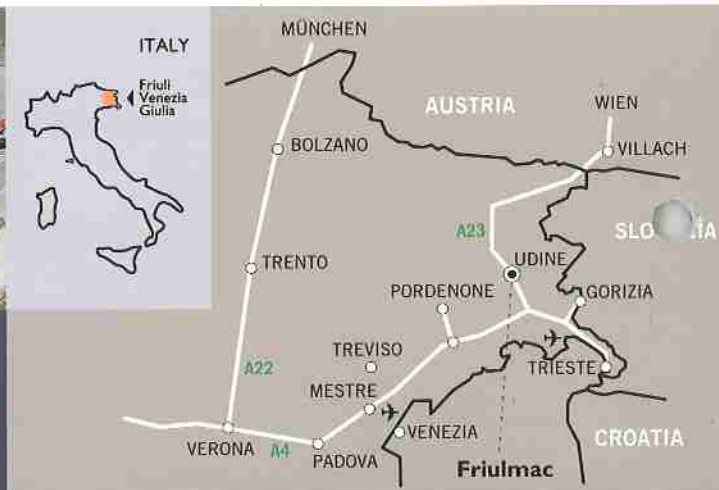


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You are always welcome at Friulmac.

We appreciate your interest in our equipment. Please call to make arrangements for a personalized visit. The city of Udine, located in the Italian region called Friuli, is considered the European chair manufacturing center where a concentration of know-how and technology can be found. You will experience how the world's best selling DET and Wood Machining Centers are designed, produced and assembled and how you, our CUSTOMER, stand at the top of our business philosophy.



FRIULMAC

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