



# SAÔNOISE

TIROIRS ET CONTREPLAQUÉ

French manufacturer of wooden components  
flat & curved

## INTERIOR FITTINGS

- ▶ Moulded fronts
- ▶ Bent parts
- ▶ Profiles
- ▶ Drawers



INTERIOR FITTINGS

[www.saonoise.com](http://www.saonoise.com)

## Our Company :

The Saône group consists of the two companies, Saône de Contreplaqué and Saône de Tiroirs, respectively established in 1952 and 1975.

We started out by peeling beech wood to manufacture workbenches, shells as well as seats and backs. Our development and our diversification led us to produce other products intended for furniture.

Our family business is currently managed by Stanislas and Patrick COUVAL, the grandsons of Maurice COUVAL, its founder.

Today, we employ 80 people and distribute our products throughout France and abroad to Germany, Switzerland, Benelux, the United Kingdom, Israel, the Maghreb countries and beyond.

Based in eastern France, between the Vosges and Jura mountains, our company benefits from the natural resources supplied by our forests.

Our geographic location places us in a strategic position for our development on the French and international markets.



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Our company is committed to protecting the environment, ecology and human health.

Our products are PEFC certified and we also insist on recycling more than 90% of the wood chips we produce during the manufacturing process. We respect nature, family values and the traditions of our forested land.

## Our business sectors:



## Know-how and Investment :

We are specialists when it comes to manufacturing wood-based technical components for furniture and interior fittings in the housing sector as well as for institutions, industrial furniture and recreation.

Our product range includes:

- Kit and folding wrapped wood drawers
- Wrapped profiles and cross-profiles
- Moulded fronts and doors
- Bent parts of various formats and radii
- Workbenches and worktops
- Kickboards for riding arenas

Thanks to our regular investment and automation programs, we have a complete set of machines at our disposal that enable us to manufacture parts of increasing technicality that meet our customers' specifications.

Our CAD Design and Development Department adapts to any and all bespoke requests.

Our numerical control machine tools allow us to produce high volumes while keeping a flexible and reactive structure for medium and small series:

- Peeling and drying: 2 rotary-veneer lathes + 1 dryer
- Sawing
- Wrapping: PVA and hot-melt wrapping machines
- Calendering
- Glueing/Plating: on flat or moulded faces and edges using various materials: plastic films (PVC, polypropylene), papers, wood platings, laminates, rubber, compact, pictura, linoleum, etc.
- Bending: steam and high-frequency presses
- Machining: 4 and 5-axis numerical controls, saws, 6 sanding machines, drilling centres and dowel insertion machines respectively dedicated to kit or folding wrapped drawers
- Lacquering: acrylic varnish, UV or polyurethane drying. Matte, satin or high-gloss finishing lacquer

We put our know-how and our technical skills to work for our customers to come up with innovative solutions, driven by the desire to establish long-term partnerships.

We are committed to the quality of our products and to meeting deadlines in order to provide you an efficient service.

## Interior fittings

*Furniture, home furnishings, kitchens, bathrooms, offices, walk-in closets, interior design, bedrooms for homes, hospitals and ships' cabins*

# DRAWERS

## Kit & Folding Drawers

**KIT & FOLDING DRAWERS ON CHIPBOARD OR MDF BASES**, WRAPPED IN PLASTIC FILM OR PAPER ACCORDING TO OUR OWN COLOUR CHARTS AT YOUR DISPOSAL. SERIES PRODUCTION: 25,000 UNITS/DAY



### DESCRIPTION

Chipboard or MDF

Height 250 mm max.

Standard thickness 12.5 mm

PVC, polypropylene and paper wrapping (various colours available as standard and on request)

Each drawer + bottom set packaged in shrink-wrap

### DRAWER BOTTOMS

MDF: 1 solid colour or imitation wood grain face – th. 3 and 5 mm

Chipboard: 1 solid colour or imitation wood grain face – min th. 8 mm

Calendering with decorative paper on request

Minimum quantities for a drawer are 100: below this number costing is not accurate and does not reflect our actual production costs. Therefore we offer the alternative of lengths in sets of 50, 100 or in ½ pallets, i.e. 400 lengths.

### MACHINING & FINISHING

Upper edges straight, rounded or with chamfered corners

Placement of dowels

Any desired holes and cut-outs

Slanted edges on ends for 45° joins and curved faces

Bottom grooves and runner grooves or machined for invisible runners

Assembled with dowels and/or eccentric cams (minifix or similar)

Option to machine angles other than 90°

### SPECIFIC FEATURES

Various shapes from 1 to 7 sides in one piece

Parts can be joined together

Production of compartmented drawers

2070 mm-length panels for cutting

# DRAWERS

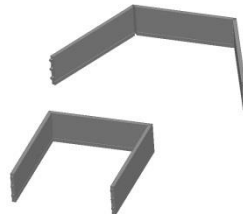
## Kit & Folding Drawers

**OUR “ALL-IN-ONE” SOLUTION:** THE COMPLETE DRAWER, IN KIT FORM OR ASSEMBLED.

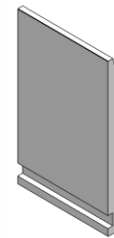
- YOUR DRAWER EQUIPPED WITH A BOTTOM CALENDERED WITH THE SAME PAPER OR FILM AS THE DRAWER.
- CROSS-PIECES OR SEPARATING PIECES TO PARTITION THE INSIDE OF THE DRAWER.
- FLAT OR MOULDED FRONT WITH A LAMINATED OR LACQUERED COATING.
- BENEFITS: SINGLE SUBCONTRACTOR FOR EASIER PURCHASING, A SINGLE CONTACT AND REDUCED LOGISTICS COSTS AND LEAD TIMES.



Kit drawer & bottom



3-sided drawers

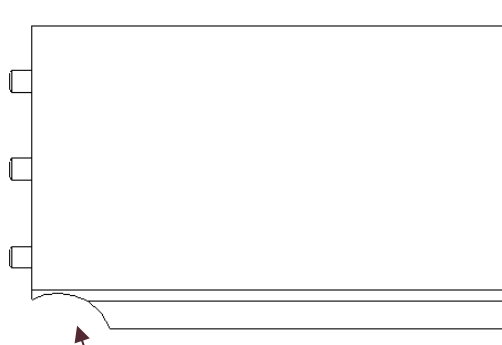


Rounded profile

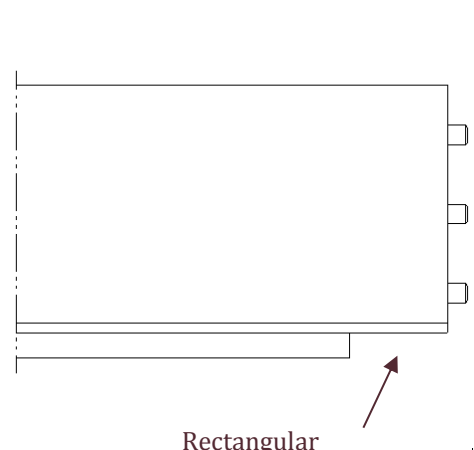


Cross pieces

## STANDARD MACHINING FOR INVISIBLE RUNNER:

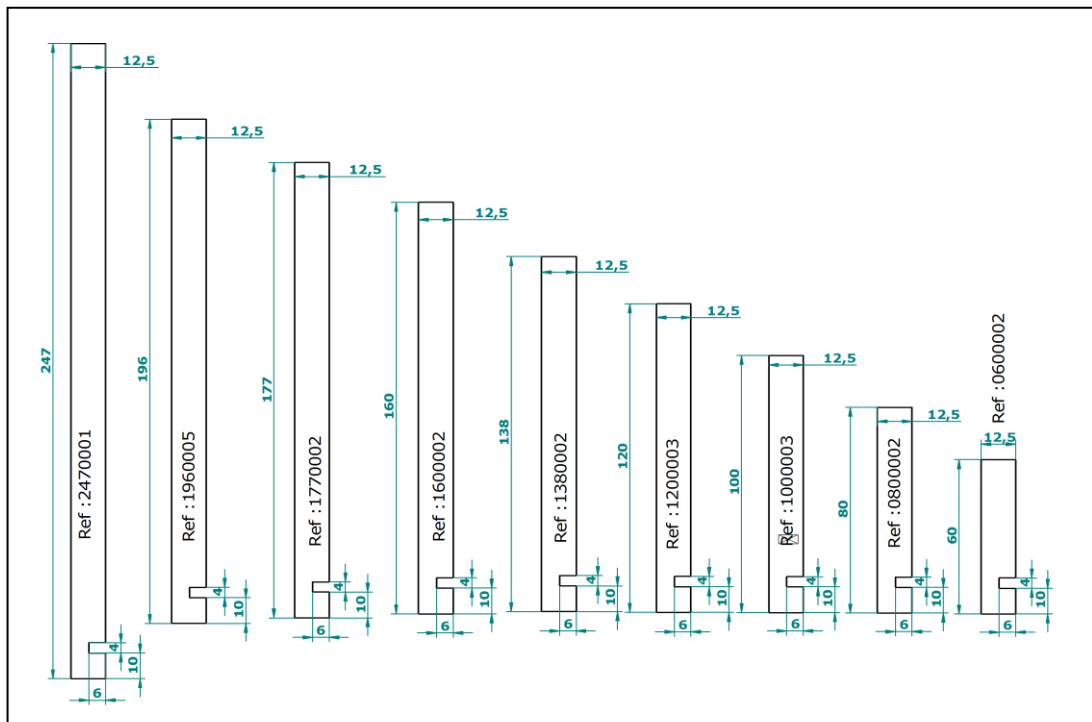


Half-moon

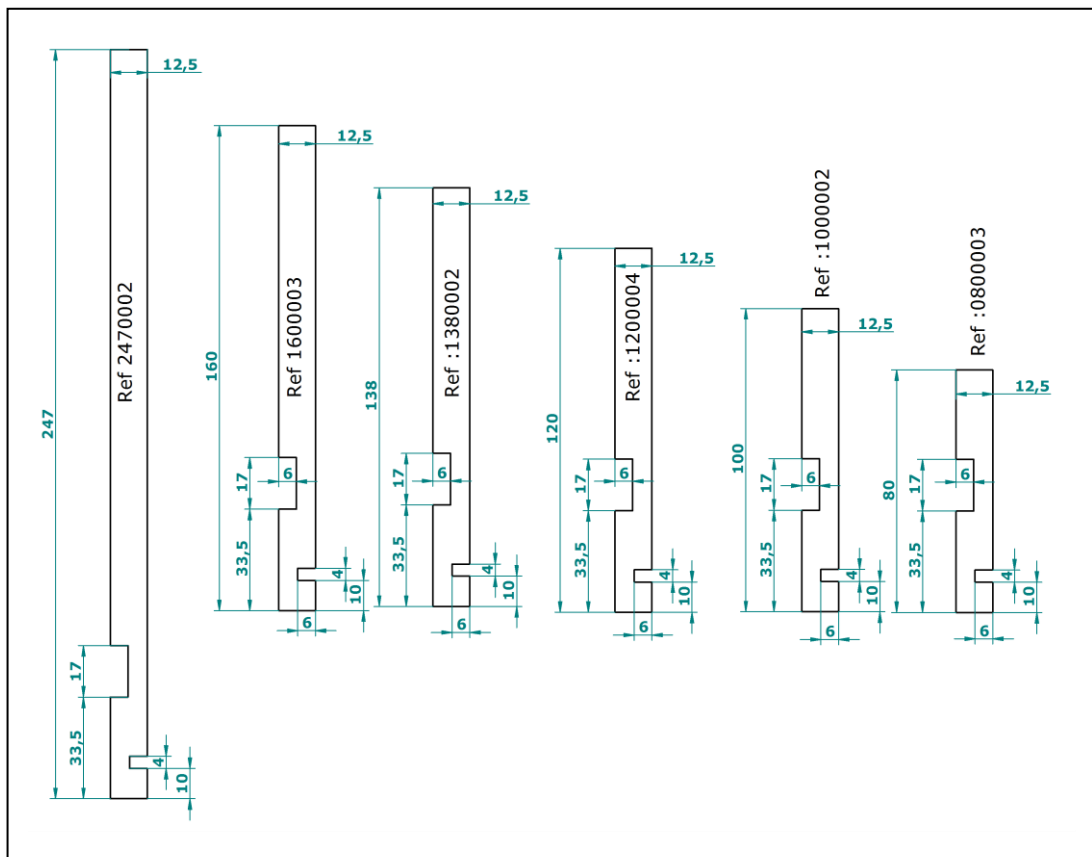


Rectangular notching

## STANDARD PROFILES WITH BOTTOM GROOVES



## STANDARD PROFILES WITH BOTTOM GROOVES AND RUNNER GROOVES





# DRAWERS

## Solid Wood Drawers

FOR THOSE SEEKING **THE AUTHENTICITY, ELEGANCE AND NOBILITY OF WOOD**,  
WE SUPPLY **DRAWERS IN SOLID BEECH AND OAK**. MINIMUM PRODUCTION 25 DRAWERS.



### DRAWERS DESCRIPTION

Non-finger-jointed height  
up to 180 mm  
Standard thickness 14mm  
Bottom grooves and runner  
grooves or machined for  
invisible runners  
Assembled with dowels or  
dovetails  
Solid beech or oak, other  
varieties on request

### BOTTOMS DESCRIPTION

Plywood:  
poplar, birch, beech  
Sanded, clear or tinted  
varnish  
Thickness: 4, 5 or 8 mm

### MACHINING & FINISHING

All types of drilling, cutting  
and routing  
Upper edges straight,  
rounded or with chamfered  
corners  
Slanted ends  
Unfinished, sanded, clear or  
tinted varnish

# DRAWERS

## Drawers and storage bins

### Birch Plywood

FOR THOSE SEEKING THE ELEGANCE AND STURDINESS OF WOOD, WE SUPPLY  
DRAWERS AND STORAGE BINS IN BIRCH PLYWOOD.  
MINIMUM PRODUCTION 25 DRAWERS OR BINS.

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Storage bins

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#### DRAWER DESCRIPTION

Height up to 230 mm  
Standard thickness 12 or 15mm  
Bottom grooves and runner grooves or machined for invisible runners  
Assembled with dowels

#### MACHINING & FINISHING

All types of drilling, cutting and routing  
Upper edges straight, rounded or with chamfered corners  
Slanted ends  
Unfinished, sanded, clear or tinted varnish

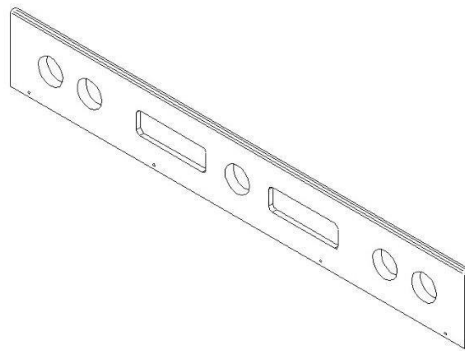
#### BOTTOMS

Plywood:  
poplar, birch, beech  
Unfinished, sanded, clear or tinted varnish  
Thickness: 4, 5 or 8 mm

# PROFILES

## Bathroom panels

OUR PROFILES FOR BATHROOMS CAN BE CUSTOM-MACHINED AND WRAPPED WITH A PLASTIC FILM USING POLYURETHANE ADHESIVE TO GUARANTEE MOISTURE-RESISTANCE.



Functional Diagram

### DESCRIPTION

MDF core  
 Section up to 180 / 200 mm  
 Polyurethane adhesive (water-repellent properties)  
 High-gloss PVC with shrink-wrap protective film

### AREAS OF APPLICATION

Bathrooms  
 Shower rooms  
 Kitchens

### MACHINING & FINISHING

Banding of unwrapped edges  
 Routing for integrated lighting  
 Holes for cables

# PROFILES

## Profiles and cross-profiles

IN ADDITION TO DRAWER APRONS, LA SAÛNOISE ALSO MANUFACTURES DRAWER CROSS-PIECES AND CROSS-PROFILES FOR LINING AND FRAMING DOORS AND FURNITURE.



### DESCRIPTION

Standard Profile: 60 x 16 mm

Width up to 100/120 mm, standard thickness 12.5 mm

Standard profile in MDF, 16 and 19 mm thicknesses (optional 30 or 35 mm thicknesses)

Paper, PP, PVC and high-gloss PVC wrapping

Polyurethane adhesive: water-repellent properties

Solid wood profile

### AREAS OF APPLICATION

Cross-pieces for drawers and furniture

Bed frames, cabinet stiles

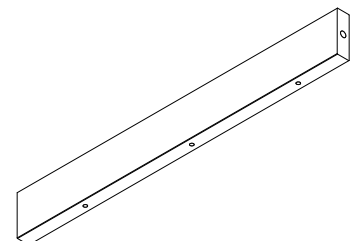
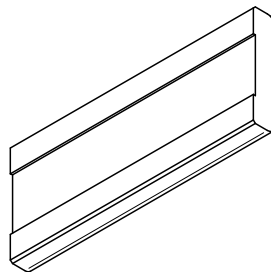
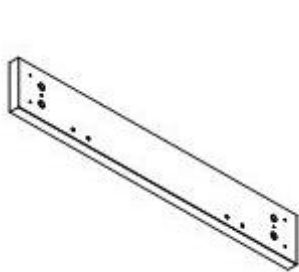
Profiles for furniture coverings and finishings: stiles, trims, plinths

### MACHINING & FINISHING

Grooves and cut-outs on request

Holes on ends and sides

Banding of unwrapped edges possible



Functionnal Diagrams

# PROFILES

## Wooden and wrapped bed sides

WE SUPPLY MANUFACTURERS OF BEDDING OR MEDICAL FURNITURE WITH SHORT AND LONG SIDES THAT ARE ALSO SUITABLE FOR THE INTERIOR OF HEIGHT-ADJUSTABLE BEDS.



Functional Diagram

### DESCRIPTION

50 x 20 mm internal sections

90/120 x 22 mm external sections

Solid beech or beech plywood

MDF, chipboard or combi plywood (various woods) +MDF (mainly used for decorative elements): 2 faces + 2 edges wrapped in PVC, PP or paper

### MACHINING & FINISHING

4 sanded or varnished faces

Milling and drilling on 4-axis NC

Placement of inserts

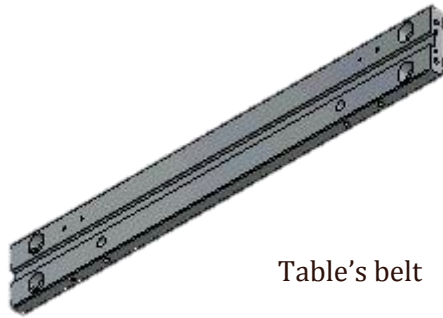
Chamfered right-angled edges, and rounded edges

Banding of unwrapped edges possible

Special composition of bedding for long sides in beech plywood: 2 cross grains and 9 long grains

# PROFILES

## Table aprons and legs



Table's belt

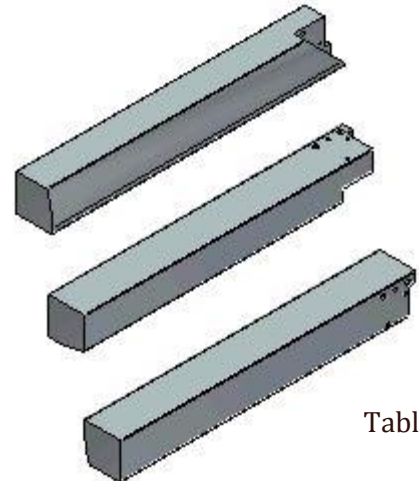


Table legs

### DESCRIPTION OF STRAIGHT PARTS

Apron or leg

100% solid beech

100% MDF

Birch plywood combi interior for mechanical strength and MDF exterior for paper wrapping

### DESCRIPTION OF ROUND OR OVAL PARTS

Apron

Core in MDF / okoume

Exterior: fine wood veneer

Interior: anigre backing

### DESCRIPTION OF HOLLOW PARTS

Leg

Max. section 96x96

Hollow profile in MDF (weight gain)

Wrapped with paper or plastic foil

### AREAS OF APPLICATION

Dining rooms

Living rooms

Kitchens

### MACHINING&FINISHING

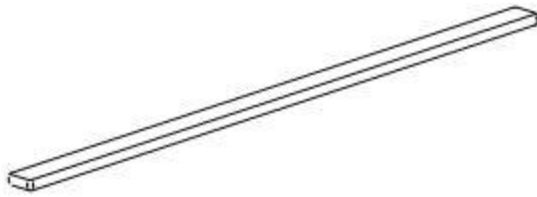
4-and 5-axis NC machining

Placement of inserts M6-M8-M10

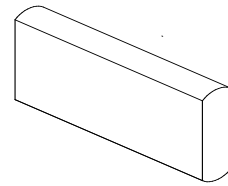
# PROFILES

## Bench slats

WE SUPPLY SOLID WOOD BENCH SLATS TO MANUFACTURERS OF OUTDOOR AND INSTITUTIONAL FURNITURE.



Solid beech bench slats



Solid beech sections

### DESCRIPTION

Solid beech

Standard thickness: 22 mm

### AREAS OF APPLICATION

Indoor use for changing room benches

Outdoor use: public benches (with protective varnish)

### MACHINING & FINISHING

Right-angled edges rounded off

Sanding

NC drilling

Clear varnish

Injury-proof: no sharp edges on surfaces and ends  
4-axis NC used to round off all edges on bench slats

# MOULDED FRONTS

## Moulded fronts and panels for doors and drawers:

WE MANUFACTURE MOULDED PARTS FINISHED WITH HIGH-FREQUENCY PRESSES.  
OUR DESIGN DEPARTMENT IS AT YOUR DISPOSAL TO HELP YOU ACHIEVE YOUR PROJECTS.



Functional Diagrams

### DESCRIPTION

Parts in MDF plywood or combined chipboard/MDF  
Standard thickness: 15, 18 or 21 mm  
Glued, pressed, rough shaped  
Any size to order

### FINISHING

Surfaces:

Faces coated with paper, melamine, laminate, sliced veneers

Treatment: polyester primer, PU varnish or high-gloss lacquer

Machining for hinges, edges drilled on 5-axis NC

Edges:

Edges coated with melamine, laminate, PVC, ABS or wood veneer

Treatment: polyester primer, PU varnish or matt, satin or high-gloss lacquer

#### Polyurethane lacquering

We specialise in lacquering moulded parts for small and medium series of up to 500 parts.

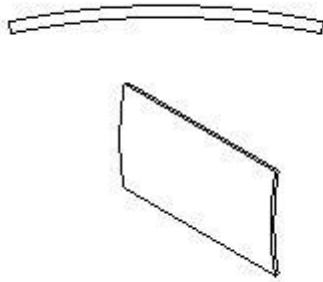
We have our own non-robotic painting and lacquering booth with manual spray gun injection, and offer various colours on request, in matt, satin and high-gloss finishes.



# MOULDED FRONTS

## Moulded head-boards

WE MANUFACTURE MOULDED PARTS FINISHED WITH HIGH-FREQUENCY PRESSES.  
OUR DESIGN DEPARTMENT IS AT YOUR DISPOSAL TO HELP YOU ACHIEVE YOUR PROJECTS



Functional Diagram



Head-boards with decorative paper and veneered edges

### DESCRIPTION

Parts in MDF plywood or combined chipboard/MDF  
Standard thickness: 15, 18 or 21 mm  
Glued, pressed, rough shaped  
Any size to order

### FINISHING

Surfaces:  
Faces coated with paper, melamine, laminate, sliced veneers  
Treatment: polyester primer, PU varnish or high-gloss lacquer  
Machining for hinges, edges drilled on 5-axis NC

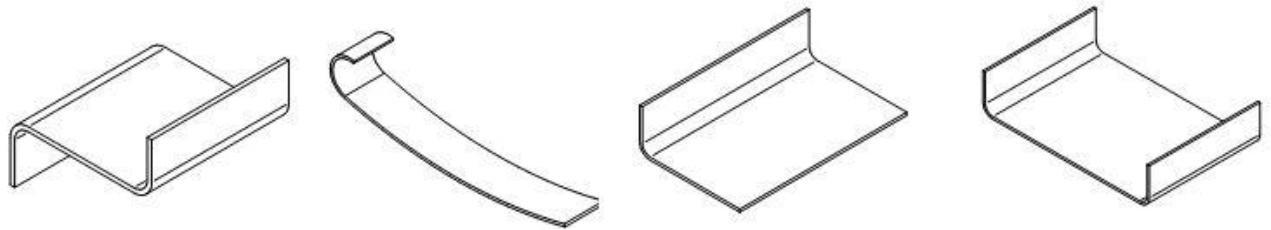
Edges:  
Edges coated with melamine, laminate, ABS or wood veneer  
Treatment: polyester primer, PU varnish or matt, satin or high-gloss lacquer

Paper calendered on 3 mm MDF before pressing  
Curved edges can be mechanically veneered up to a span of 55 mm; manual veneering for larger spans

# BENT PARTS

## L-shaped and U-shaped parts and stair risers

THANKS TO OUR LIBRARY OF MOULDS FOR HIGH-FREQUENCY PRESSES, WE ARE ABLE TO PRODUCE COMPONENTS IN A VARIETY OF SHAPES AND SIZES BOTH FOR FURNITURE AND FOR BUILDING ACTIVITIES.



Opposing mouldings

Stair risers

Corner doors

Changing tables

### DESCRIPTION

Parts in MDF, or okoume or combined veneer

Standard thickness: 15, 18 or 21 mm

Glued, pressed, rough shaped

Any size to order

### AREAS OF APPLICATION

Furniture :

Door and drawer fronts

Changing tables

Buildings:

Window sills

Design project development

### MACHINING & FINISHING

Veneering with laminate or fine wood veneers

Priming, lacquering

Holes and placement of inserts

Edges treated with linseed oil

Machining on 5-axis NC

Optional veneering of edges

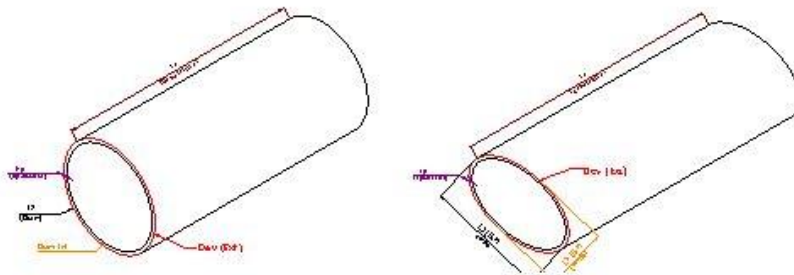
Manufacture of specific moulds



# BENT PARTS

## Round and oval one-piece bent parts

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### DESCRIPTION

Parts in MDF plywood or combined chipboard/MDF  
 Standard thickness: 15, 18 or 21 mm  
 Glued, pressed, rough shaped  
 Any size to order  
 Max. height (L1) = 450 mm

### MACHINING & FINISHING

Cylinders cut vertically or in transverse bands  
 Veneering with fine wood veneers  
 Squared parts  
 Priming, lacquering  
 Visible join < 1 mm (otherwise approx. 5 mm)

### AREAS OF ACTIVITY

Furniture:  
 Round or oval table aprons  
 Reception desks  
 Buildings:  
 Bent parts  
 Quarter-round, half-round and round parts  
 Bull's-eye windows, risers  
 Design project development

Specific moulds manufactured on request

## MOULD LIBRARY

*We have a large library of moulds at your disposal for all your moulded and bent parts.*

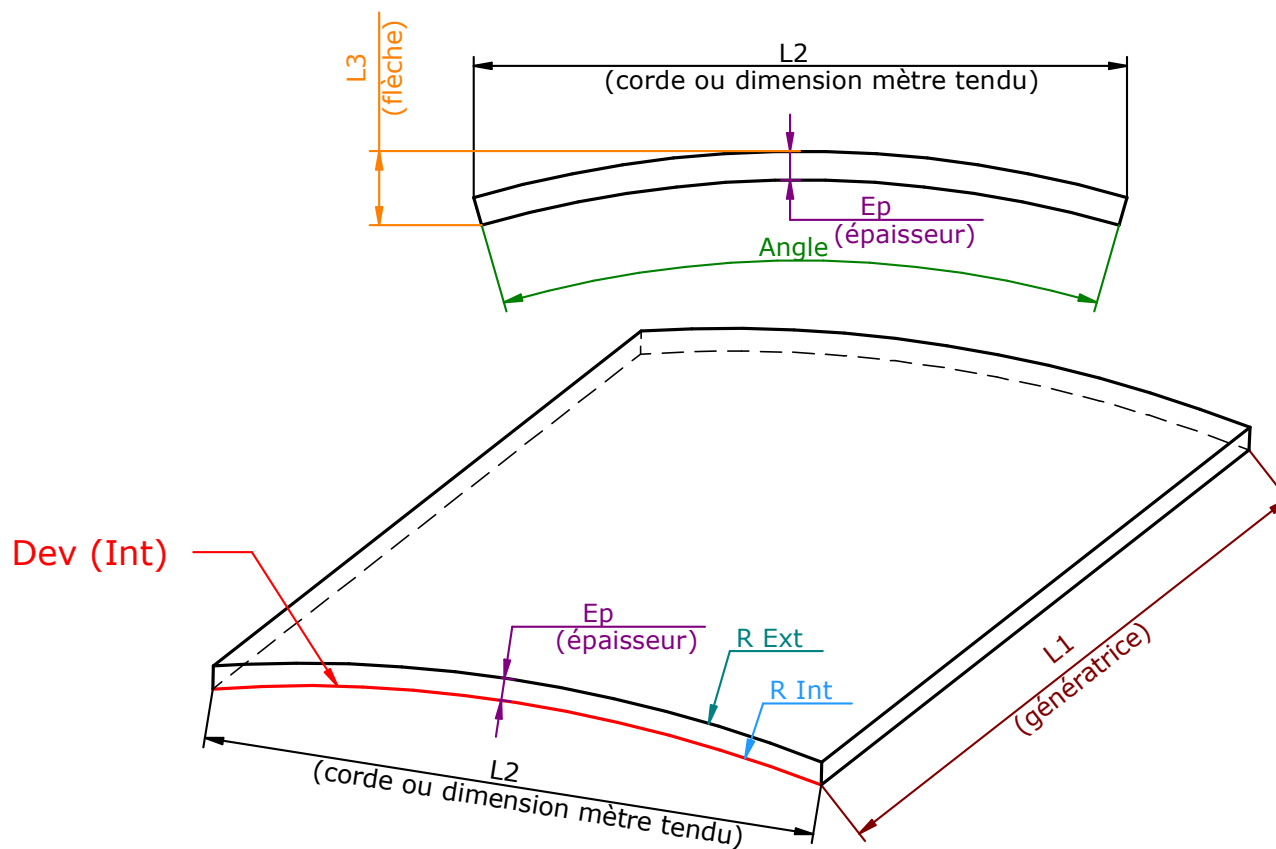
*We can also manufacture custom moulds should you have any special requirements.*

### Market segments:

- Single radius Saôneise mould
- L-shaped Saôneise mould
- U-shaped Saôneise mould
- Special U-shaped mould
- Round and oval one-piece Saôneise mould

# MOULDED FRONTS

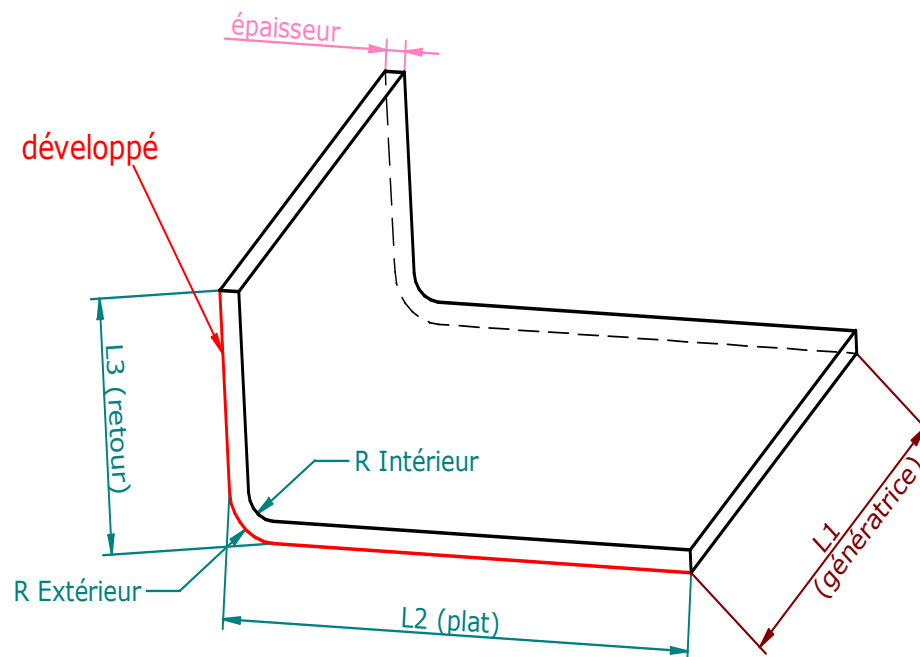
## Single Radius Saôneise mould



Name of Saôneise mould	L1 I leading edge (in mm) working surface	L2 chord or inner linear length (in mm)	Dev (In) arc or inner developed width (in mm)	L3 height or outer rise (in mm)	Th maximum thickness of part (in mm)	Inn. r. p. minimum inner radius of part(in mm) (in mm)	Angle maximum angle of part (in °)
<b>Single Radius High-frequency Moulds</b>							
<b>R 706</b>	1350	750	810	123	20	710	63
<b>R 895 K</b>	610	510	580		16	895	
<b>R 900</b>	1420	510	517	53	18	900	32
<b>R 1046</b>	750	1057	1127	161	18	1050	60
<b>R 1525</b>	1480	750	758	64	18	1524	28
<b>R 2220</b>	420	1670	1680	28	21	2220	11
<b>R 3329</b>	750	1550	1570	82	21	3329	
<b>R 27930</b>	500	1350	1352	8	250	27680	
<b>Single Radius Steam Moulds</b>							
<b>R 300 V</b>	600	450	501	105	7-8-14-15-16 (possibly 6)	300	91
<b>R 450V</b>	620	550	588	105	from 6 to 10 and from 16 to 20 mm	450	72
<b>R 560V</b>	700	700	756	122	25	560	68
<b>R 900V</b>	500	950	998	149	5 to 20 for small dim. 12 mm if L2 > 500 mm	900	62

# BENT PARTS

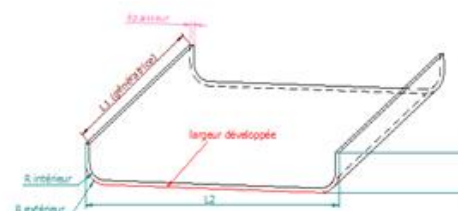
## L-shaped Saôneise moulds



Name of Saôneise mould	L1 leading edge (in mm)	L2 (flat) (in mm)	Dev Outer developed length (in mm)	L3 (return) height (in mm)	Th maximum thickness of part (in mm)	Inn. r. p. minimum inner radius of part(in mm) (in mm)
<b>L-shaped high-frequency moulds</b>						
<b>L 870 C</b>	920	840	1237	370	36	41
<b>L 650 C</b>	1000	620	1267.4	620	30	46
<b>L 1500</b>	1500	380	725	380	19	80

# BENT PARTS

## U-shaped Saôneise mould



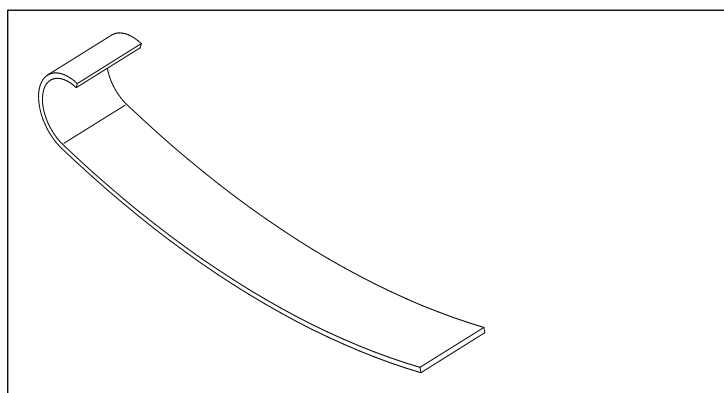
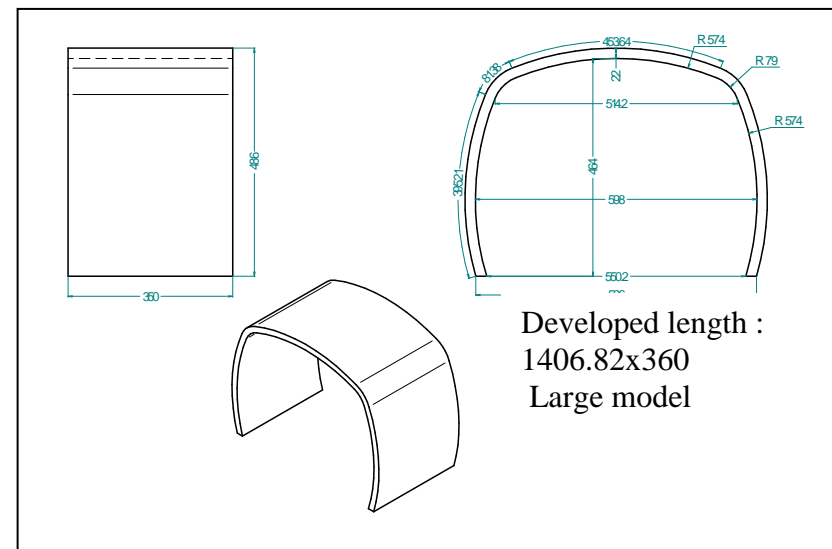
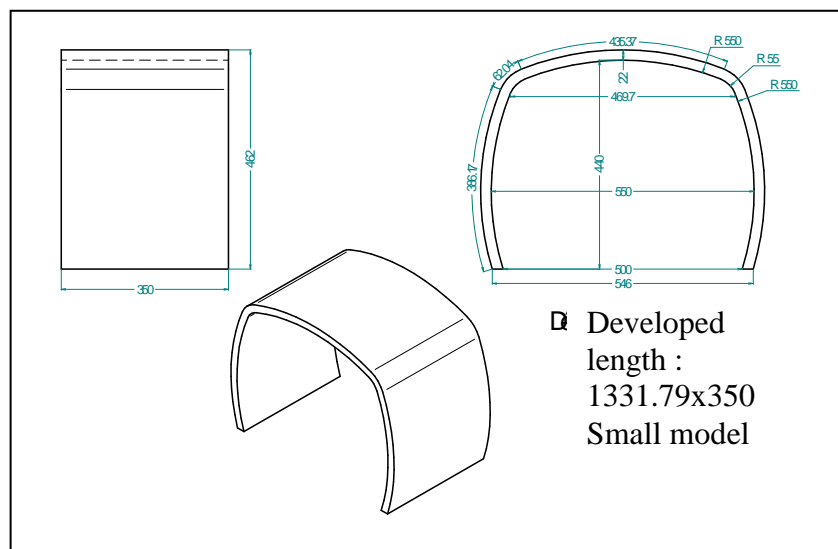
Name of Saôneise mould	L1 leading edge (in mm)	L2 (in mm)	Dev Outer developed length (in mm) Maxi 1950 = L2 + 2L3	L3 height (in mm)	Th maximum thickness of part (in mm)	Inn. r. p. minimum inner radius of part (in mm)
U-shaped high-frequency moulds						
U 500	770	500		30	15	54
U 571	500	571	651	30	15	55
U 600 C	1200	600	756,48	80	20	54
KOH04	610	1095	1120	60	15	54
U 1110	1170	1110	1291	90	8	60
U 734	790	704	1097,05	185	12	59
CM1	138	340	2100	870	12	160
CM2	138	340	1400	870	13	160
U 556	450	556	740	130	16	70
U-shaped mini Press						
U 558	560	515	651	100	15	48



# BENT PARTS

## Special U-shaped mould and stair risers

### SPECIAL U-SHAPED MOULDS

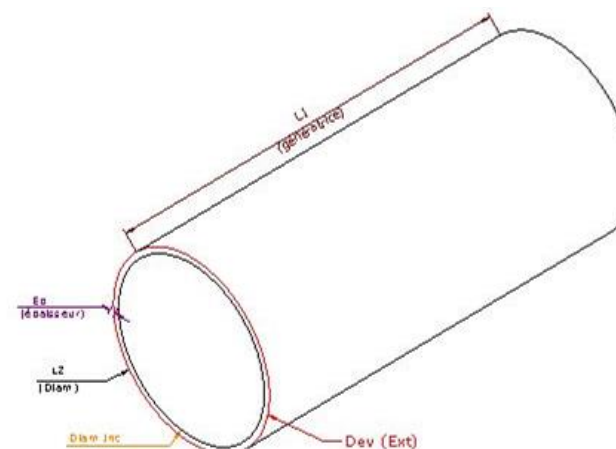


STAIR RISERS

# BENT PARTS

## Round One-piece Saôneise Moulds:

Name of Saôneise Mould	L1 Leading edge (in mm)	Minimum inner diameter (in mm)	L2 (Diam) outer diameter (en mm) *	Dev outer diameter (in mm)	Th : maximum thickness of part (in mm)
<b>Round One-piece High frequency Mould</b>					
D 450 C	450	384	450	1414	18, 21 or 30
D 500 C	450	384	500	1571	18, 21 or 30
D 510 C	450	384	510	1602	18, 21 or 30
D 550 C	450	494	550	1728	18, 21 or 30
D 560 C	450	494	560	1759	18, 21 or 30
D 580 C	450	494	580	1822	18, 21 or 30
D 600 C	450	494	600	1885	18, 21 or 30
D 650 C	450	594	650	2042	18, 21 or 30
D 665 C	450	604	665	2089	18, 21 or 30
D 750 C	450	694	750	2356	18, 21 or 30
D 810 C	450	694	810	2545	18, 21 or 30
D 850 C	450	774	850	2670	18, 21 or 30
D 900 C	450	774	900	2827	18, 21 or 30
D 940 C	450	864	940	2953	18, 21 or 30
D 1000 C	450	954	1000	3142	18, 21 or 30
D 1010 C	450	954	1010	3173	18, 21 or 30
D 1050 C	450	954	1050	3299	18, 21 or 30
D 1100 C	450	954	1100	3456	18, 21 or 30
D 1220 C	450	1184	1220	3833	18, 21 or 30
D 1250 C	450	1184	1250	3927	18, 21 or 30
D 1350 C	450	1184	1350	4241	18, 21 or 30

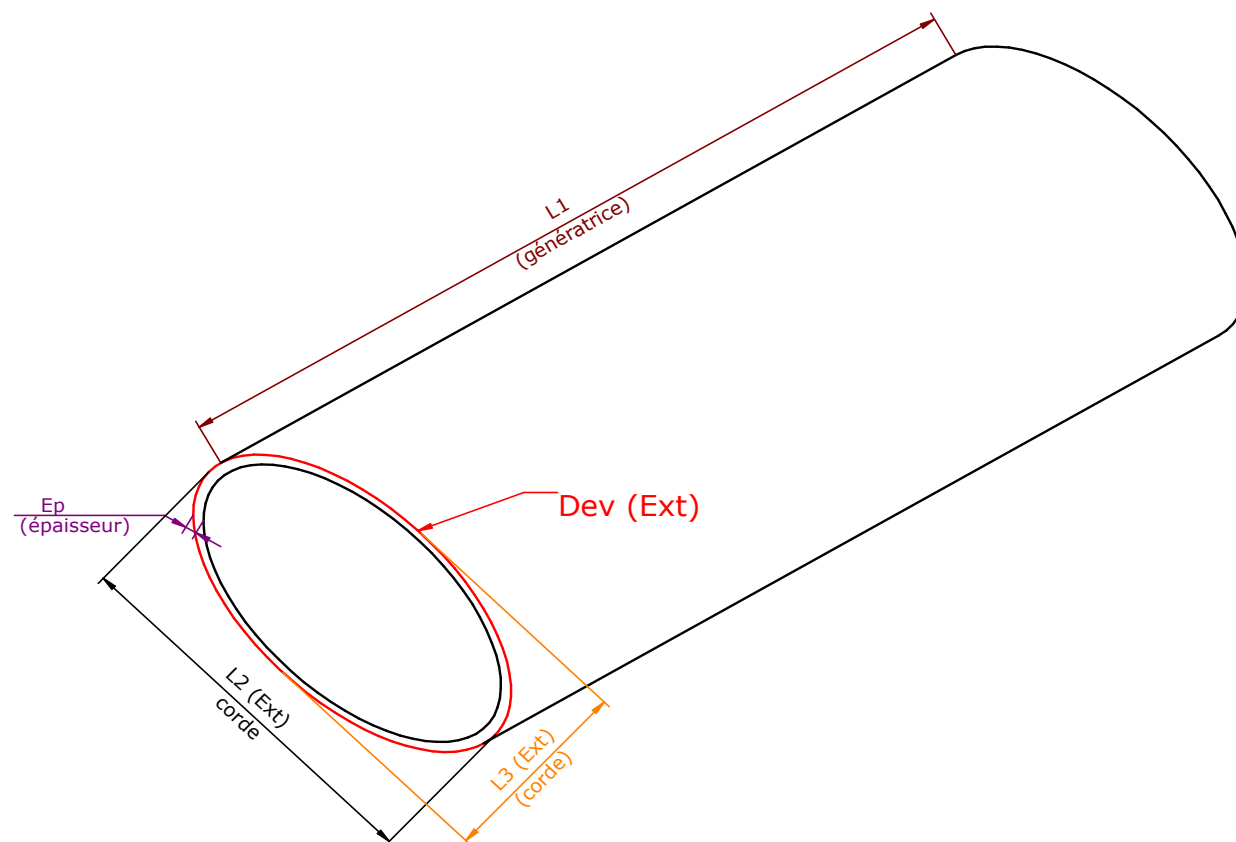


Name of Saôneise mould	L1 leading edge (in mm)	L2 (Diam) outer diameter (in mm) *	Dev Outer developed length (in mm)	Th: maximum thickness of part (in mm)
<b>3/4-Round One-piece High-frequency Mould</b>				
D 748 C	450	748	2350	22
<b>1/2-Round One-piece High-frequency Mould</b>				
D 1020 C	450	1020	3204	22

*\* Any other diameter requires a new tooling outfit to be made*

# BENT PARTS

## Oval one-piece Saônoise Mould



# BENT PARTS

## One-piece Saôneise Moulds

Name of Saôneise mould	L1 leading edge (in mm)	Outside			Inside		Th maximum thickness of part (in mm)	Number of decks per press
		L2 (Out.) long length of chord (in mm)	L3 (Out.) short length of chord (in mm)	Dev (Out.) Outer developed length (in mm)	L2 (In.) long length of chord (in mm)	Dev (In.) Inner developed length (in mm)		
Oval One-piece High-frequency Mould								
O 705 C	450	705	555	1986	645	1798	30	1
O 745 C	450	745	655	2201	685	2013	30	1
O 845 C	450	845	655	2366	785	2177	30	1
O 1000 C	450	1000	600	2553	960	2427	20	1
O 1260 C	450	1260	830	3318	1215	3177	23	1
O 1490 C	450	1490	1020	3978	1445	3836	23	1
O 1500 C	450	1500	930	3880	1455	3729	23	1
O 1530 C	450	1530	930	3922	1485	3781	23	1

Name of Saôneise mould	L1 leading edge (in mm)	Outside			Inside		Th maximum thickness of part (in mm)	Number of decks per press
		L2 (Out.) long length of chord (in mm)	L3 (Out.) short length of chord (in mm)	Dev (Out.) Outer developed length (in mm)	L2 (In.) long length of chord (in mm)	Dev (In.) Inner developed length (in mm)		
3/4-Oval One-piece High-frequency Mould								
O 510 C	450	510	400	1076	470	982	20	1
1/2-Oval One-piece High-frequency Mould								
O 510 C	450	510	400	717	470	655	20	1
O 950 C	450	950	845	1411	905	1340	23	1
O 1010 C	450	1010	900	1501	965	1431	23	1
O 1020 C	450	1020	740	1391	975	1321	23	1

# Appendix

## Other Saôneise products



### Institutions

Stools, seats & backrests, shells: schools, universities, performance halls, cinemas, town halls



### Industry

Workbenches and worktops on beech plywood, MDF & chipboard with different types of coatings such as laminate, compact, linoleum, rubber, PVC, Pictura, Eterboard



### Riding Arenas

Moulded kickboards in combined okoume-poplar: wall protection for arenas in riding centres