



***SANDING IDEAS – IDEAS TO GET THE JOB DONE !***

## Company Profile

- a. Ownership
- b. Philosophy
- c. Group Structure
- d. Group Location
- e. Production Facilities
- f. Key Markets
- g. Reference Customers
- h. Examples of Widebelt Sanders
- i. Edge-Sander Series

a. OWNERSHIP:

Upon the foundation in the year 1945 in Zürich, Armin Kündig laid the basis for a company, which has become one of the leading manufacturers of top class sanding machines.

The KÜNDIG AG has kept the character of a medium family enterprise. All shares are in the hands of the family.

The company is managed by Stephan Kündig (Engineer HTL), Lukas Kündig (MSc ETH Engineer) and by Hansruedi Kündig (MBA).



Stephan Kündig

Lukas Kündig

Hansruedi Kündig

## b. PHILOSOPHY

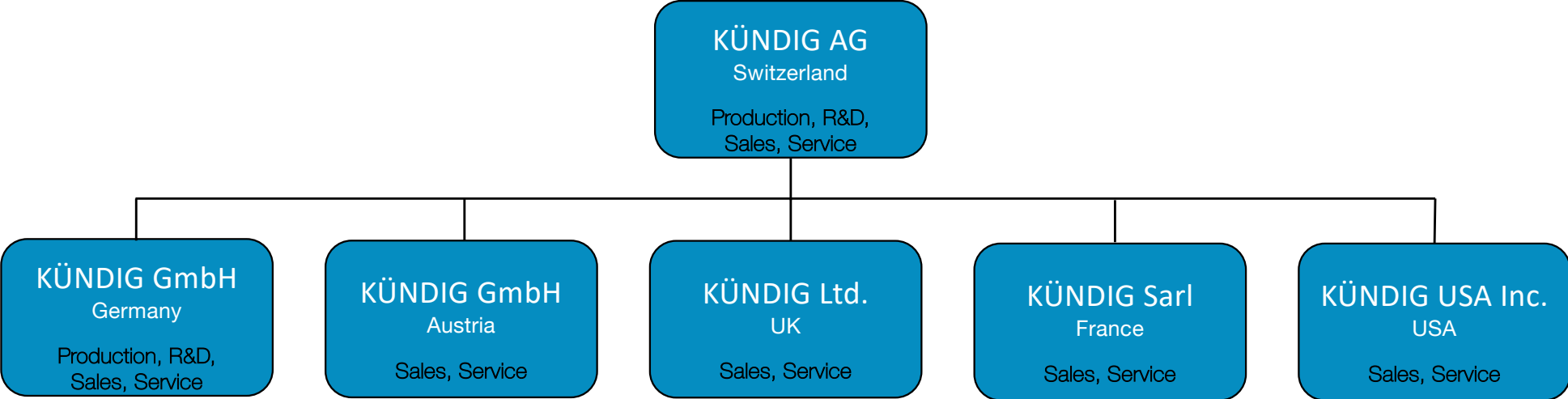
Part of the KÜNDIG Group's corporate philosophy is knowing today what our customers will need tomorrow.

Quality, creativity, dynamism, innovation and environmental care are thus the key to our economic success and strong market position.

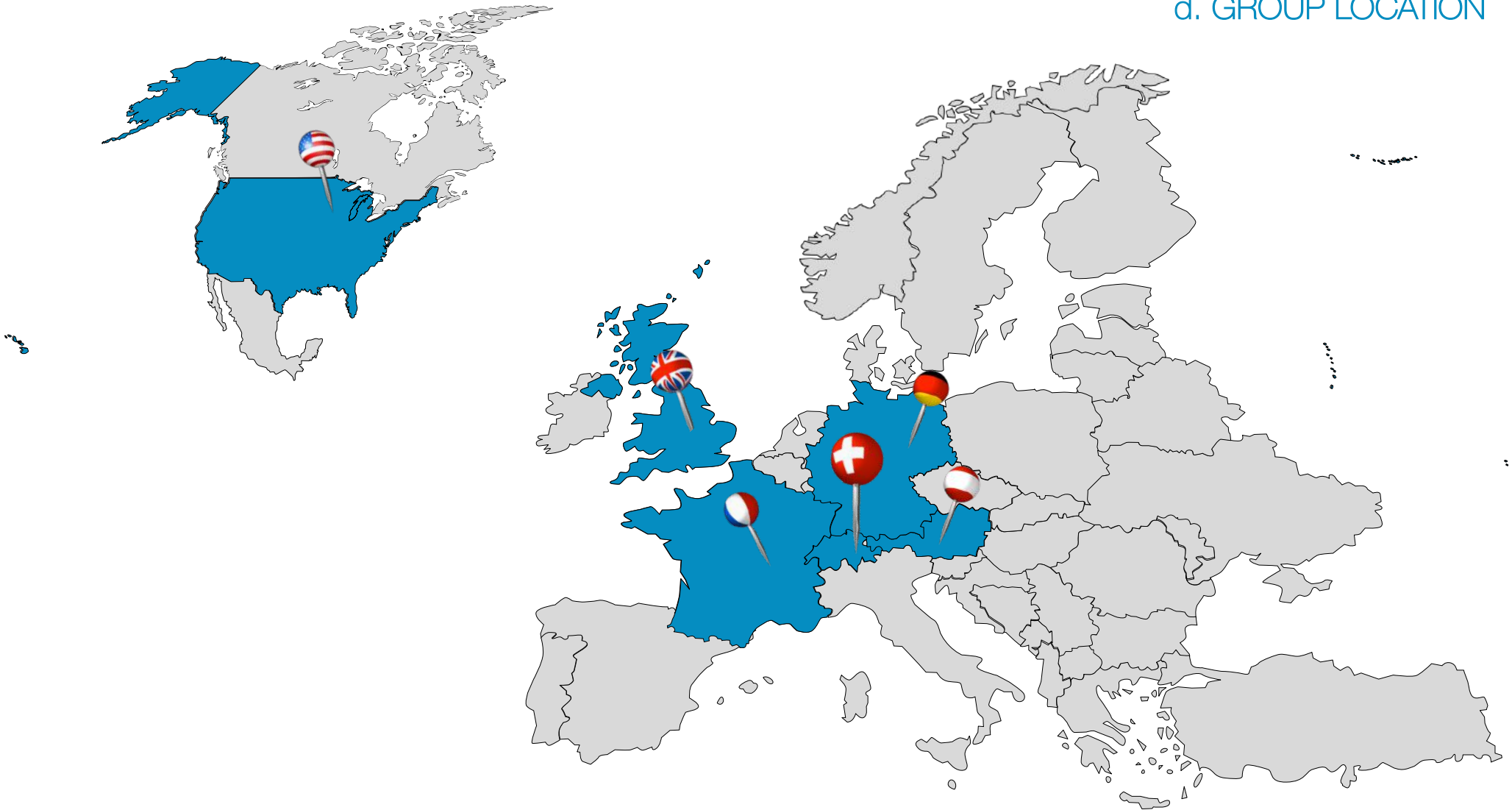
The KÜNDIG Group already knows the challenges facing both humans and machines in the coming years, we understand our customers requirements and are developing ideas to meet them with...

***... SANDING IDEAS – IDEAS TO GET THE JOB DONE !***

c. GROUP STRUCTURE



d. GROUP LOCATION



e. PRODUCTION FACILITIES



KÜNDIG AG, Switzerland



KÜNDIG GmbH, Germany

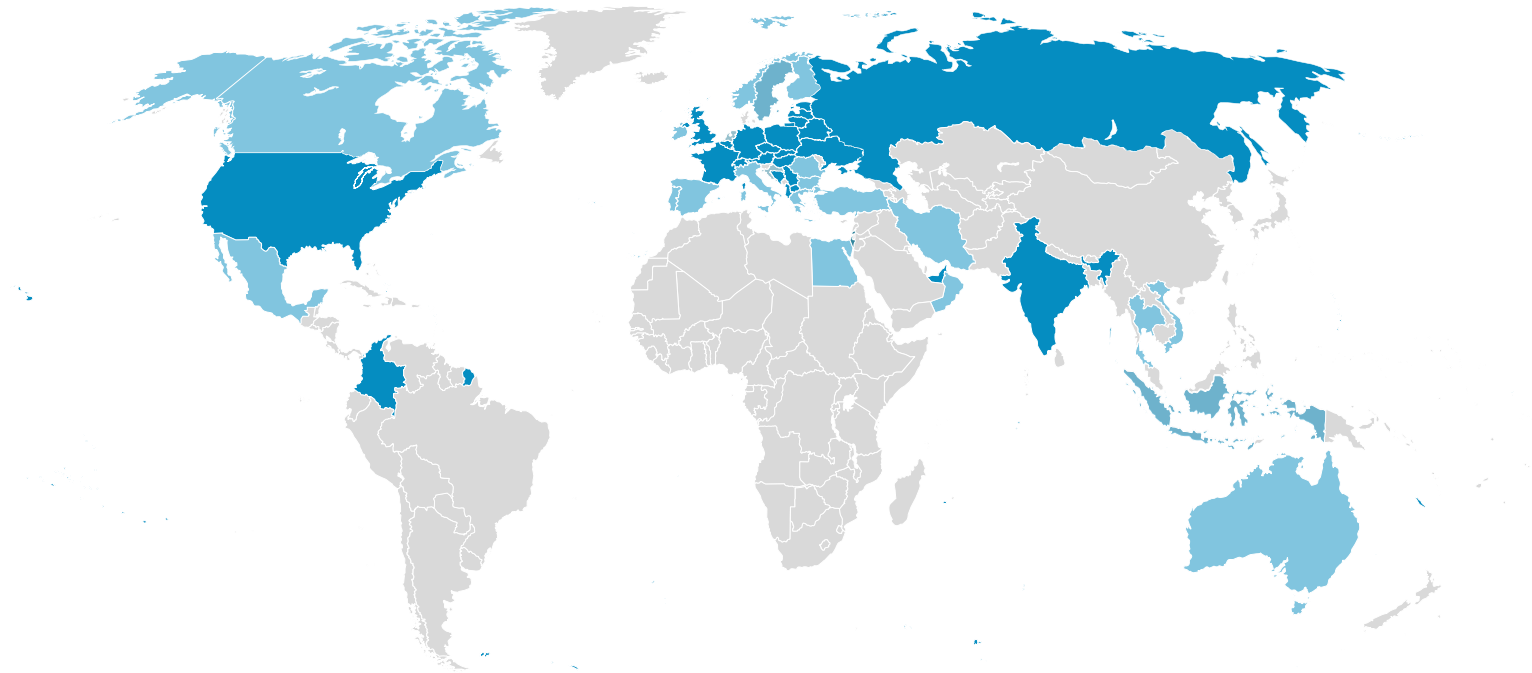


e. PRODUCTION FACILITIES

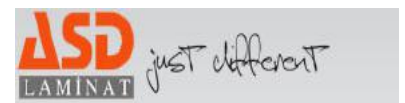




WORLDWIDE SALES & SERVICE



g. Reference Customer

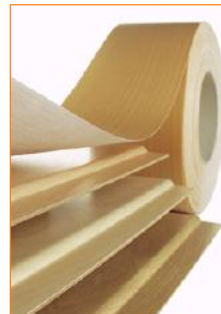


## 'VENEER EDGE-BANDING PRODUCTION': High speed Roller Coating Line



HEITZ real veneer edge-banding:

- ✓ High speed roller coating UV-Line
- ✓ 3 shift operation
- ✓ up to 33 m/min (100 FPM)
- ✓ Sander equipped with KÜNDIG





'FURNITURE PRODUCTION': High speed Roller Coating Line



BEROTU furniture production for IKEA:

- ✓ High speed roller coating UV-Line
- ✓ 3 shift operation
- ✓ up to 50 m/min (150 FPM)



[SUPER.HIGH.SPEED.UV.LINE'](#)



TECHNIC – 5 – 1350 – RRR-EEd

- ✓ Wood sander
- ✓ 1350 mm (53") working width
- ✓ Belt length 3250 mm (128")
- ✓ Equipped with KÜNDIG

 **ECS Eco Cleaning System**

'FURNITURE PRODUCTION': High speed Roller Coating Line



BEROTU furniture production for IKEA:

- ✓ High speed roller coating UV-Line
- ✓ 3 shift operation
- ✓ up to 50 m/min (150 FPM)



SUPER HIGH SPEED UV-LINE



TECHNIC – 3 – 1350 – R-EEed-LL

- ✓ Lacquer sander
- ✓ 1350 mm (53") working width
- ✓ Belt length 3250 mm (128")
- ✓ Equipped with KÜNDIG

 ECS Eco Cleaning System



'FURNITURE PRODUCTION': High speed Roller Coating Line



BEROTU sanders 'IMPRESSIONS'



## 'FURNITURE PRODUCTION': Standard Roller Coating Line



Mebel Chernozimia furniture production:

- ✓ Roller coating UV-Line
- ✓ 3 shift operation
- ✓ up to 25 m/min (75 FPM)

TECHNIC – 2 – 1350 – GEd-LL

- ✓ Lacquer sander
- ✓ 1350 mm (53") working width
- ✓ Belt length 3250 mm (128")
- ✓ Equipped with KÜNDIG



'FURNITURE PRODUCTION': High speed Spraying-Line



BEROTU furniture production for IKEA:

- ✓ High speed spraying UV-Line
- ✓ up to 20 m/min (60 FPM)
- ✓ 3 shift operation



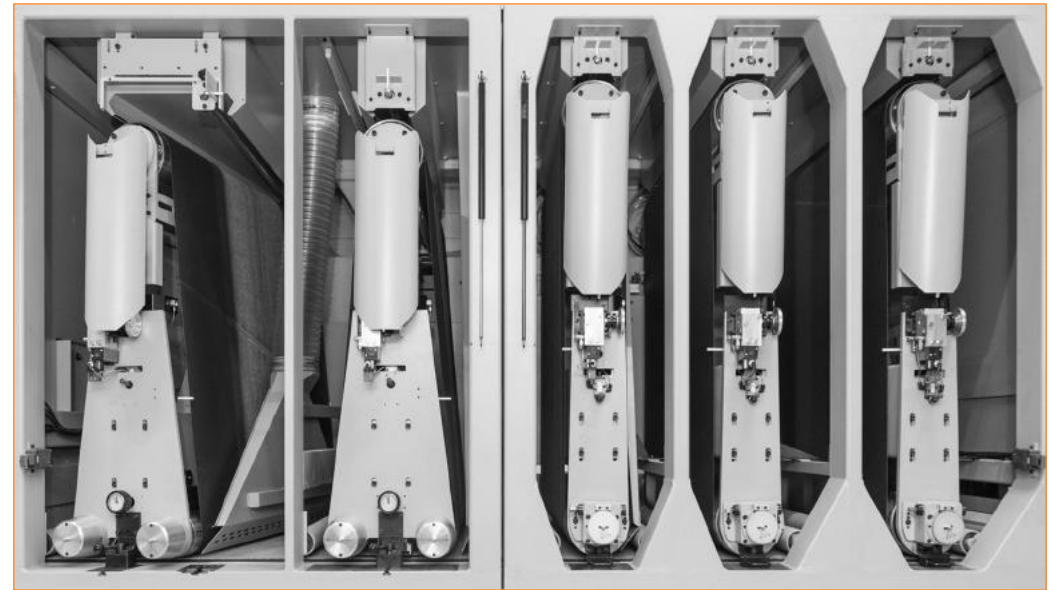
TECHNIC – 4 – 1350 – RR-EEed

- ✓ Wood sander
- ✓ 1350 mm (53") working width
- ✓ Belt length 3250 mm (128")
- ✓ Equipped with KÜNDIG

 **ECS Eco Cleaning System**

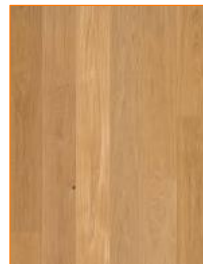


## 'FLOORING PRODUCTION': High speed Roller Coating Line



BAUWERK flooring production:

- ✓ High speed roller coating UV-Line
- ✓ up to 40 m/min (120 FPM)
- ✓ 3 shift operation



TECHNIC – 5 – 1350 – RRR-EEd

- ✓ Wood sander
- ✓ 1350 mm (53") working width
- ✓ Belt length 3250 mm (128")
- ✓ Equipped with KÜNDIG



*'FLOORING PRODUCTION': High speed Roller Coating Line*



TECHNIC-BOTEX – 1 – 1350 – G

- ✓ Wood sander / bottom
- ✓ 1350 mm (53") working width
- ✓ Belt length 2000 mm (79")
- ✓ Equipped with KÜNDIG



TECHNIC – 5 – 1350 – RRR-EEed

- ✓ Wood sander / top
- ✓ 1350 mm (53") working width
- ✓ Belt length 3250 mm (128")
- ✓ Equipped with KÜNDIG



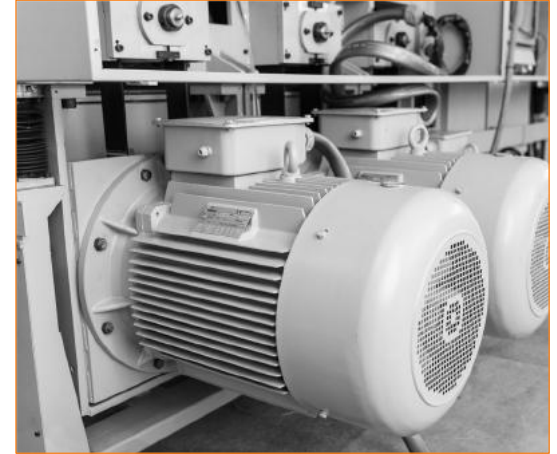
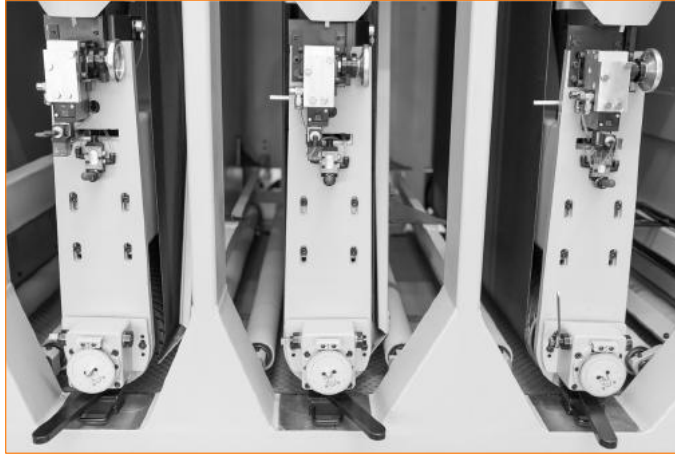
TECHNIC – 3 – 1350 – R-EEed-LLL

- ✓ Lacquer sander / top
- ✓ 1350 mm (53") working width
- ✓ Belt length 3250 mm (128")
- ✓ Equipped with KÜNDIG

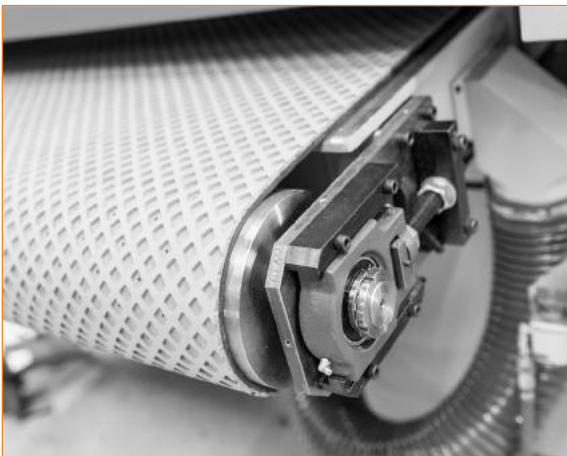




*'FLOORING PRODUCTION':* High speed Roller Coating Line



BAUWERK sanders 'IMPRESSIONS'



'FLOORING PRODUCTION': Roller Coating Line



Germany flooring production:

- ✓ Roller coating UV-Line
- ✓ up to 25 m/min (75 FPM)
- ✓ 3 shift operation

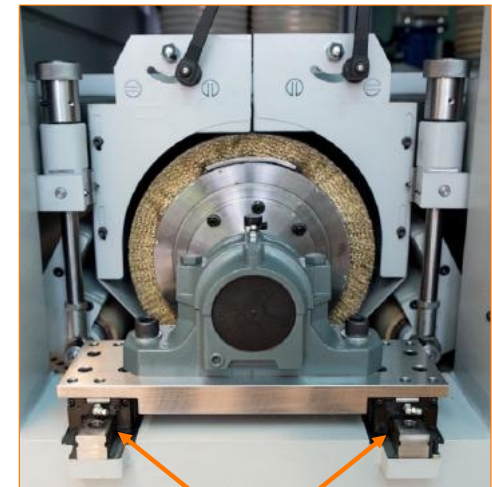


France flooring production:

- ✓ Roller coating UV-Line
- ✓ up to 25 m/min (75 FPM)
- ✓ 2 shift operation



## 'FLOORING PRODUCTION': High Speed Texturing Machines




Oscillating brush

Machines installed at flooring manufacturers:

- ✓ Texturing machine
- ✓ 1350 mm (53") working width
- ✓ up to 30 m/min (90 FPM)
- ✓ 3 shift operation

 [Extreme heavy TEXTURING machine](#)

 [SAW FINISHING](#)

'SOLID WOOD PRODUCTION': TOP & BOTTOM Machines



EUROPE furniture manufacturer:

- ✓ Wood sander
- ✓ 1350 mm (53") working width
- ✓ Workpiece thickness 2,5 mm (1/10")
- ✓ 3 shift operation
- ✓ Extreme heavy and customized execution
- ✓ Equipped with KUNDIG

 ECS Eco Cleaning System

*'SOLID WOOD PRODUCTION': TOP & BOTTOM Machines*



JOHN BOOS 'butcher blocks & table top' manufacturer:

- ✓ Workpiece thickness up to 500 mm (20")
- ✓ Workpiece weight up to 700 kg (1550 lbs)
- ✓ 3 shift operation
- ✓ Extreme heavy execution



TECHNIC-BOTOP – 7 – 1350 – MRRKd-MRK

- ✓ Wood sander
- ✓ 1600 mm (63") working width
- ✓ Belt length 2620 mm (103")
- ✓ Extra opening up to 500 mm (20")



## 'SOLID WOOD PRODUCTION': TOP & BOTTOM Machines



JOHN BOOS 'butcher blocks & table top' manufacturer:

- ✓ Workpiece thickness up to 500 mm (20")
- ✓ Workpiece weight up to 700 kg (1550 lbs)
- ✓ 3 shift operation
- ✓ Extreme heavy execution



*Transfer from TOP to BOTTOM side of the sander*



before



after

'SOLID WOOD PRODUCTION': TOP & BOTTOM Machines



OHNEMUS 'solid wood panel production':

- ✓ 2 shift operation
- ✓ heavy execution



TECHNIC-BOTOP – 6 – 1350 – RRP-RRP

- ✓ Wood sander
- ✓ Belt length 2000 mm (79")

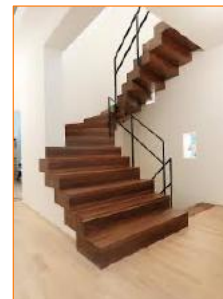


'SOLID WOOD PRODUCTION': TOP & BOTTOM Machines



FRANCE 'solid wooden staircase production':

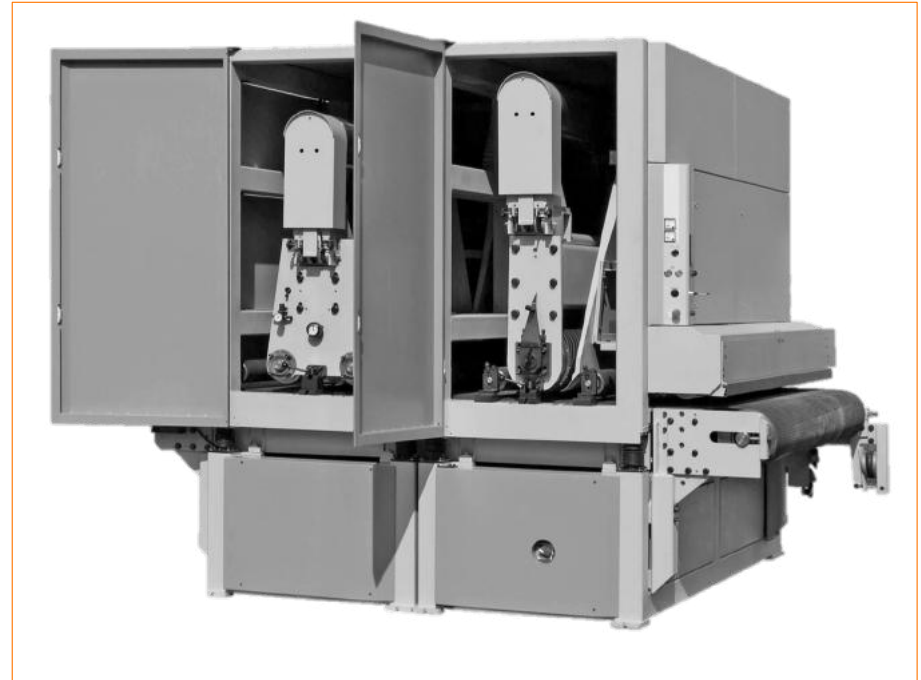
- ✓ 3 shift operation
- ✓ heavy execution



TECHNIC-BOTOP – 6 – 1350 – MRPd-RRP

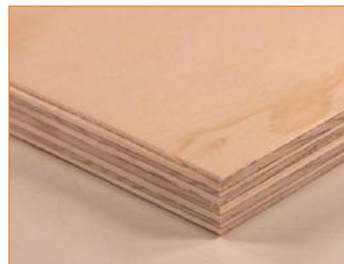
- ✓ Wood sander
- ✓ Belt length 2000 mm (79")

'PLY-WOOD PRODUCTION': TOP Machines



EUROPE 'plywood production':

- ✓ 3 shift operation
- ✓ Extreme heavy execution



TECHNIC – 2 – 2150 – RP

- ✓ Wood sander
- ✓ Working width 2150 mm (85")
- ✓ Belt length 3250 mm (128")

'CONSTRUCTION-MATERIAL PRODUCTION': TOP Machines



EUROPE & NORTH AMERICA  
'construction material production':

- ✓ 1 - 3 shift operations
- ✓ Workpiece thickness up to 850 mm (33" 1/2")

TECHNIC – 2 – 650 – RP

- ✓ Wood sander
- ✓ Working width 650 mm (26")
- ✓ Belt length 2000 mm (79")

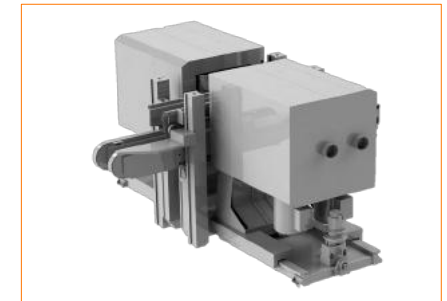
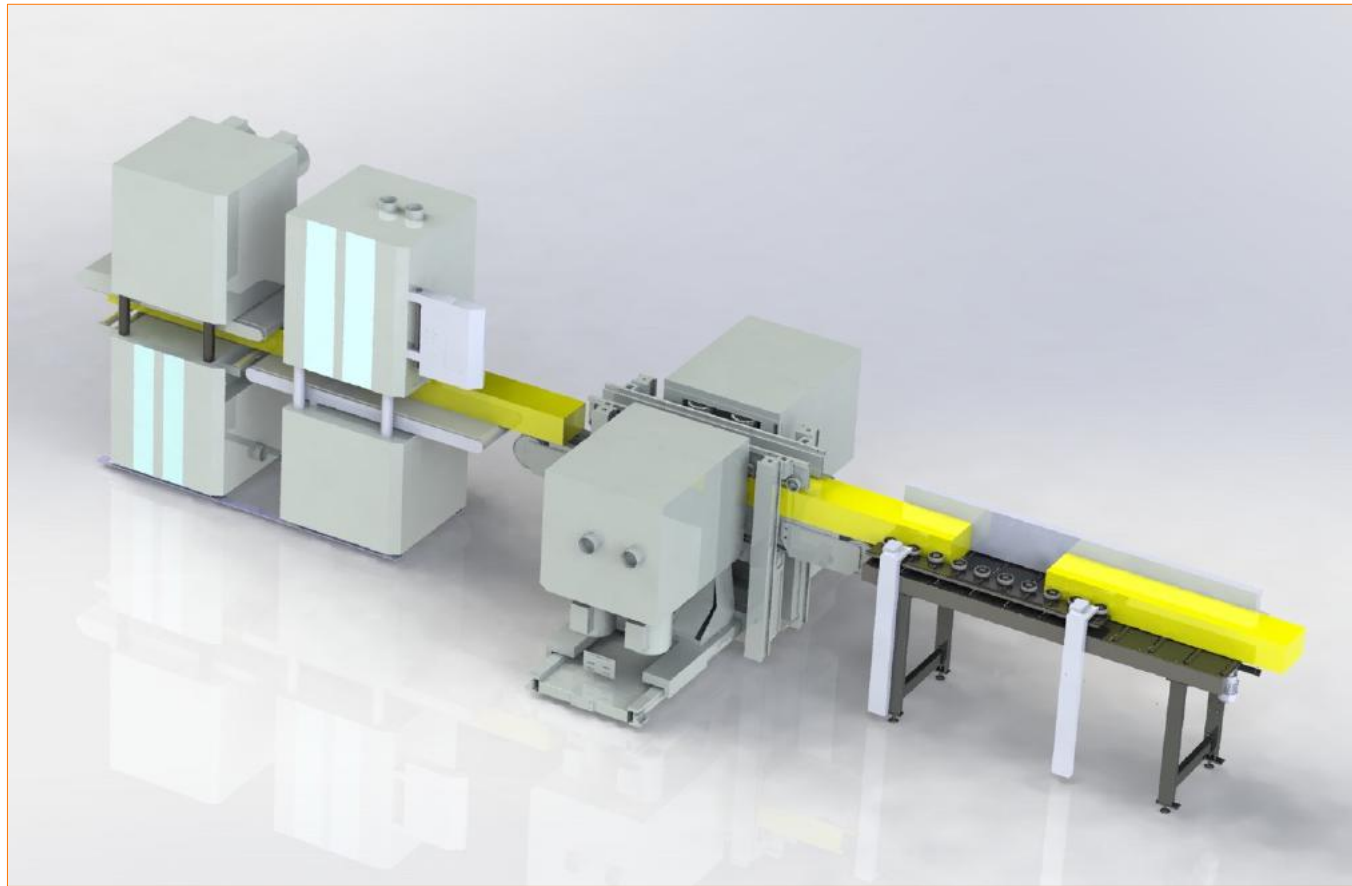




## 'CONSTRUCTION-MATERIAL PRODUCTION':

Sanding of railroad sleeper with a width/thickness up to 610 mm\* (24") from all sides in one pass.

(\*) wider width / opening on request



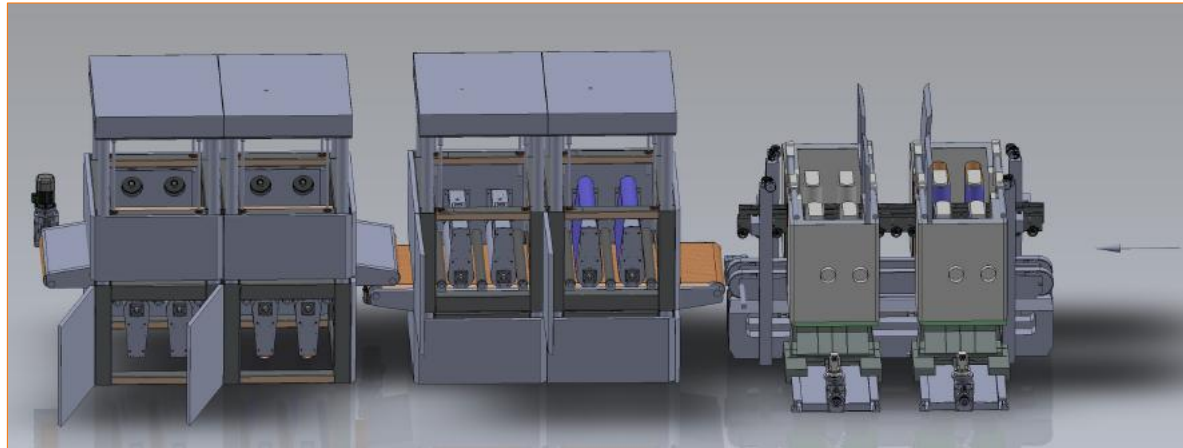
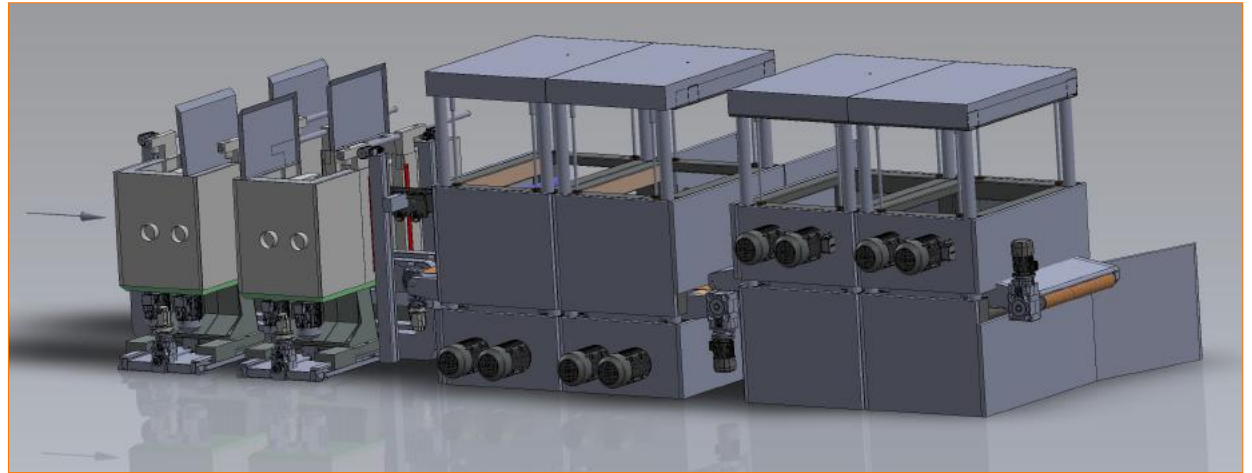
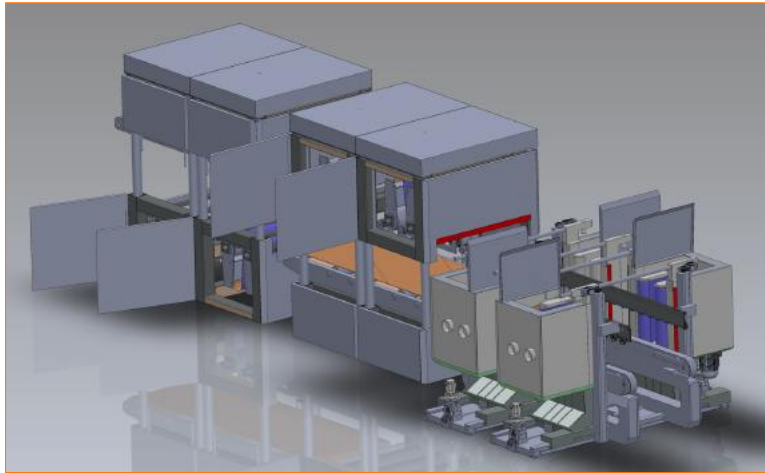
Available sanding units:

- ✓ Contact Roller(s) (steel or rubberized)
- ✓ Segmented Sanding Pad(s)
- ✓ Texturing Brush Unit(s)



# 'CONSTRUCTION-MATERIAL PRODUCTION

Special project: Sanding of beams with a width/thickness up to 850 mm (33.5") from all sides in one pass.



## 'KITCHEN DOORS & FRAMES': TOP Machines



NORTH AMERICA & EUROPE  
'finishing of 5-piece kitchen doors':

- ✓ Finishing of 5-piece kitchen doors in one pass
- ✓ Finishing of frames in one pass
- ✓ Homogenous edge rounding in one pass
- ✓ Elimination of scratches at cross grain areas



DISK BRUSH UNIT video.03

TECHNIC – 4 – 1350 – RRCdBk-L

- ✓ Wood sander & lacquer sander
- ✓ Working width 1350 mm (53")
- ✓ Belt length 2620 mm (103")



## 'KITCHEN DOORS & FRAMES': TOP Machines



 [DISK BRUSH UNIT video.1](#)

 [DISK BRUSH UNIT video.02](#)

 [DISK BRUSH UNIT video.03](#)



NORTH AMERICA & EUROPE

- ✓ The 4 sanding units allow i.e. a finishing of 5-piece kitchen doors and frames in one pass.
- ✓ Especially the combination of the BRILLIANT (oblique) unit and the Disk Brush unit avoid scratches in the cross grain areas of the workpieces very successful.
- ✓ In addition rounds the Disk Brush unit the edges of the workpieces absolutely homogenous.
- ✓ All edges doesn't matter, if inside or outside edges, have the absolute same radius or shape after brushing. No design change of the workpiece!

## 'SUPER HIGH GLOSS FINISHING': TOP Machines



NORTH AMERICA & EUROPE

- ✓ SUPER FINISHING CROSSBELT unit, developed for High Gloss applications, but also for cross veneered workpieces.
- ✓ Extreme long crossbelt up to 8,0 m (315") for production lines and long lifetime of the abrasive belt.

## 'UNIVERSAL SANDER LAYOUT': TOP Machines



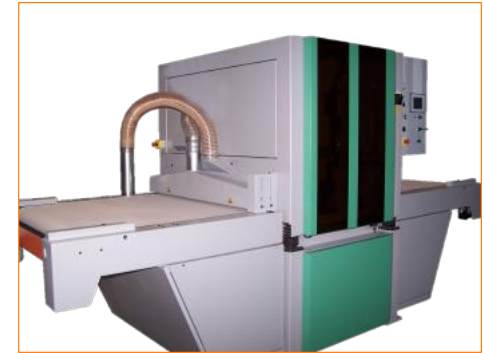
NORTH AMERICA & EUROPE

Universal sander layout for different applications:

- ✓ Calibration of solid wooden workpieces
- ✓ Finishing of solid wooden & veneered workpieces
- ✓ Finishing of kitchen doors, including edge rounding
- ✓ Sanding of cross veneered workpieces
- ✓ Lacquer sanding (also high gloss applications)
- ✓ Texturing of veneered and solid wooden workpieces
- ✓ Rough "cross saw finishing"








## 'SLICED- & ROTARY-VENEER SANDING': HIGH PRECISION SANDERS



tolerance +/- 0,02 mm (+/- .0008"), minimum workpiece thickness 0,25 mm (.01")



-  [THIN VENEER LACQUER SANDING endless](#)
-  [EXTREME THIN LAMINATED VENEER](#)
-  [THIN SLICED VENEER TOP&BOTTOM](#)
-  [THIN SLICED VENEER](#)
-  [ROTARY VENEER](#)



WORLDWIDE 'veneer sanding':

- ✓ Slice- & Rotary veneers
- ✓ Top or Top & Bottom machines
- ✓ High precision sanding

'CPL SANDING (endless)': HIGH PRECISION SANDERS



tolerance +/- 0,01 mm (+/- .0004")



WORLDWIDE 'CPL sanding (endless)':

- ✓ 3 shift operations
- ✓ High precision sanding

## 'HPL SANDING': HIGH PRECISION SANDERS



tolerance +/- 0,01 mm (+/- .0004")



WORLDWIDE 'HPL sanding':

- ✓ 3 shift operations
- ✓ High precision sanding

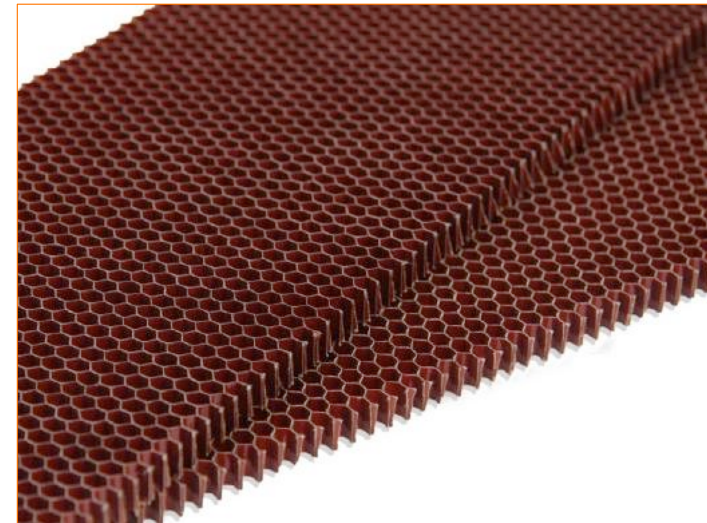




## 'HONEYCOMB PANEL SANDING': HIGH PRECISION SANDERS



working width 2200 mm (87"),  
tolerance +/- 0,01 mm (.0004")



EUROPE 'rubber belt production':

- ✓ 1 - 3 shift operations
- ✓ High precision sanding

# 'CORK SANDING (endless)': HIGH PRECISION SANDERS



 [CORK SANDING endless](#)



working width 2200 mm (87"),  
tolerance +/- 0,02 mm (2/2500")



EUROPE 'cork sanding (endless)':

- ✓ 3 shift operations
- ✓ High precision sanding

## 'AUTOMOTIVE CARBON BRAKE SANDING': HIGH PRECISION SANDERS



tolerance +/- 0,01 mm (.0004")



WORLDWIDE 'Carbon brakes sanding':

- ✓ AUTOMOTIVE Industry
- ✓ 3 shift operations
- ✓ High precision sanding





## 'AIRCRAFT CARBON BRAKE SANDING': HIGH PRECISION SANDERS



WORLDWIDE 'Carbon brakes sanding':

- ✓ AIRCRAFT- Industry
- ✓ 3 shift operations
- ✓ High precision sanding



tolerance +/- 0,02 mm (.0008")

'PHENOLIC PANELS': HIGH PRECISION SANDERS



tolerance +/- 0,01 mm (.0004")

'INSULATION MATERIAL PRODUCTION': TOP & BOTTOM Machines



 INSULATION MATERIAL 'ROCK WOOL'

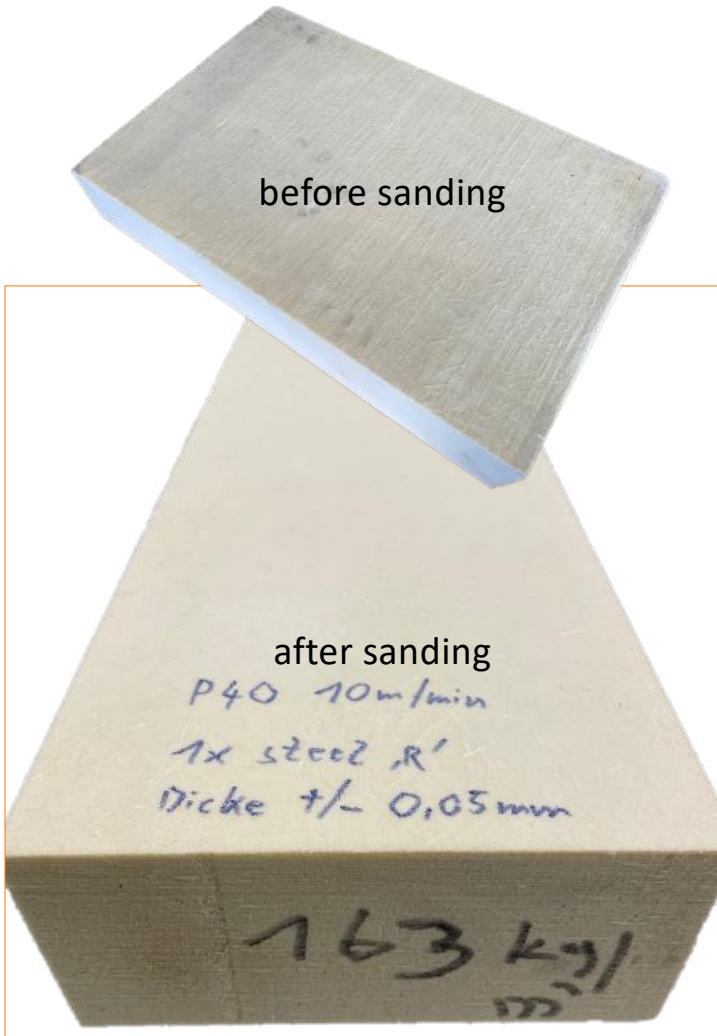
WORLDWIDE 'insulation material production':

- ✓ 1 - 3 shift operations
- ✓ Top or Bottom or Top & Bottom machines





'INSULATION MATERIAL PRODUCTION': TOP & BOTTOM Machines



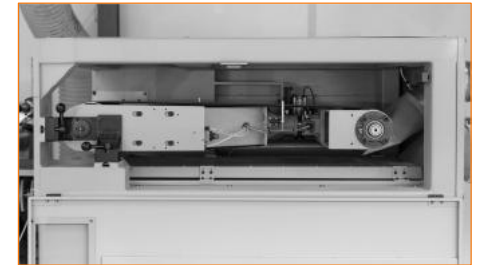
WORLDWIDE 'insulation material production':

- ✓ 1 - 3 shift operations
- ✓ Top or Bottom or Top & Bottom machines





## 'RUBBER BELT PRODUCTION': HIGH PRECISION SANDERS



 RUBBER BELT SANDING



EUROPE 'rubber belt production':

- ✓ 1 - 3 shift operations
- ✓ High precision sanding

## 'SKI & SNOWBOARD & MUSIC INSTRUMENT PRODUCTION': HIGH PRECISION CNC Sander



 CNC MACHINE: SKI PRODUCTION

EUROPE & NORTH AMERICA  
'ski & music instrument production':

- ✓ 1 - 3 shift operations
- ✓ High precision profiling in one pass



TECHNIC-CNC – 1 – 1350 – R

- ✓ CNC-Wood sander
- ✓ Working width 1350 mm (53")
- ✓ Belt length 2620 mm (103")

## 'SKI & SNOWBOARD PRODUCTION': TOP & BOTTOM & CNC Machines



EUROPE 'ski production':

- ✓ 3 shift operation
- ✓ Including customized feeding tables



TECHNIC-BOTOP – 2 – 1350 – M-RR

- ✓ Wood sander
- ✓ Working width 1350 mm (53")
- ✓ Belt length 2000 mm (79")

TECHNIC-CNC – 1 – 1350 – R

- ✓ CNC-Wood sander
- ✓ Working width 1350 mm (53")
- ✓ Belt length 2620 mm (103")

i. EDGE-SANDER Series



UNIQ



UNIQ - S



i. EDGE-SANDER Series



**FLASH**



**UNIQ-P**PRECISION

# KUNDIG



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