

CUT-TO-SIZE SAW

FW-UNIQUE

THE UNPARALLELED
CUT-TO-SIZE SAW
FOR ALL KINDS OF
CUTTING PROCESSES



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THE ULTIMATE CUT-TO-SIZE SOLUTION

PERFECT MODULAR CONSTRUCTION SYSTEM

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CMS
COMPUTER
MODULAR
SYSTEM

Air floatation tables, moveable

Safety curtain and
safety rail

Pressure beam

Feeder guides

Control cabinet

Feeder with clamps

Machine table

Cross aligning de-
vices in roller table

Control desk

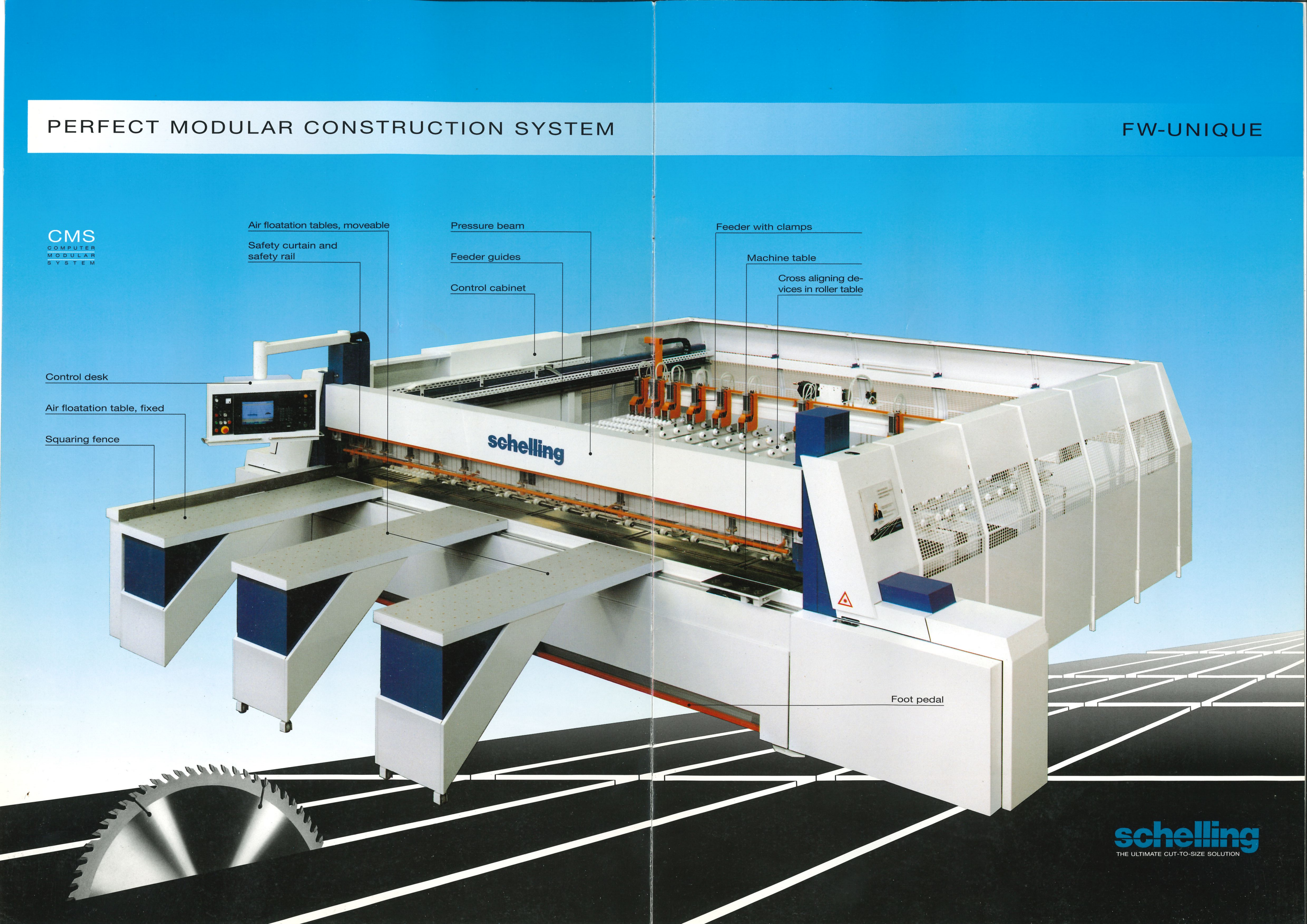
Air floatation table, fixed

Squaring fence

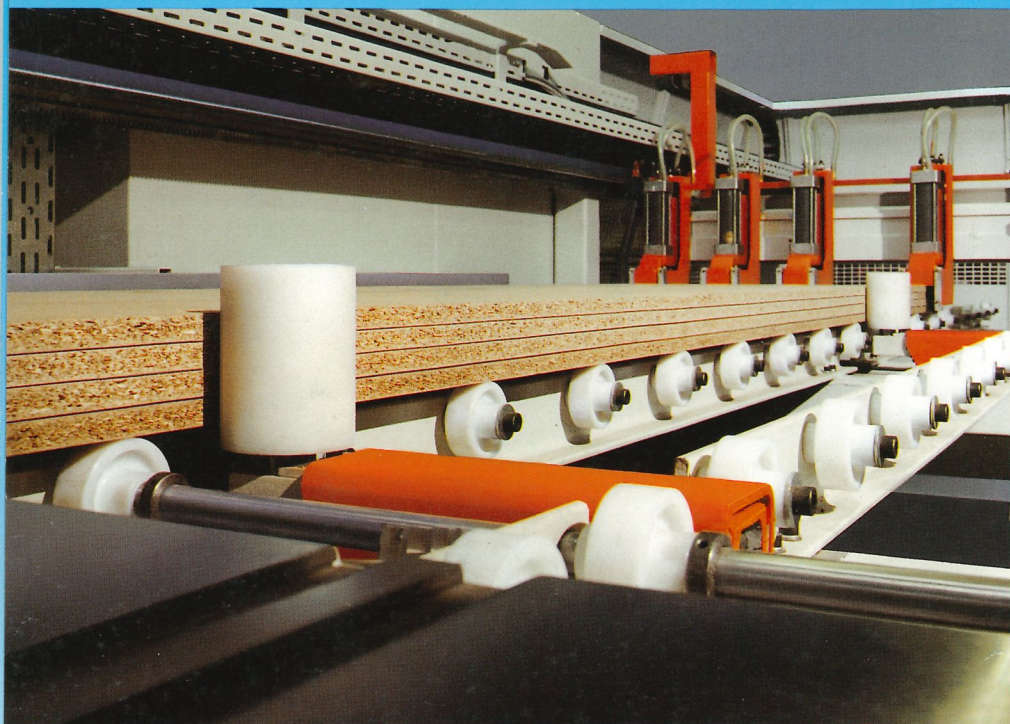
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Foot pedal

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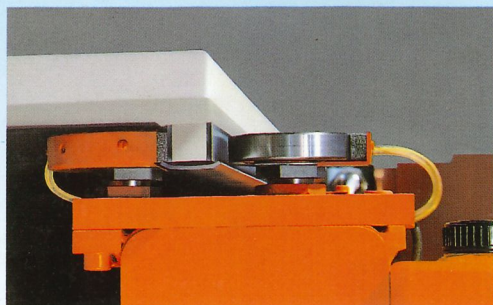
UNIQUE FEATURES OF QUALITY



Several cross aligning devices with automatic preadjustment in roller table

YOUR BENEFIT

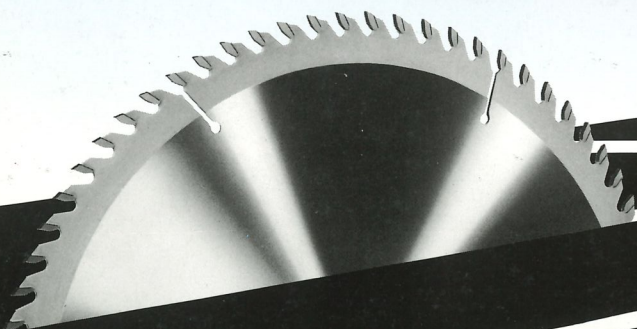
- Cut-to-size parts showing dimensional and squareness accuracy



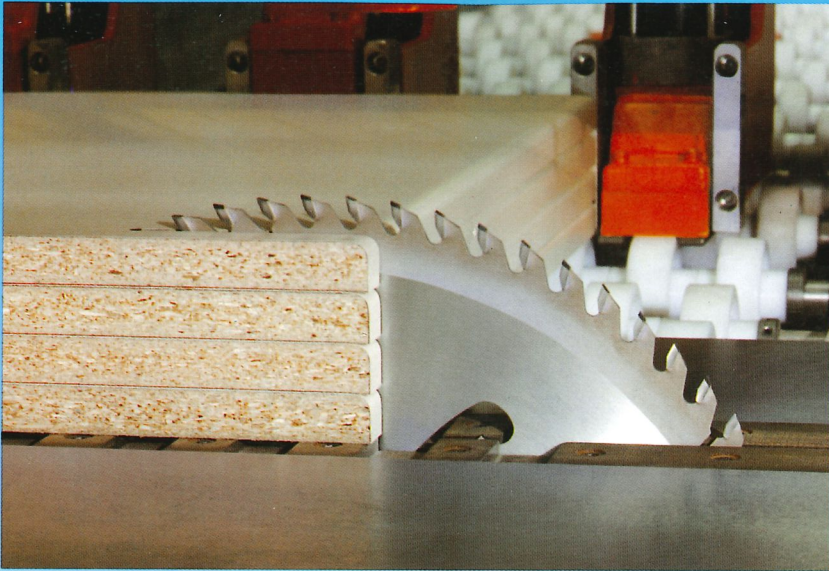
Wear resisting guides for saw carriage and feeder

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- Lifetime precision



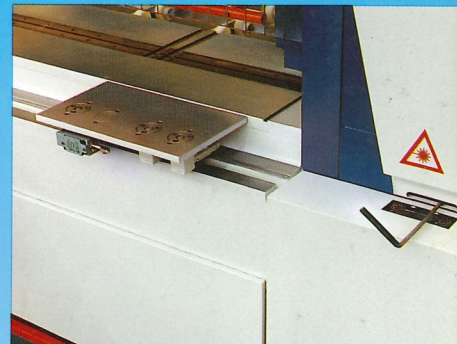
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Automatic and continuous
adjustment of saw blade
height

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- Perfect quality of cut at all times



Scorer adjustment while
saw is running

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- Minimum set-up time



Idle polyamide rollers,
machined

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- Surfaces free of scratches
and traces

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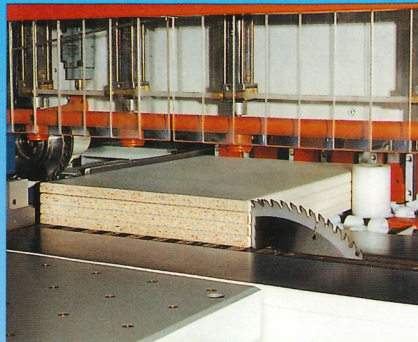
THE ULTIMATE CUT-TO-SIZE SOLUTION

UNIVERSAL APPLICATION

Edge scorer with contour copying device

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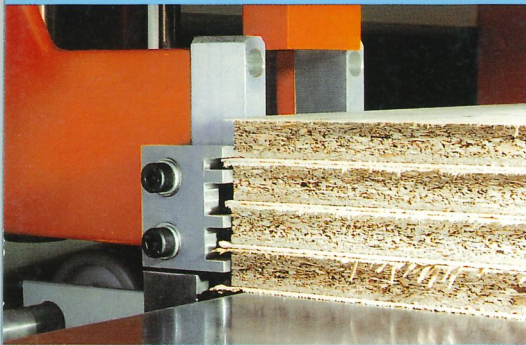
- Chip-free edges for postforming and softforming parts



Special formatting sequence for books of boards

YOUR BENEFIT

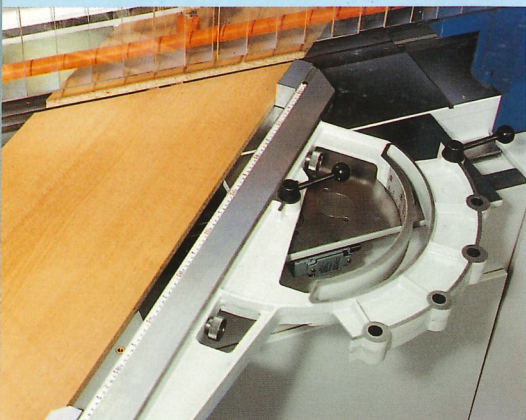
- Economical and automatic operation



Mitre fence

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- Perfect mitre cuts



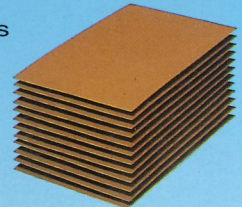
Cutting of single boards and books of boards



Mitre cutting



Laminates cutting



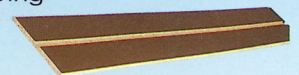
Postforming and softforming cutting



Solid timber cutting



Grooving



Veneer cutting



Trim cutting



Cut outs



MODERN COMPUTER CONTROL SYSTEM

FREE-PROGRAMMABLE CONTROL WITH INTEGRATED COMPUTER



Commander – Operator guidance with moving pictures

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- Exact instructions via screen guaranteeing faultless operation

On-line connection

YOUR BENEFIT

- Rapid and faultless data transfer

Remote diagnostic via phone

YOUR BENEFIT

- Immediate help in case of malfunctions

Production data acquisition

YOUR BENEFIT

- Detailed information on operating cycles

Label program

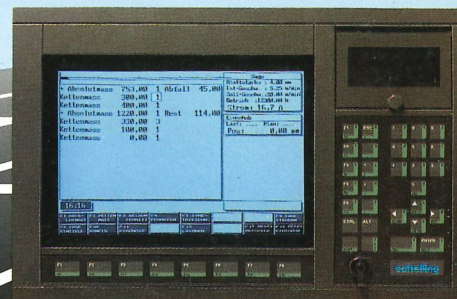
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- Labels for cut-to-size parts and offals

Controller – Numerical display of actual cutting pattern

YOUR BENEFIT

- Detailed information via screen



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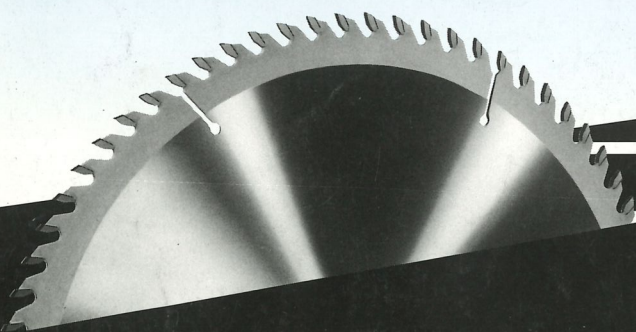
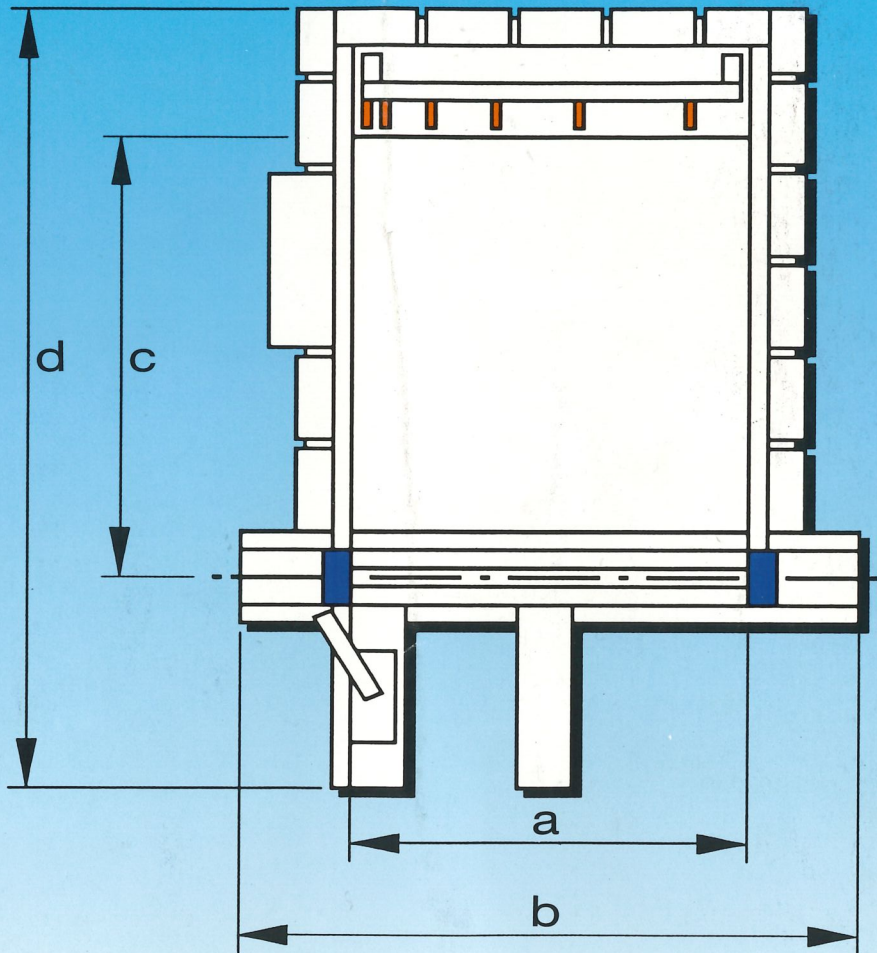
TECHNICAL DATA

	FW 330	FW 430	FW 580
a	11 (3260)	14 (4260)	19 (5760)
b	19 (5850)	22 (6850)	27 (8350)
c	11 (3300)	14 (4300)	19 (5800)
d	22(6850)	26(7800)	31(9430)

dimensions in ft (mm)

Technical Data	
saw blade	
diameter	16" (400 mm)
projection	4 1/2" (105 mm)
bore diameter	1 5/16" (30 mm)
scoring saw	
diameter	8" (200 mm)
bore diameter	5/8" (20 mm)

Machine Data	
feeder speed	in ft/min (m/min)
forward	up to 164 (50)
return	164 (50)
clamping range	4" (100 mm)
saw travel speed	in ft/min (m/min)
forward	up to 196 (60)
return	196 (60)
	50 Hz
saw motor power	in HP (kW)
up to	15/20.5 (11/15)
rotation	
in RPM (U/min)	3200 (3200)
scorer motor power	
in HP (kW)	2 (1.5)
rotation	
in RPM (U/min)	5500 (5500)
	60 Hz
saw motor power	in HP (kW)
up to	19/24.5 (14/18)
rotation	
in RPM (U/min)	3800 (3800)
scorer motor power	
in HP (kW)	2.5 (1.8)
rotation	
in RPM (U/min)	6600 (6600)



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