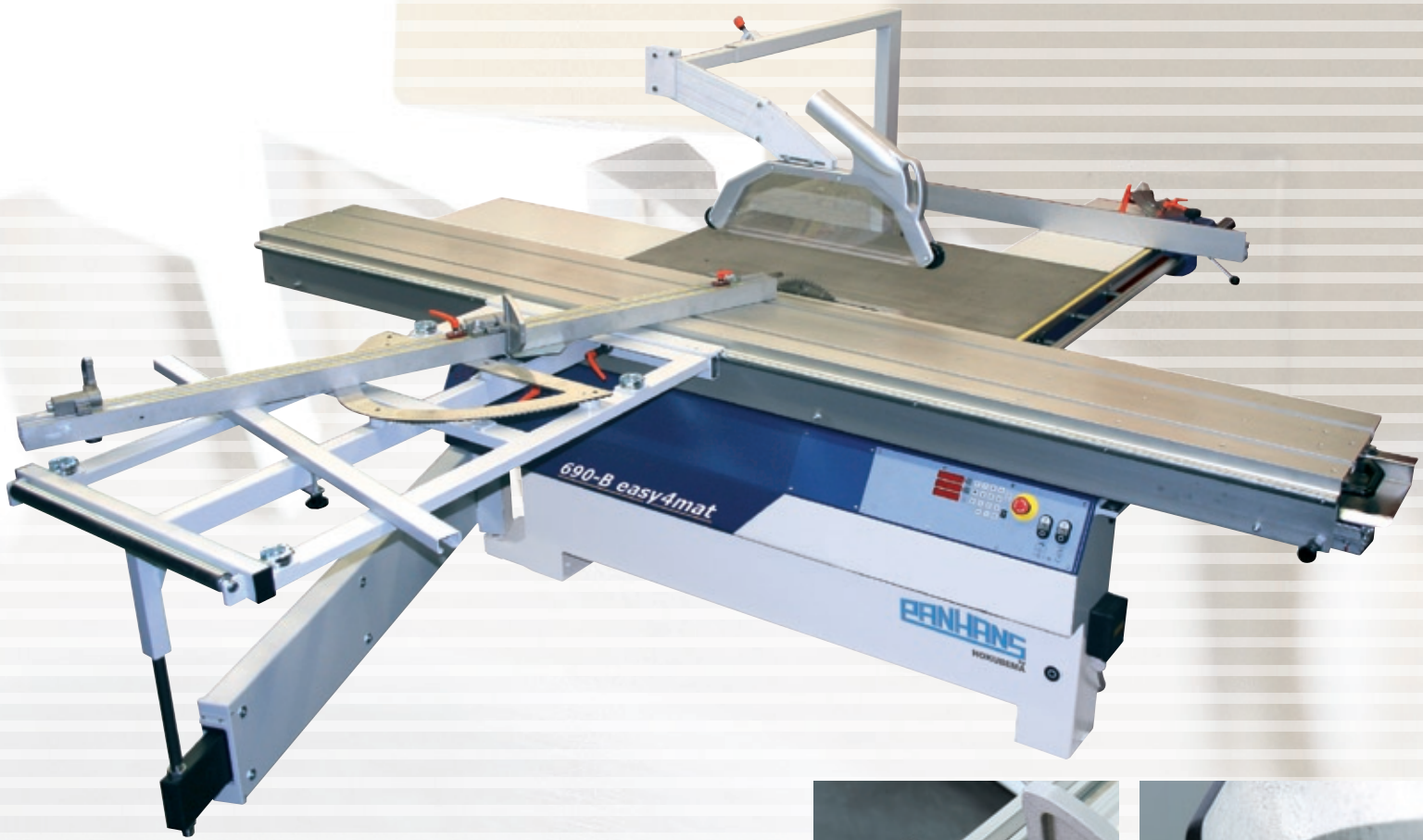


Model 690 easy4mat



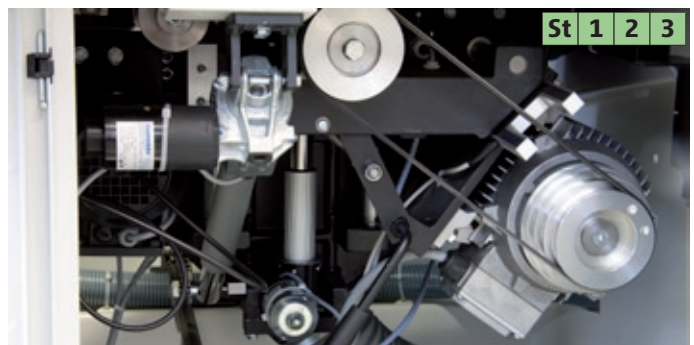
Panel rip and crosscut saws

Panel rip and crosscut saw Model 690 easy4mat



APA-Quick clamping system for saw blade

- on main and scoring saw blade
- no spindle locking is needed
- very high press-on pressure, therefore no acutating pin needed and any saw blade can be used.



Rugged saw aggregate

With long-lasting and maintenance-free dual column guide. Precise, linear vertical motion. Two sturdy grey cast tilting segments, reinforced. Reinforced ball bearing mounted circular saw shaft vibration-free concentricity, broad bearing clearance (axial clearance 320mm), user-friendly speed setting by an easily-accessible quick release by knee lever



St 1 2 3

Positioning controller

Positioning keypad for height and tilt adjustment of the saw blade, logical keyboard arrangement, with speed indicator, integrated scoring control (optional).



St 1 2 3

Comfort clamping for crosscut fence

self-locking, tool-less connector system



St 1 2 3

Cast iron table finely-planed

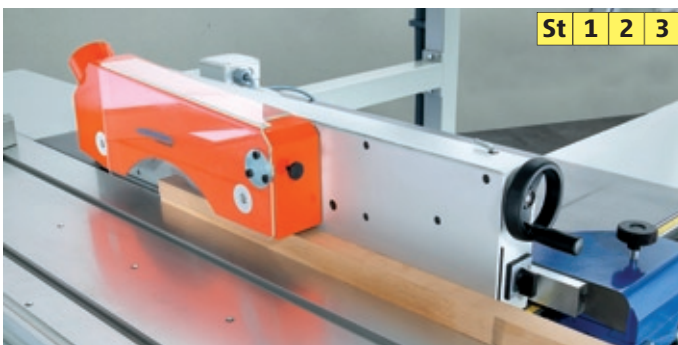
air-cushion effect for light pushing or lifting of the work piece.



St

Standard mitre fence

Pivotable on both sides, 45° to 60° extractable up to 2 m in length.



St 1 2 3

Feeder unit type 76

for cutting strips, planks, window ledges, etc. from solid wood, with adjustable mounting profile and 3 feed rollers, 2 feed speeds, including plug, with rail for assembly height of 18 - 40 mm, with anti-lift protection provided by integral electrical safety magnet system

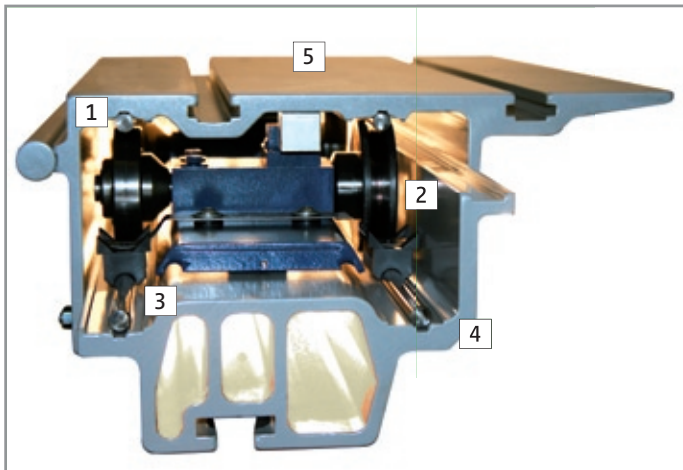


3

Rip fence can be positioned by electric motor

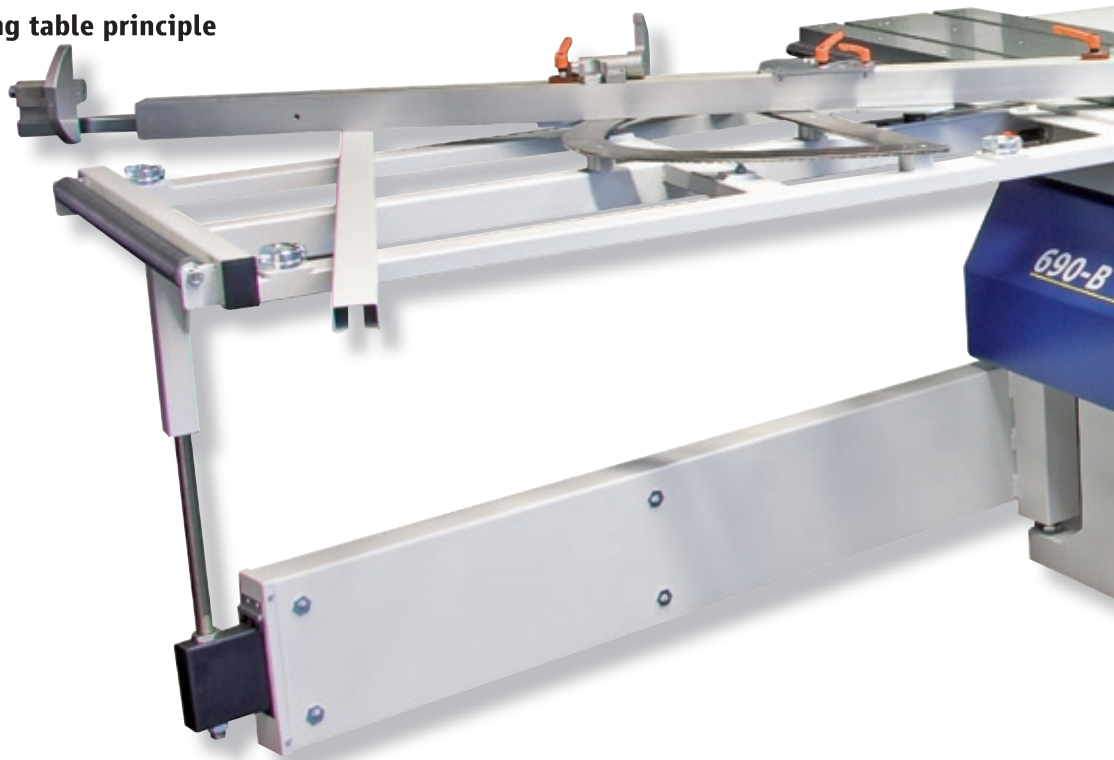
(Parallel fence) high travel speed, precise reproduction thanks to non-drive dependent touch-less magnetic conveyor system, measurement and reproduction precision of +/- 0.05 mm, automatic correction of width dimension when turning over stop ruler.

Panel rip and crosscut saw Model 690 easy4mat



The PANHANS aluminium sliding table principle

1. Guide rods in hardened and grounded version, tension-free fastening for maximum precision and stability, functions according to point contact principle - wear and maintenance free.
2. Guide roller in hardened design. Two point principle for maximum running precision.
3. Scraper system for the two guide bars below.
4. Rugged undercarriage with stable, static extra reinforcement close to cutting line.
5. Extremely wide, anodized contact surface with 2 multi-functional guide grooves, optimal for safety-relevant clamping systems or special stop systems.





Creates value by an absence of unnecessary accessories - what is needed is what makes sense - only what matters counts.

Innovation - Quality - Productivity, values that characterise products by HOKUBEMA-PANHANS.

Investment in the future - the HOKUBEMA PANHANS 690 easy4mat panel saw.

Panel rip and crosscut saw Model 690 easy4mat



Mitre fence and longitudinal fence SUPER-GEHRFIX I
with automatic length compensation



Mitre fence and longitudinal fence SUPER-GEHRFIX II
stepless degree setting 1/100 mm due to LCD display



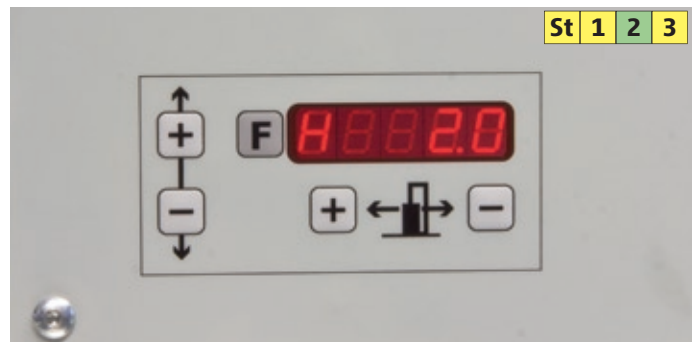
Auxiliary mitre fence
the solution to problems when creating pointy and blunt mitres



QuickStep scoring saw blade
tool-less adjustment of scoring width in 0.05 mm grid system



Scoring unit with electronic parking system AUTO-EPS
No contamination of scoring saw blade in the parking position, hassle-free installation of main saw blades > 350 mm when scoring saw blade built in.



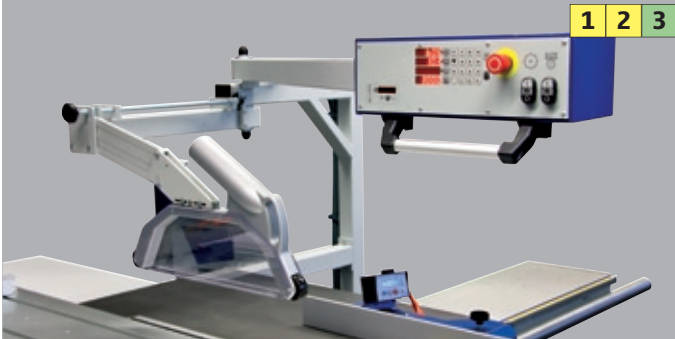
Positioning control scoring unit height and side
Required scoring blade position can be saved.



Swing-away device for cross carriages
Quick and ergonomic movement to park position



Remote locking for sliding table



Overhead control panel with pivot-away safety hood
for cutting carcase parts



Pressure beam
for veneer packages, thin plates, etc.



Calibration unit for automatic cutting height calibration



Tele-Digit
digital, cable-less measurement indicator for longitudinal stops
Benefit: display can be toggled between two stop flaps



R-4 remote control with Digit PA
for easy configuration of the width dimension from the operator's side



Parallel fence left of the saw blade
for cutting long, narrow parts



Additional support for large plates



Laser light

690 Easy4mat Standard

- Positioning control for height and tilt adjustment
- Digital displays for setting angle, cutting height and speed
- 3200 mm cutting length
- 1250 mm cutting width right of saw blade, measurement indicated on scale
- APA saw blade quick-clamping system
- Convenience clamp for longitudinal stop
- Height adjustment via reinforced column guide
- Fine adjustment for rip fence
- Cross carriage with retractable longitudinal fence (can be used on both sides)
- Table extension
- automatic star-delta start off
- automatic motor brake



Technical data

Model 690 easy4mat

Performance package PRO 1

Equipment as Standard model, plus

- Max. saw blade diameter 450 mm
- max. cutting height 145 mm
- speed 3000/4000/5000/6000 rpm
- Parallelogram protection device type 1773-F and protective hood with replaceable insert, wide/narrow, for saw blades up to 450mm diam., suction hood 80 mm diam.
- Super-Gehrfix I, Mitre fence and longitudinal fence with automatic length compensation
- Auxiliary mitre fence

Performance package PRO 2

Equipment as Standard model, plus

- Max. saw blade diameter 450 mm
- max. cutting height 145 mm
- Speed 3000/4000/5000/6000 rpm
- Parallelogram protection device type 1773-F and protective hood with replaceable insert, wide/narrow, for saw blades up to 450mm diam., suction hood 80mm diam.
- Super-Gehrfix I, mitre fence and longit. fence with autom. length compens.
- Auxiliary mitre fence
- AUTO-EPS scoring unit
- QuickStep scoring system

Performance package PRO 3

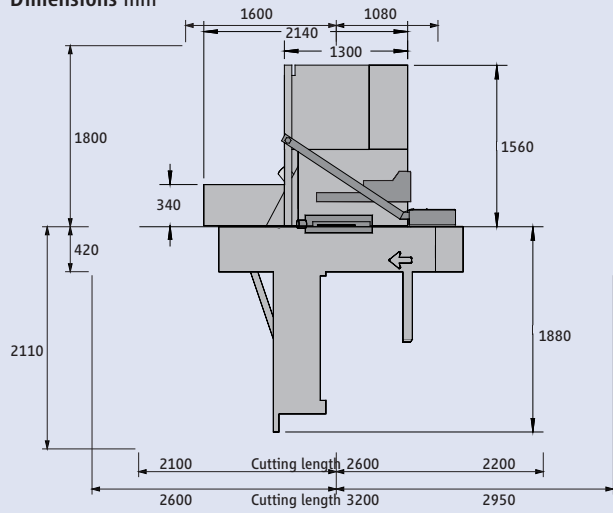
Equipment as Standard model, plus

- Max. saw blade diameter 450 mm
- max. cutting height 145 mm
- Speed 3000/4000/5000/6000 rpm
- Parallelogram protection device type 1773-F and protective hood with replaceable insert wide/narrow, for saw blade diameters up to 450mm diam., suction hood 80mm diam.
- Super-Gehrfix I, mitre fence and longit. fence with autom. length compens.
- Auxiliary mitre fence
- Motorized rip fence
- Overhead control panel
- Circular saw protection device, can be pivoted out incl. comfort table extension

Further models available on request.
Subject to technical modification.

Cutting length Standard	mm	3200
optional	mm	2000 / 2600 / 3800
Cutting width		
right of saw blade	mm	3 - 1250
optional	mm	1500 mm
AC motor	kW (hp)	5.5 (7.5)
optional	kW (hp)	7.5 (10)
Speed main saw	rpm	4000
optional	rpm	3000 / 4000 / 5000 / 6000
Cutting height	mm	max. 75
optional	mm	up to 170
Saw blade diameter	mm	250 - 315
optional	mm	up to 500

Dimensions mm



The images also show special equipment not included in the standard scope of supply. Basic equipment as shown in valid price list.

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