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FORMAT-4 CIRCULAR - SAW KAPPA 550X

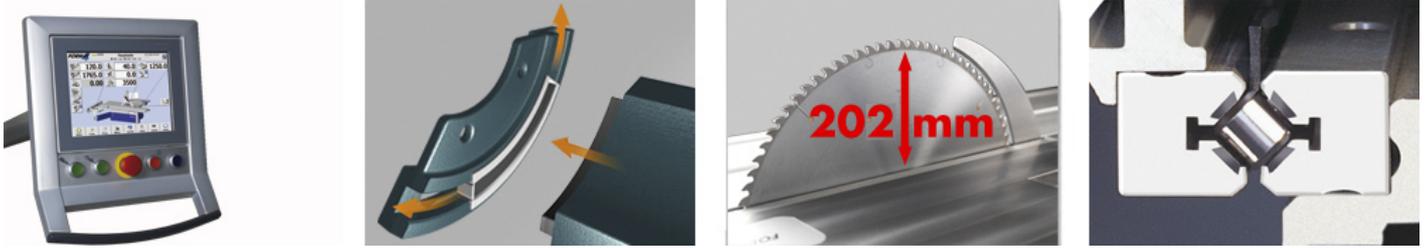
The premium panel saw with more power, more advanced technology and more equipment



Image may be pictured with additional options.

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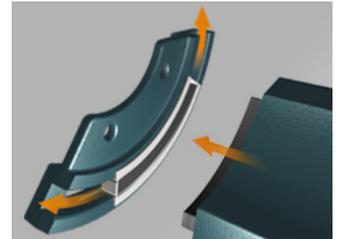
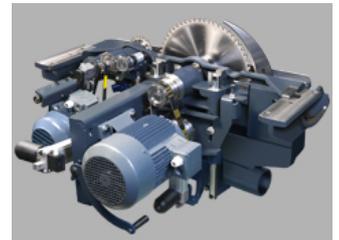
**Your company's success is ensured with a FORMAT-4 panel saw!**



Standard Equipment

**Circular saw unit:**

The saw arbor, encased in cast iron housing, ensures completely vibration-free operation. The most advanced poly-V belt drive technology ensures the best possible power transfer. The maintenance-free „Easy Glide“ tilt segment features a precise, positively guided support with the highest durability. With a maximum saw blade diameter of 550 mm, the cutting height is 200 mm at 90°–45° the cutting height is 140 mm. Saw blades with a diameter of 250–550 mm can be used. The precise and long-lasting precision height adjustment system features maintenance-free recirculating ball bushings. The overhead saw guard and under-table dust extraction ensure maximum extraction performance.



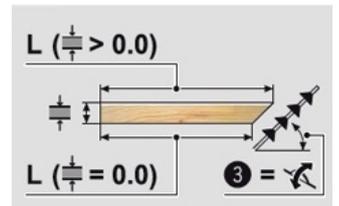
**kappa 550 controls x-motion:**

Features a 5.7" (145 mm) TFT screen with touchscreen function in a control panel situated at eye level and an A4 stock list holder. The control panel is optimally adjustable to the user's workspace and can be swivelled away from the work area. Saw blade height and angle positioning controls, automatic cutting height adjustment while tilting, speed display for circular saw blade, 99 locations in the tool database, 9x 99 locations for cutting programs.



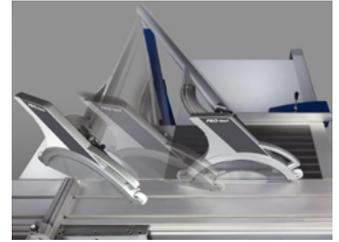
**Compound mitre cut**

This function calculates the length compensation of the crosscut fence on the outrigger taking into consideration the angle of the fence, the angle of the saw blade and the workpiece thickness.

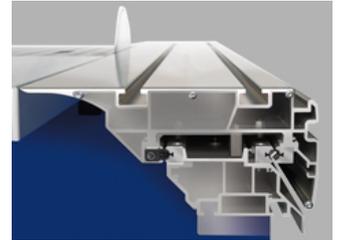


**Overhead saw guard:**

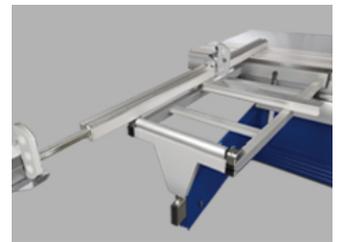
The overhead saw guard is simple and easy to operate. Using the handle, the overhead saw guard can be unlocked and completely swivelled away from the area of the machine table. The extraction hood is automatically adjusted to the current workpiece height. The extraction connection has a diameter of  $D=100$  mm.

**Format sliding table:**

The anodized aluminium sliding table has a cutting length of 2800 mm, with an edging shoe as a standard. The X-Roll format sliding table guarantees the utmost precision. Durable guides and the linear guiding system, by means of positive guidance via rollers, ensure absolutely quiet operation. The sliding table is completely rigid thanks to its solid construction. It has a „dust-resistant“ construction, which guarantees dust-free and clean guiding. 10-year warranty.

**Outrigger table:**

The solid outrigger table has a supporting surface of 1250 x 650 mm. The workpiece rollers at the end of the outrigger make feeding workpieces easy.

**Crosscut fence:**

The crosscut fence allows cross cuts of up to 3200 mm. The ergonomic scale and readout on the fence stop facilitate precise calibration. The crosscut fence can be tilted from  $90^\circ$  –  $45^\circ$  and comes with two stops as a standard. A fixed stop position is available for the  $90^\circ$  position.

**Length compensation:**

The length compensation of the crosscut fence on the outrigger can be calculated using the controls.

**Circular saw table extension:**

The 1200 mm, steel-powder coated saw table extension provides a perfectly smooth supporting surface behind the saw axis.

**Cutting width:**

The steel-powder coated saw table extension, with a cutting width of 1000 mm, ensures that there is enough supporting surface for rip cuts.

**Rip fence:**

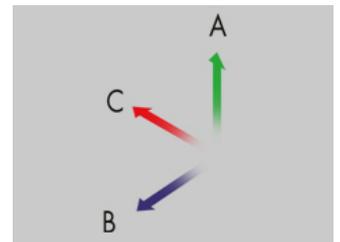
The rip fence runs smoothly on the machine table on a solid steel, ball bearing mounted rip bar. The rip fence with fine adjustment is 1200 mm long and can be tilted away.

**Customer preparation of electrical installation:**

An electrical connection must be prepared in the designated machine location according to the regional regulations. If there are frequent voltage fluctuations, a stabiliser is recommended. If residual current protection is used, a 300 mA RCCB sensitive to universal current must be installed. The machine must be connected by a licensed electrician on the day of commissioning.

U (V) = Voltage; –ε = max. recommended fuse; Ø= min. connection diameter

\* in case of heavy starting due to significant inertia



## Chosen specification

**Number @453S** - 1 Piece

Motor 3x 400 V 50 Hz 10.0 kW S6 Star delta start

**Number 902** - 1 Piece

User manual English

**Number 26** - 1 Piece

Plug connection for quick dismantling of the saw guard and overhead control panel

**Number 75** - 1 Piece

“Automatic” scoring unit with 1.1 kW motor and scoring blade Ø 120/125 mm which can be used in combination with a max saw blade Ø 400 mm. Rise and fall of the scoring blade is automatic.(max. saw blade D without the scoring blade is 500 mm)

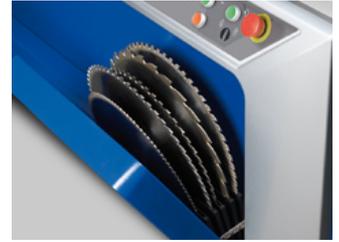


**Number 79** - 1 Piece

Scoring unit status light

**Number 71** - 1 Piece

Storage compartment for 5 saw blades of up to 400 mm

**Number 72** - 1 Piece

Anodised aluminium extension to increase the cutting length by 1620 mm

**Number 78** - 1 Piece

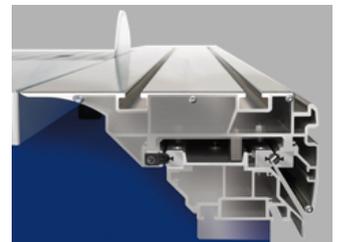
"Easy-Lock" - Tool-free quick change system of the main saw blade and riving knife, can be retro-fitted on all kappa 550's

**Number 88** - 1 Piece

Rip capacity 1250 mm with position control and readout from the control panel at eye level. Positioning of the 1250 mm rip fence takes place electronically via a dust-free ball screw integrated into the circular saw table. The 1/10 mm precision, the high speed as well as the exact positioning of the rip fence, saw blade height and saw blade angle ensure precision and save working time. The digital display is situated at eye level on the control panel.

**Number 133** - 1 Piece

3700 mm "X-Roll" sliding table with edging shoe. The anodised sliding table has a cutting length of 3700 mm, with an edging shoe as standard. The "X-Roll" sliding table guarantees highest precision. Long lasting table guides with the linear guiding system, ensure absolute smoothness due to the roller bearings. Due to the solid profile construction the sliding table is completely torsion resistant. It has a "dust resistant" design which ensures dust free and clean guides. 10 Year Guarantee.

**Number 139** - 1 Piece

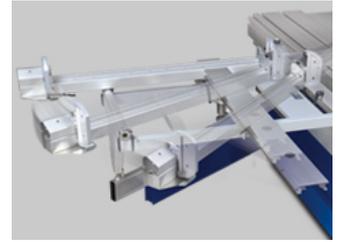
On and off switch on the sliding table makes operation even easier when cutting panels.



**Number 161** - 1 Piece

1250 x 650 mm (49" x 25") "X-Roll" outrigger table with adjustable support and digital angle display

The digital display shows the set angle with 0.01° accuracy. Precise 90° fence, simple adjustment of the mitre angle, large supporting surface and maximum stability thanks to the strength-welded frame construction.

**Number 168** - 1 Piece

3200 mm crosscut fence with fine adjustment, pivots between 90° and 45° with 2 digital fence stops

**Number 221** - 1 Piece

Preparation for container transport, palette 2100 mm x 1500 mm

**Number 223** - 1 Piece

IPPC packaging