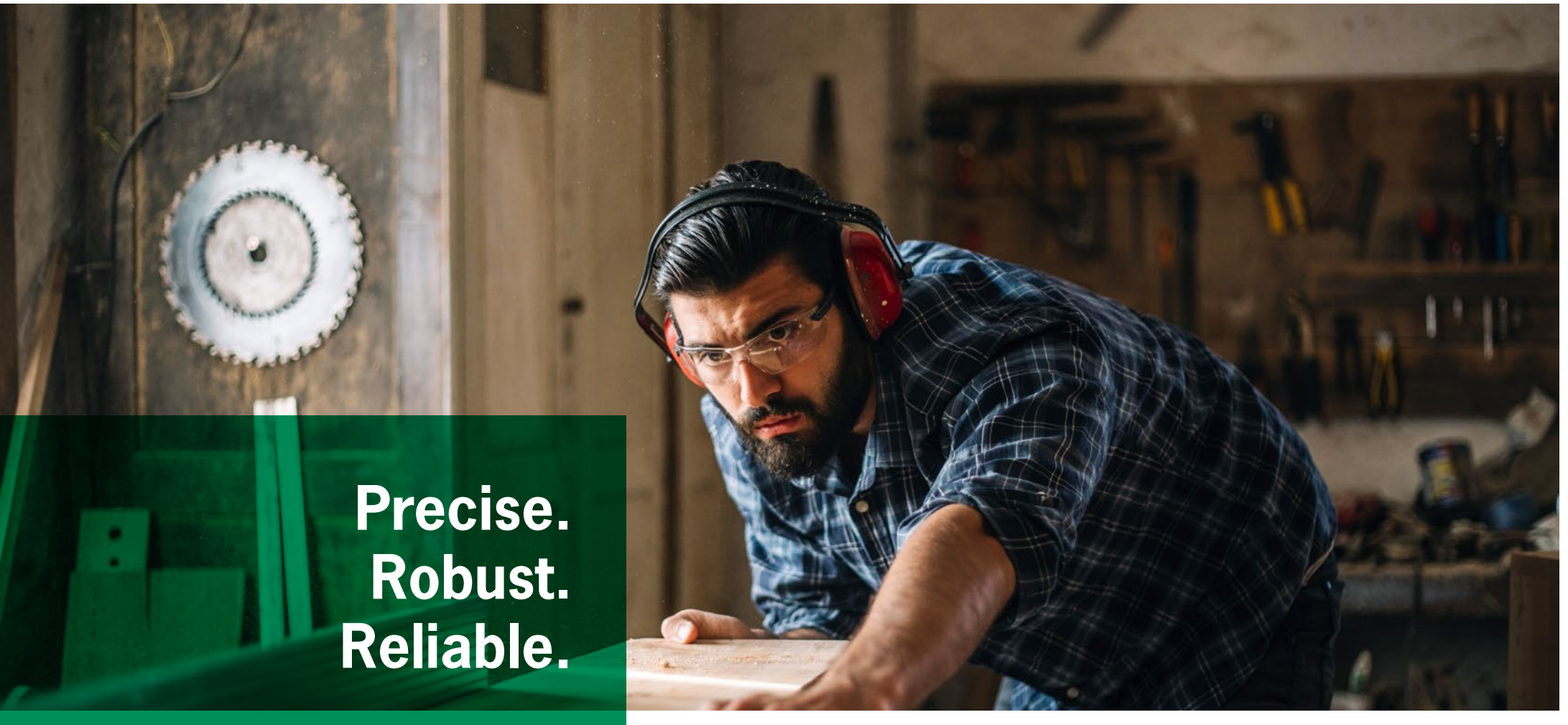




**Precise.
Robust.
Reliable.**



Precise. Robust. Reliable.

Altendorf introduces the F 30, a sliding table saw that combines **precise cutting performance, exceptional stability, and ergonomic operation**. It is consistently designed to meet the demands of modern woodworking shops.

The robust, fully enclosed machine frame, combined with the ribbed cast iron table, forms the foundation for maximum rigidity. This design ensures that the sliding table can fully demonstrate its strengths, delivering **smooth running and precise guidance**, even when handling large and heavy workpieces.

The **3,200 mm sliding table** enables play-free and highly accurate cuts, even when processing large-format panels.

Powerful motors with up to 7.5 kW, along with three selectable speeds, ensure **consistently high cutting quality** across a wide range of materials.

As an option, the CNC-controlled rip fence provides fast, precise, and **repeatable settings**, ideal for efficient series cutting.



With a **cutting height of up to 150 mm**, the machine offers sufficient power reserves for machining thick materials. Even solid planks or multi-layer panels can be cut cleanly in a single pass.



The **Pro-Lock system** enables fast and safe saw blade changes with just a few simple steps. This significantly **reduces setup times**, enhances operational safety, and ensures that you can return to productive work more quickly.

*Discover
the F 30*





*Discover the
F 30 Type 1*



Your new **F 30 TYPE 1**

Robust precision for everyday workshop use.

The F 30 Type 1 is a sliding table saw that focuses on the essentials and provides a reliable solution for everyday use.

The 3,200 mm sliding table, based on the proven Altendorf system, runs smoothly and without play, enabling precise cuts, even with large and heavy workpieces such as panels or doors.

Cutting height and tilt angle can be adjusted quickly and directly via handwheels, including when switching from 90° to 45°. In combination with a saw blade diameter of 450 mm, the machine achieves a cutting height of up to 150 mm.

The 7.5 kW main motor with three speeds ensures clean cuts in solid wood and panel materials. The analog cutting width display allows for quick adjustment of the rip fence, which remains precise even during series cutting.

The large extraction hood with extraction connection ensures a clear view of the cut while reliably removing chips and dust.

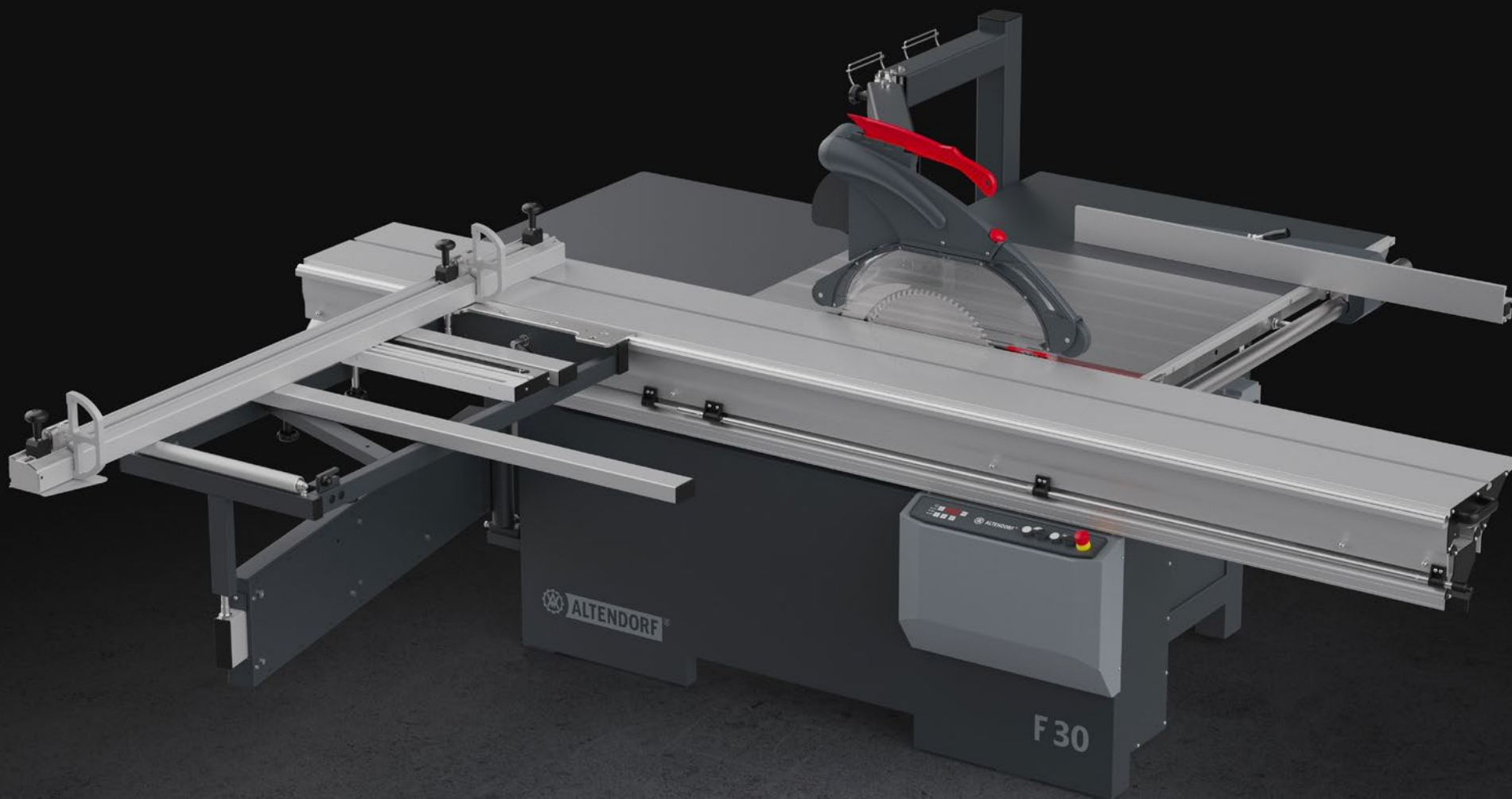
The F 30 Type 1 is particularly well suited for furniture production, panel cutting, and solid wood processing.



The control panel on the machine frame features a digital display of the tilt angle. The height and tilt of the saw blade can be adjusted precisely and conveniently using a handwheel. This enables users to make settings quickly and accurately, reduce setup times, and reliably monitor the selected values at all times.



The rip fence can be adjusted smoothly and precisely. The hard-chromed round bar ensures steady and consistent guidance. For processing large panels, the rip fence can be swiveled below the table height of the machine, creating additional working space and allowing large workpieces to be handled more easily and safely.



*Discover the
F 30 Type 2*



Your new **F 30 TYPE 2**

Greater comfort and precise settings for solid wood and panel materials.

The F 30 Type 2 enhances the robust mechanics of the Type 1 with additional features, while deliberately keeping electronics to a minimum, ensuring high reliability, easy maintenance, and long-lasting performance in daily operation.

The motorized height and tilt adjustment allows for quick adaptation to different materials and cutting tasks. A digital tilt angle display ensures precisely reproducible settings and reduces setup times for recurring tasks, without adding unnecessary complexity to the machine.

The rip fence, with a cutting width of 1,300 mm, provides ample capacity for large panel formats.

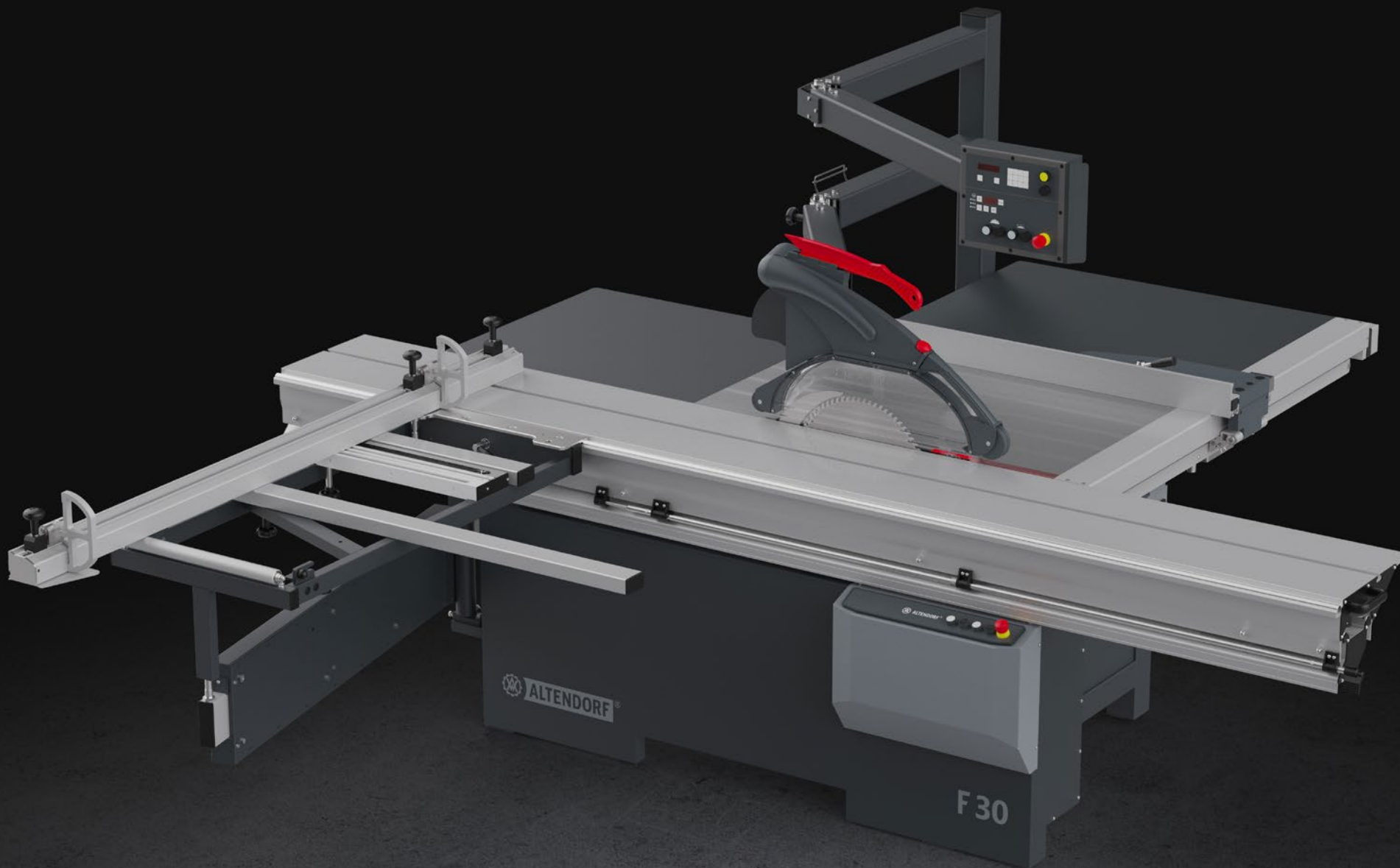
Combined with the smooth-running sliding table, this results in a versatile sliding table saw for workshops looking to efficiently combine solid wood and panel processing.



The control panel on the machine stand clearly consolidates all key functions in one place. The height and tilt angle of the main saw blade can be conveniently adjusted at the push of a button. The current tilt angle is clearly displayed on the digital screen.



The crosscut-mitre fence enables precise angle and mitre cuts in a single operation, fast, repeatable, and without retooling. Non-CE version: optional.



*Discover the
F 30 Type 3* →



Your new **F 30 TYPE 3**

Fast fence adjustments and reproducible precision, for serial production.

The F 30 Type 3 expands on Altendorf technology compared to Type 1 and Type 2, offering enhanced ease of operation and a motorically positioned rip fence. It can be adjusted quickly and reproducibly with an accuracy of ± 0.1 mm, significantly reducing the time required for repeated settings.

For series cutting or strip production, dimensions can be set quickly and repeated with precision. This saves working time and ensures consistently high cutting quality.

The motorized height and tilt adjustments noticeably simplify operation and enable comfortable, ergonomic working, even with frequent adjustments in day-to-day use.

The F 30 Type 3 is particularly well suited for workshops with frequent repeat cuts and small production batches.



All key functions are clearly arranged on the control panel and easy to read. The swiveling control panel can be aligned toward the operator and is easily accessible from both sides.

The saw blade (height and tilt) and the rip fence can be adjusted electromotorically.



The CNC rip fence positions itself electromotorically at speeds of up to 200 mm/s with an accuracy of ± 0.1 mm.

The fence automatically detects its position and stops upon resistance thanks to an integrated safety shut-off.

Dimension correction is performed automatically when the fence profile is positioned flat or upright.

Our variants for craftsmanship

The F 30 is available in five different, application-oriented variants, offering the right solution for a wide range of requirements. Developed by Altendorf, it is specifically tailored to the needs of craftsmanship, combining flexibility with proven quality for everyday use.



Saw blade adjustment
Height and tilt adjustment
for the main saw blade

Saw blade projection / saw blade diameter

Control panel

Sliding table length

Rip fence

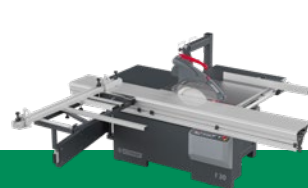
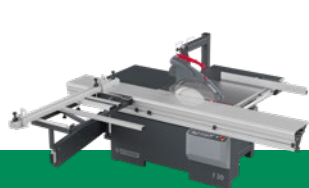
Crosscut-mitre fence

Motor rating / rotational speed

Scoring unit

Front support roller

CE version



F 30 Type 1 – 7,5 kW	F 30 Type 2 – 1.300 mm	F 30 Type 2 – 7,5 kW	F 30 Type 3 – 7,5 kW	F 30 Type 3 – DIGIT L
manual	motorized	motorized	motorized	motorized
max. 154 mm / max. 450 mm	max. 154 mm / max. 450 mm	max. 154 mm / max. 450 mm	max. 154 mm / max. 450 mm	max. 154 mm / max. 450 mm
Ergonomically positioned beneath the sliding table	Ergonomically positioned beneath the sliding table	Ergonomically positioned beneath the sliding table	Ergonomically positioned, swiveling control panel at eye level	Ergonomically positioned, swiveling control panel at eye level
3,200 mm	3,200 mm	3,200 mm	3,200 mm	3,200 mm
Manual adjustment, cutting width 1,000 mm, with fine adjustment	Manual adjustment, cutting width 1,300 mm, with fine adjustment	Manual adjustment, cutting width 1,300 mm, with fine adjustment	CNC rip fence, cutting width 1,300 mm	CNC rip fence, cutting width 1,300 mm
crosscut capacity up to 3,450 mm	crosscut capacity up to 3,450 mm	crosscut capacity up to 3,450 mm	crosscut capacity up to 3,450 mm	with DIGIT L, crosscut capacity up to 3,450 mm
7.5 kW (10 HP) with 3,000 / 4,000 / 5,000 rpm, manually adjustable	5.5 kW (7.5 HP) with 3,000 / 4,000 / 5,000 rpm, manually adjustable	7.5 kW (10 HP) with 3,000 / 4,000 / 5,000 rpm, manually adjustable	7.5 kW (10 HP) with 3,000 / 4,000 / 5,000 rpm, manually adjustable	7.5 kW (10 HP) with 3,000 / 4,000 / 5,000 rpm, manually adjustable
–	motorized height adjustment and manual lateral adjustment	motorized height adjustment and manual lateral adjustment	motorized height adjustment and manual lateral adjustment	motorized height adjustment and manual lateral adjustment
✓	–	✓	–	✓
✓	✓	✓	✓	✓

Flexible control. Precise performance.

Control concepts that adapt to your daily workflow.

In the workshop, fast setup, accurate dimensions, and safe operation are what matter most. That's exactly why the Altendorf F 30 offers three control variants, tailored to different day-to-day requirements.



F30 TYPE 1



Manual control – full control directly at the machine

With the manual version, you adjust cutting height and tilt angle in the traditional way using finely tuned handwheels. The response is direct and controlled, you immediately feel how the machine reacts, even during precision work.

The digital display for the tilt angle helps you set and monitor the angle with accuracy at all times. Especially for mitre cuts, this eliminates the need for re-measuring and trial adjustments.

In daily operation, this means:

- quick setup without complex technology
- full control for one-off parts
- reliable performance in solid wood and panel processing

The rip fence runs smoothly on the hard-chromed round bar, remains precise even under pressure and during long cuts, and can be adjusted with high accuracy. For large panels, it can be easily swung away, providing more support surface, reducing the risk of jamming, and significantly improving handling safety.

F30 TYPE 2



Motorized control – faster setup, clean repeatability

Height and angle can be adjusted at the push of a button within seconds. This saves time, especially when switching between different materials or thicknesses.

The tilt angle is clearly displayed on the screen and remains reliably stored. You can recall and repeat dimensions precisely at any time without the need for readjustment.

In practice, this means:

- reduced setup times for changing jobs
- reproducible dimensions without readjustment
- more relaxed working thanks to less manual effort

The control panel is mounted directly on the machine frame, features a clear layout, and is equipped with large buttons, ideal for safe and intuitive operation. Adjustments are precise and reliable, without overrun.

Especially when frequently switching between solid wood and panel materials, this makes a real difference in workflow, particularly for recurring cutting tasks.

F30 TYPE 3



Advanced control – series production without time loss

The advanced version adds the CNC rip fence. It moves automatically to your set dimension within seconds, fast, smooth, and with an accuracy of ± 0.1 mm. Stored programs can be recalled at any time, making it ideal for recurring cutting tasks.

In daily operation, this means:

- enter the dimension, the fence positions itself automatically
- no measuring, no readjustment
- automatic dimension correction when the fence is flipped
- identical parts are produced with true consistency
- the fence detects resistance and stops, for added safety
- intuitive control panel with large buttons, swivel-mounted and easily accessible from both sides

Built for everyday workshop use, the system remains reliable even under dust and heavy workload. Especially for series cutting or strip production, it delivers significant time savings while ensuring complete confidence in every dimension.

Options



Altendorf saw unit: The saw unit is the heart of every Altendorf saw, representing maximum precision and stability. Its exceptional smooth running is achieved through the precise balancing of the fully assembled saw shaft unit, combined with the extensive use of cast components. The unit is mounted on high-precision, maintenance-free linear guides. Solid tilt segments with a tongue-and-groove design ensure smooth operation and exact angle adjustment of the entire unit.



Scorer: The scoring unit ensures chip-free underside edges when cutting coated panel materials.

Height adjustment is carried out electromotorically, while lateral adjustment is manual. When the scoring saw blade is activated, the unit automatically moves into the working position; when switched off, it retracts below the table surface.

The scoring unit operates at a speed of 8,200 rpm. An LED light clearly marks the hazard area of the scoring unit.



RAPIDO system: The RAPIDO system simplifies and accelerates the adjustment of the cutting width. The setup can be completed in just a few minutes, saving up to ten minutes compared to conventional scoring systems, as the need to install two-piece scoring blades with spacer rings is eliminated.

The cutting width of the scoring blade can be adjusted continuously and without disassembly to match the cutting width of the main saw blade.

Adjustment range: 3.2-3.8 mm – Scoring blade Ø: 120 mm



DIGIT L: For setting the length dimension with an accuracy of 1/10 mm. The display clearly shows all set flip stop positions. Thanks to the central measuring and display unit, the entire system is calibrated with a single calibration process.

Scope of delivery: two flip stops with fine adjustment, two rechargeable batteries, and a charger.



Rip fence with DIGIT X: The digital cutting width display with manual fine adjustment enables quick and precise setting of the rip fence. Recurring cutting dimensions can be reproduced exactly and read directly on the DIGIT X display.

Dimension correction is also performed automatically when the fence rail is repositioned to the flat or upright position.

The dust-resistant, wear-free measuring system is available for cutting widths of 1,000 or 1,300 mm.



Front support roller: With a width of 300 mm, the front support roller provides valuable assistance when cutting long workpieces on the rip fence. It can be positioned beneath the sliding table (from a length greater than 2,600 mm) with a single motion by swiveling it 90°.



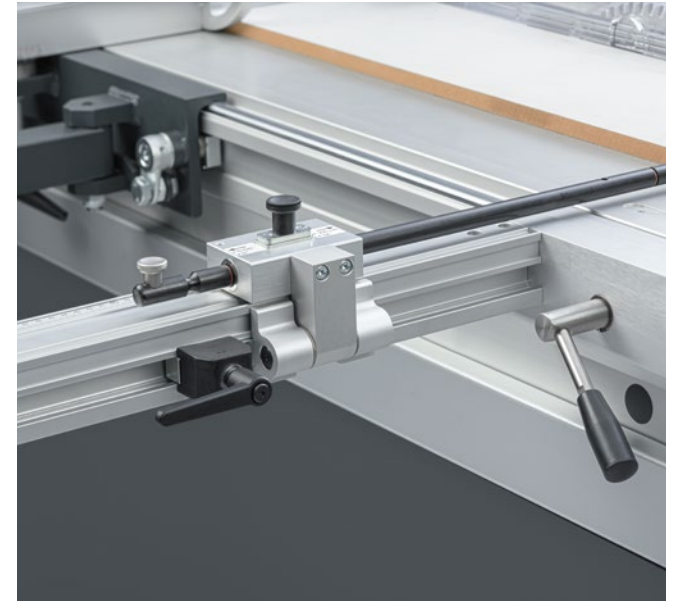
Double-sided mitre fence DUPLEX: The DUPLEX fences enable fast, precise, and infinitely variable angle cuts from 0-90°. At a 45° setting, mitre cuts can be made on both sides of the workpiece without any further adjustment.

The dimensions for the flip stops are set using a scale and magnifier. All DUPLEX versions can be easily positioned along the entire length of the sliding table.

Optionally available as DUPLEX D with a digital angle display and an accuracy of 1/100°. Crosscuts up to 1,350 mm are possible.



DUPLEX DD: The DUPLEX DD enables precise mitre cuts without time-consuming calculations, remeasuring, or trial cuts. The electronic unit automatically calculates the length dimension based on the mitre angle on both sides of the fence and displays both values digitally. Adjustment is carried out via a digital angle and length display with automatic length compensation. Includes batteries. Crosscuts up to 1,350 mm are possible.



PALIN: The PALIN, in combination with the crosscut fence, enables the cutting of parallel or tapered workpieces on the sliding table. By positioning the workpiece laterally, parts of varying lengths can be produced quickly and precisely without repositioning the PALIN.

By folding away the measuring system, the PALIN can also be used as a workpiece support. Also available as PALIN D with a digital dimension display and fine adjustment.

Adjustment range: 80-950 mm.



STEG: The support bar reduces operator strain when cutting large panels by providing additional support surface.



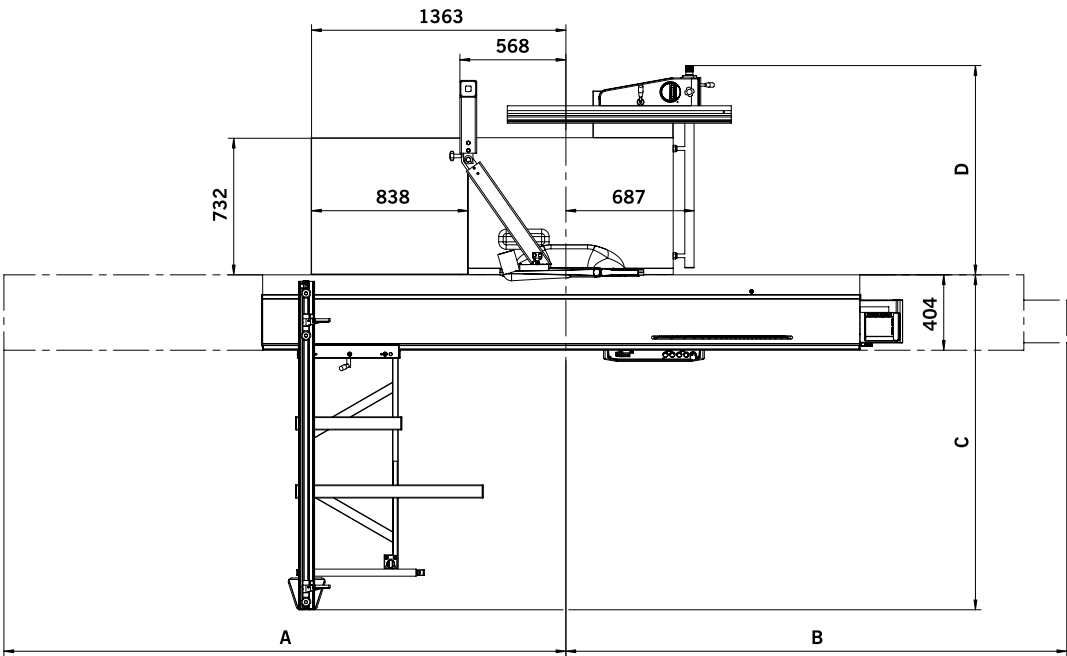
Manual quick-action clamp: The manual hold-down clamp can be easily positioned on the sliding table and just as easily secured. This ensures the workpiece is held safely on the table and against the crosscut fence.

Clamping height up to 200 mm. Not available in the CE region.



Laser cutting line marker: Clearly displays the cutting line for all cutting lengths. Particularly useful for trimming or cutting along marked lines, for example on stair treads. Saves time and material.

Technical specifications



SPACE REQUIREMENTS

	Sliding table 1,800	Sliding table 2,200	Sliding table 2,600	Standard Sliding table 3,200	Sliding table 3,800
A	Table length + 218 mm	Table length + 292 mm	Table length + 292 mm	Table length + 292 mm	Table length + 292 mm
B	Table length + 152 mm	Table length + 202 mm	Table length + 202 mm	Table length + 202 mm	Table length + 202 mm
Total length including handle (52 mm)	4,022 mm	4,946 mm	5,746 mm	6,946 mm	8,146 mm
C	1,986 mm (max. 3,576 mm)	1,986 mm (max. 3,576 mm)	1,986 mm (max. 3,576 mm)	1,986 mm (max. 3,576 mm)	1,986 mm (max. 3,576 mm)
D	Cutting width + 310 mm	Cutting width + 310 mm	Cutting width + 310 mm	Cutting width + 310 mm	Cutting width + 310 mm



TECHNICAL SPECIFICATION AT A GLANCE

Sliding table cutting lengths

Maximum cutting length when using a clamping shoe or crosscut fence

Table length (mm)	1,800	2,200	2,600	3,200	3,800
Cutting length (mm)	1,700	2,100	2,500	3,100	3,700

Maximum saw blade projection

independent of the scoring unit

Saw blade diameter (mm)	300	350	400	450*
Cutting height 90° (mm)	0-75	0-100	0-125	13-150
Cutting height 45° (mm)	0-50	0-70	0-87	6-103

*The scoring blade must be removed.

Cutting widths 1,000 mm, 1,300 mm

Machine weight from 1,080 kg

Working height 910 mm

Electrical connection values¹⁾

Motor (kW) S6 60%	5.5	7.5
Voltage (V)	380-420	380-420
Frequency (Hz)	50	50
Current (A) without/with scorer	11.5/13.5	15.5/17.5
Fuses	25	25

¹⁾ The cross-section of the power supply line depends on the machine's installation location and must be determined by a qualified electrician (voltage drop in the line ≤ 3%). Protection is provided by screw-type fuses. If the power supply conditions differ, please contact your Altendorf sales partner. The emission sound pressure level at the workplace is 85.2 dB(A).

Dust extraction connection

Top connection	ø = 80 mm
Bottom connection	ø = 120 mm
Pressure drop	1,200 Pa at total extraction connection, ø = 140 mm
Air consumption	V _{min} = 1,100 m³/h at 20 m/s



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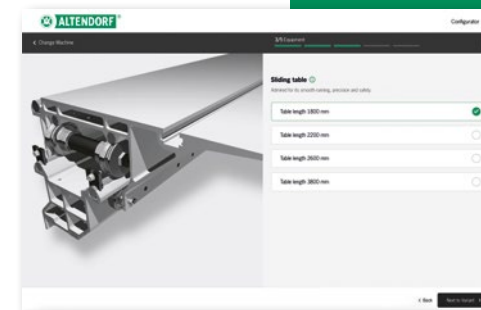
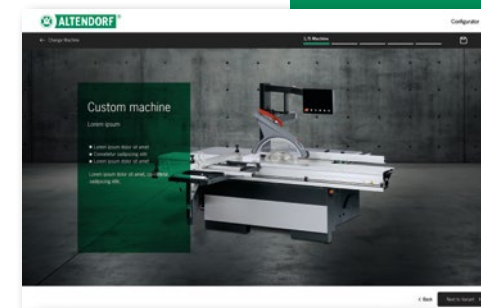
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