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CE



4 models, one promise you can count on.



Altendorf WA 8 NT with non-tilting saw unit and manual rise/fall adjustment of the main saw blade.



Altendorf WA8T with manual rise/fall and tilt adjustment of the main saw blade.



Altendorf WA 8 TE with motorised rise/fall and tilt adjustment of the main saw blade.



Altendorf WA8X with motorised rise/fall and tilt adjustment of the main saw blade and motorised adjustment of the rip fence.

The Altendorf WA8: 100% quality. Absolutely Altendorf.



If you're looking for a machine which is robust, ready for the anything and easy to operate, you're right on target with the Altendorf WA8. Whether you're squaring panels or cutting complex angles and mitres, the Altendorf WA8 is the right companion for you. Manufactured to Altendorf's rigorous technological standards, the WA8 entices with its solid build quality and ergonomic flexibility. As soon as you have one, you'll wonder how you ever managed without one. That's what happens when you decide to invest in the high quality only the world market leader can provide.



Altendorf, the world market leader in sliding table saws, is at home in the town of Minden, Germany. Production of the Altendorf WA 8 takes place under the strictest quality control in Altendorf's state of the art production facility in Qinhuangdao, PR China.





A modern classic: The Altendorf WA8NT with manual rise/fall adjustment of the main saw blade.



■ Machine frame control panel: The controls mounted on the panel on

the machine frame are clearly identified and easy to operate. The rise and fall of the main blade is via handwheel.



■ Extraction hood: The riving knife mounted protection and extraction hood allows a maximum saw blade diameter of 315 mm with a maximum cutting height of 82 mm.



■ Rip fence: The rip fence is smooth and precise to adjust. The hard chrome-plated round bar ensures the fence moves smoothly. If you need to divide large panels, you can swing the rip fence away under the level of the machine table.



■ Crosscut fence: The robustly mounted crosscut fence enables precise cutting of 90° angles. All settings are easy to read off the slanted scales. The flip stops are robust, free of play and are easy to slide individually along the full crosscutting range.







Flexible: The Altendorf WA8T with manual rise/fall and tilt adjustment of the main saw blade.



■ Machine frame control panel:

The control panel on the machine frame incorporates a digital display of the tilt angle. The rise and fall and tilt adjustment of the blade are via handwheel.



■ Extraction hood: The riving knife mounted protection and extraction hood allows a maximum saw blade diameter of 315 mm with a maximum cutting height of 82 mm.



■ Rip fence: The rip fence is smooth and precise to adjust. The hard chrome-plated round bar ensures the fence moves smoothly. If you need to divide large panels, you can swing the rip fence away under the level of the machine table.



■ Crosscut fence: The robustly mounted crosscut fence enables precise cutting of 90° angles. All settings are easy to read off the slanted scales. The flip stops are robust, free of play and are easy to slide individually along the full crosscutting range.







Accurate: The Altendorf WASTE with motorised rise/fall and tilt adjustment of the main saw blade.



■ Machine frame control panel:

All functions are easily accessed on the control panel on the machine frame. You can control the rise/fall and tilt of the main saw blade at the touch of a button. The tilt angle is shown on the digital display.



Extraction hood: The large Altendorf extraction and safety hood system boasts a design which ensures optimised airflow. You can switch between narrow and wide hoods in seconds. The hood allows cutting heights of up to 125 mm (with or without scoring unit) and can be swung away fully to one side.



■ Rip fence: The rip fence is smooth and precise to adjust. The hard chromeplated round bar ensures the fence moves smoothly. If you need to divide large panels, you can swing the rip fence away under the level of the machine table.



■ Crosscut fence: The robustly mounted crosscut fence enables precise cutting of 90° angles. All settings are easy to read off the slanted scales. The flip stops are robust, free of play and are easy to slide individually along the full crosscutting range.

with three speeds 3/4/5000 rpm, manually adjusted

Cutting height max. 125 mm



Ergonomic: The Altendorf WA8X with three motorised axes.



■ Eye-level operating panel: All major control functions are always visible. The panel pivots into the most convenient position and is accessible from both sides of the machine. Adjustment of both the saw blade and the rip fence are motorised.



■ Extraction hood: The large Altendorf extraction and safety hood system boasts a design which ensures optimised airflow. You can switch between narrow and wide hoods in seconds. The hood allows cutting heights of up to 125 mm (with or without scoring unit) and can be swung away fully to one side.



■ Motorised rip fence: The motorised rip fence has a traverse speed of 250 mm/sec. and an accuracy of +/- 1/10 mm. The high precision five-point recirculating ball spindle system needs little maintenance and, along with the motor, is well protected by its integration into the aluminium profile. The fence automatically recognizes the position it's in, especially when it reaches the danger area around the saw blade. It has an emergency cut-out to prevent the risk of crushing.



■ Crosscut fence: The robustly mounted crosscut fence enables precise cutting of 90° angles. All settings are easy to read off the slanted scales. The flip stops are robust, free of play and are easy to slide individually along the full crosscutting range.



Full performance to the last detail.



■ Robust and torsion free: The Altendorf machine frame. The WA 8 has a torsion-resistant machine frame built in the same way as the machine frames for the F 45 series. The frame design ensures very smooth running and stability. The machine frame is fully enclosed.



■ Smooth-running and powerful: The Altendorf saw unit. The Altendorf saw unit is the engineering heart of all our saws. It is a powerhouse produced with the latest manufacturing technology. The saw shaft runs incredibly smoothly: this is because it is electronically balanced as a fully assembled unit, and extensive use is made of cast components. The high-precision vertical movement of the unit is linear with maintenance-free guide bearings. The robust tilt quadrants incorporate the traditional Altendorf tongue and groove connection system, which allows the whole unit to tilt easily and precisely to exactly the correct angle.



■ Sliding table: The Altendorf sliding table is renowned for its smooth and exact running. This is one of the hallmarks of an Altendorf, and it all comes down to design: the table runs on large dumbbell rollers sandwiched between hard chromed guide bars, guaranteeing absolute precision. The system's large rollers ensure smooth action, meaning the table takes less effort to move and glides as securely as if it were on rails. This quality running will endure decades of heavy load bearing in the constant presence of dust and chips, and it needs virtually no maintenance. Each time the table moves, the brush fitted to the upper part automatically cleans the round guide bars. The system operates without any lubrication. The table's hollow multi-chamber aluminium extrusion guarantees optimal torsion resistance and rigidity.

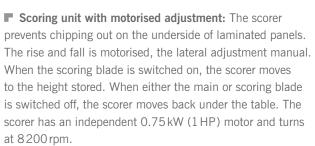


The principle of the sliding table: Wilhelm Altendorf discovered that the only way to achieve an absolutely straight edge, which in turn is required as a reference edge for precise rip and crosscutting, was to guide a static workpiece through the rotating saw blade by holding it firmly on a moving support. To begin with, Wilhelm Altendorf used a wooden push slide system to guide the workpiece. In the 1930s, Altendorf developed the double roller carriage. Since the development of the aluminium sliding table in the 1950s we know of no better system than the double roller carriage in terms of smooth running, precision, torsion-resistance and low maintenance. Over 130 000 users worldwide agree with us.



Made to measure performance: The options.







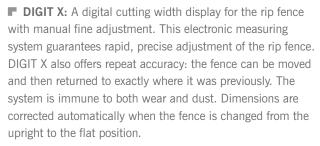
■ RAPIDO scoring tool: The RAPIDO scoring system makes it easier and quicker to adjust the cutting width to match that of the main blade. How quick? About three minutes, max! Compared to working with shims, where you have to take the blade off the machine to alter its width, the RAPIDO saves at least ten minutes, as the blade stays on the machine during adjustment. Adjustment is continuous so the RAPIDO can be fine-tuned to match any main blade. Adjustment range: 2.8–3.8 mm.



■ Rip fence with fine adjustment: Manual fine adjustment enables the rip fence to be adjusted precisely. The fence can be set with pinpoint precision by means of the adjusting screw.









■ Large extraction hood: The large Altendorf extraction and safety hood system boasts a design which ensures optimised airflow. You can switch between narrow and wide hoods in seconds. The hood allows cutting heights of up to 125 mm (with or without scoring unit) and can be swung away fully to one side. This hood is available as an option for the WA8NT and WA8T.



■ Small extraction hood: The riving knife mounted protection and extraction hood allows a maximum saw blade diameter of 315 mm with a maximum cutting height of 82 mm. This hood is available as an option for the WA8TE.



Made to measure performance: The options.



■ Crosscut fence DIGIT L: For 1/10 mm accuracy when setting the length dimension. The display shows all stop settings at the same time, and allows calibration of all stops in one operation.



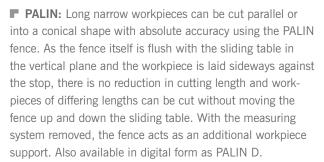
■ DUPLEX double-sided mitre fence: The DUPLEX fence makes it possible to cut any angle between 0 and 90° very quickly and exactly. At 45°, the mitre can be cut on both sides of the workpiece without having to adjust the fence. The dimensions are set using a magnifying glass, measuring scale and length compensation scale. The fence can be positioned anywhere along the length of the sliding table.



■ One-sided mitre fence: The one-sided mitre fence enables precise cutting of mitres. It is easy to set and can be positioned on the sliding table with the minimum of effort.









■ STEG – second support on the sliding table: Enlarges support area (width: 400 mm) for wider workpieces. Makes it much easier to size large panels.



■ Manual quick-action clamp: The manual clamp can be easily positioned on the sliding table and is equally easy to fix. The workpiece is then firmly secured on the table and held firmly against the crosscut fence. This provides extra safety at very little extra cost.



High performance cuts in any material.

■ Wood, plastic, non-ferrous metals: The Altendorf WA8 is ready for anything. The WA8 not only achieves perfect cutting results in wood and wood-based products but also in a large range of other materials. Whether it's cutting to size large panels made of polyethylene or plexiglas or crosscutting very thick plastics, the WA8 is efficient and precise. Non-ferrous metals such as aluminium extrusions are also cut cleanly and accurately by the WA8. This is of course, in addition to typical applications such as sizing panels, squaring and mitre cuts, and the straight line edging and rip cutting of solid wood, all of which are carried out economically and efficiently with the WA8.



CUTTING HEIGHTS

Table length (mm)

Cutting length (mm)

| \//ith | or | without | ccoring | COM | hlada |
|--------|----|----------|----------|------|-------|
| AAILII | UI | WILLIOUL | SCUTTING | Savv | Diaue |

| Saw blade diameter (mm) | 250 | 300 | 315 | 350 | 400 |
|--------------------------------|------|------|------|-------|-------|
| Cutting heights, vertical (mm) | 0-50 | 0-75 | 0-82 | 0-100 | 0-125 |
| Cutting heights at 45° (mm) | 0-33 | 0-50 | 0-56 | 0-70 | 0-87 |

Maximum cutting lengths when using clamping shoe or crosscut fence

2000 2600 3000 3200

1905 2505 2905 3105

CUTTING WIDTHS 1000.1300 mm

SLIDING TABLE CUTTING LENGTHS

MACHINE WEIGHT 1100kg

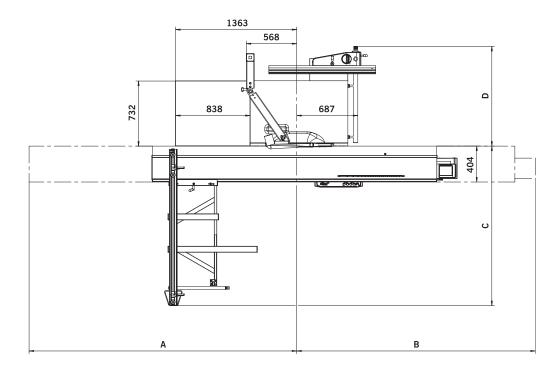
TABLE HEIGHT 910mm

| ELECTRICAL POWER REQUIR | REMENTS 3) |
|---------------------------------|------------|
| Motor (kW) | 5.5 |
| Voltage (V) | 380-420 |
| Frequency (Hz) | 50 |
| Current (A) without/with scorer | 11.5/13.5 |
| Fuses/circuit breakers (A) | 25 |

| DUST EXTRACTION CON | NECTIONS |
|--------------------------|--|
| Top connection: | small extraction hood: $\emptyset = 50 \text{mm}$, |
| | large extraction hood: Ø = 80 mm |
| Bottom connection: | Ø = 120 mm |
| Pressure drop: | 1 500 Pa with a total connection |
| | diameter, Ø = 140 mm |
| Minimum air requirement: | $V_{min}=1150m^3/h$ at 20 m/sec. |

 $^{^{3)}}$ The cross section of the mains cable depends on the machine's distance from the power source and must be determined by a qualified electrician (Power drop in the input cable $\leq 3\%$). Please contact your Altendorf sales partner if your power supply does not match the requirements shown.

Technical specifications.



| SPACE REQUIREMENTS | | | | | |
|--------------------|---|--|--|--|--|
| Α | Sliding table length + 290 mm | | | | |
| В | Sliding table length + 360 mm | | | | |
| С | Crosscut fence, stops to 3 200 mm: 1800 - max. 3 350 mm | | | | |
| D | Cutting width + 310 mm | | | | |









All machines illustrated are CE models.

Some illustrations of machines depict special equipment which is not included in the basic price.

The specification of the machine may vary from country to country. Right of technical modification reserved.

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