

# The Altendorf WA 8.

World-leading quality. For all types of cutting.







ALTENDORF®

WA8



In 1906 company founder Wilhelm Altendorf invented the sliding table saw. Almost 100 years and over 110,000 machines later, Altendorf is the world market and technology leader. Not least because as specialists we are constantly working on the further development of our high-precision and versatile table saws.

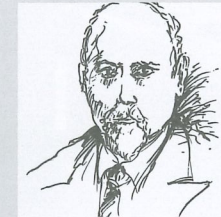
Altendorf has two production sites: one at its headquarters in Minden, Germany, and one in Qinhuangdao, China, since 1995. The WA 8 is made using the latest production technology. To ensure our high standards of quality, every machine is thoroughly tested, checked and certified.

## Altendorf – world market leader for sliding table saws.

*Altendorf in Qinhuangdao, China*



*Altendorf in Minden, Germany*



*Wilhelm Altendorf:  
Inventor of the sliding  
table saw and founder  
of the company*





WA 8: Superb cutting quality  
at an affordable price.

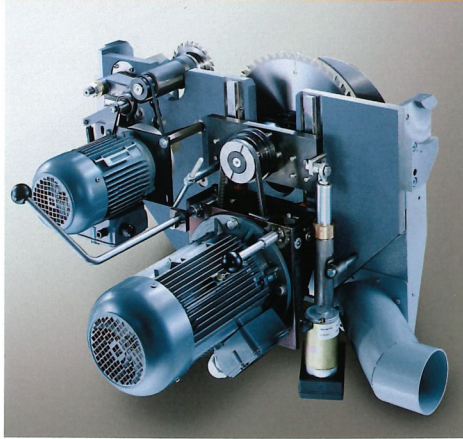


WA 8 with motorised rise/fall  
and tilt adjustment of the saw blade



WA 8 with manual rise/fall  
adjustment of the saw blade  
(non-tilt version)





The motor: 5.5 kW (7.5 HP) with linear height adjustment.



The proven Altendorf double roller carriage with steel bar guidance.



Motorised rise/fall and tilt adjustment of the saw blade.



Manual rise/fall adjustment.

The WA 8 was developed specially for companies who need to keep a tight rein on their budget, but who do not want to sacrifice quality. At the same time it has the ideal features for use as a second machine. The WA 8 is capable of executing all cuts that a modern workshop requires. An Altendorf WA 8 will do a perfect job for you every time, no matter whether you are cutting wood, plastic or non-ferrous metals.

You can choose between either the WA 8 with motorised rise/fall and tilt adjustment with digital tilt angle display or the non-tilt version with manual rise/fall adjustment.

**Amazing technology.** The WA 8 boasts a multiplicity of technical features that make it a highly versatile machine for any workshop. Fully equipped with everything a woodworker needs day-in, day-out. Work with the WA 8 – you will be amazed!



The WA 8 cleanly cuts wood, plastics and non-ferrous metals.

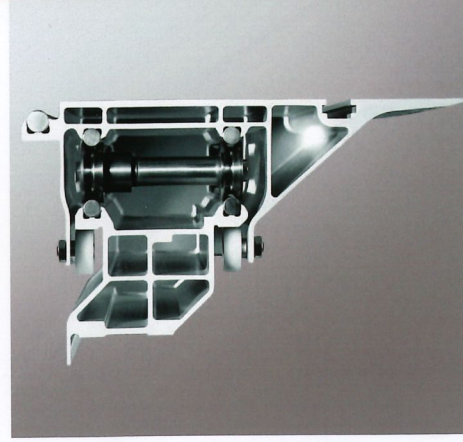




Option: large extraction hood, laterally adjustable, max. sawblade diameter of 400 mm (option: extra cost).



Short sliding table: if requested, the machine can also be supplied with a 1800 mm table – at no extra charge.



Multi-chamber system for maximum rigidity of the double roller carriage.



Crosscut-mitre fence: for accurate crosscutting and mitre cutting in a single function. Cutting range: 95–3200 mm. Mitre angle infinitely adjustable from 0–49°.

### Specification:

#### Details:

Sliding table: 3200 mm or 1800 mm

Cutting length: 3100 mm or 1650 mm

Cutting height: 105 mm

Sawblade diameter: up to max. 350 mm, which drops down completely below table level

Cutting width to rip fence: 1000 mm

Crosscutting on the crosscut-mitre fence to 3200 mm

Tool clamping system

#### Motor:

Drive rating 5.5 kW (7.5 HP)

Three speeds 3000/4000/5000 rpm

Belt change: simple with release of bracket, easy access to motor

Milling tools up to 15 mm can be used

Scoring unit with rapid lowering and mechanical height preset

#### Right of the saw blade:

- Ergonomically located grip recess in machine table
- Mechanical lock on rip fence in front of saw blade
- Easy to adjust graduated scale
- Large support area

#### Hood:

Small safety hood for maximum sawblade diameter of 350 mm, mounted on riving knife.

Optional: large safety hood.

#### Left of the saw blade:

Precise, robustly mounted crosscut-mitre fence for simple setting and accurately reproducible 90°

Perfectly square connection of cross slide to sliding table

Flip stops with bilateral mountings clamp rightly to securely hold the set dimension

Easily removable cross slide

Simple adjustment of graduated scales and magnifier for read-off

#### Saw blade adjustment

##### Tilt version:

Height adjustment: motorised with linear guidance, maintenance-free

Tilt adjustment: motorised up to 46°

positioning speed: 12 sec. from 0–46°

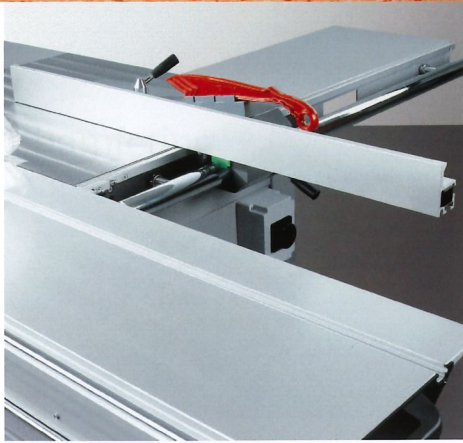
Digital tilt angle display

##### Non-tilt version:

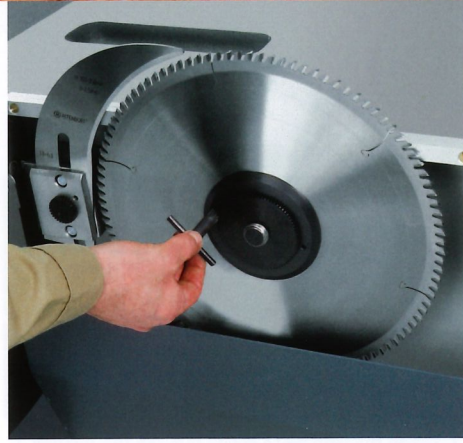
Height adjustment: manual with hand wheel

No tilt adjustment

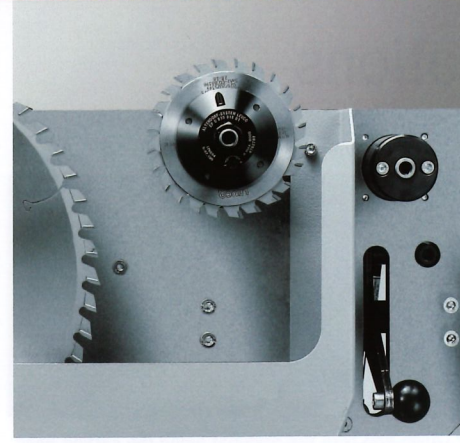




Rip fence: smooth and precise.



Fast and easy saw blade changing with the tool clamping system.



Simple lever-operated manual lowering of scorer.

## Altendorf WA 8: The fully-featured saw for professionals.

The Altendorf WA 8 is designed to satisfy the most stringent quality standards. Its solid build quality makes it more than capable of withstanding the daily rigours of a professional woodworking shop and ensures it will last for years and years. The comprehensive basic specification of the Altendorf WA 8 is already impressive. After taking delivery, you can put your machine into operation straightaway – it comes already set up and ready to go, with a minimum of assembly required. So it's a joy to work with the WA 8 right from the start.

### Technical specifications

#### Sliding table cutting lengths

Sliding table length With or without scoring saw blade	
1800 mm	1 650 mm
3200 mm	3 100 mm

*These cutting lengths refer to mechanical travel, i.e. from end stop to end stop on the sliding table.*

#### Cutting heights

Saw blade diameter	250 mm	300 mm
Cutting heights at 90°	0–55 mm	0–80 mm
Cutting heights at 45°	0–38 mm	0–56 mm

Saw blade diameter	315 mm	350 mm
Cutting heights at 90°	0–87 mm	0–105 mm
Cutting heights at 45°	0–60 mm	0–73 mm

#### Machine weight

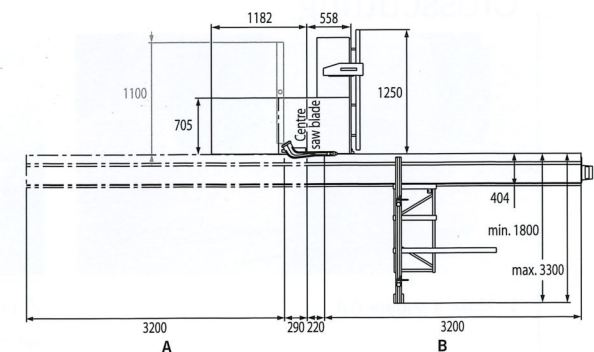
810 kg

#### Table height

870 mm

#### Space requirements

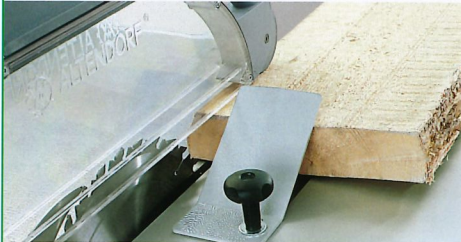
<b>A</b>	sliding table length + 290 mm
<b>B</b>	sliding table length + 220 mm





# Solid wood applications

## Trimming



1. The clamping shoe secures the board on the sliding table.

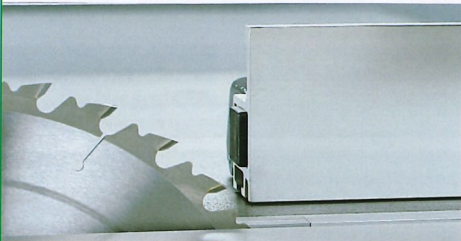


2. Align and trim the material along the cutting line.



3. Guide the workpiece safely through the rotating saw blade on the sliding table.

## Ripping



1. Position the rip fence in front of the saw blade and set to the required width.

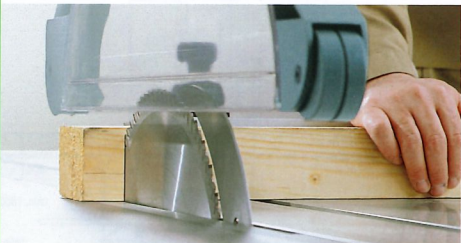


2. The clamping shoe secures the board on the sliding table.

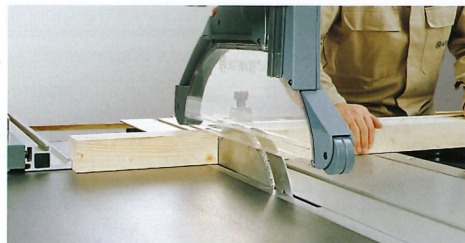


3. Guide the workpiece along the rip fence and through the rotating saw blade, using the push stick if necessary.

## Crosscutting



1. Make a square cut.



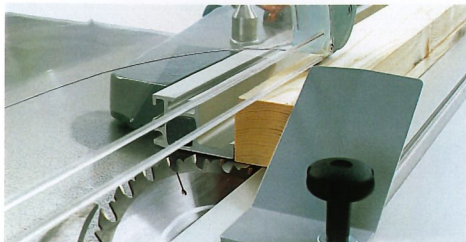
2. Position the rip fence in front of the saw blade, set to the required length and cut.



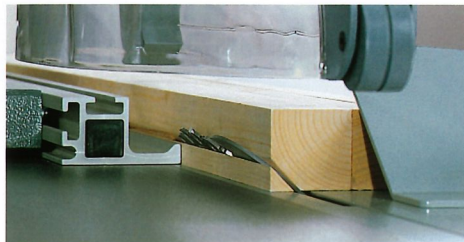
3. Cut the remaining piece to size on the crosscut fence.



## Chamfering



1. Set the rip fence to the width required and position it in front of the tilted saw blade.

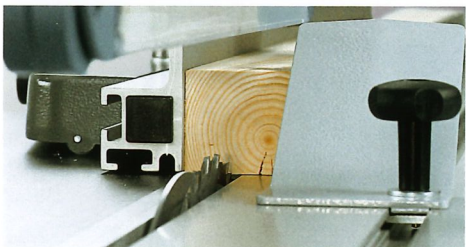


2. Fix the workpiece under the clamping shoe and cut the chamfer.



3. Guide the workpiece on the sliding table through the rotating saw blade.

## Concealed cuts



1. Set the height of the blade and the width on the rip fence.



2. Set the height of the riving knife to 2 mm below the top of the saw blade teeth and position the rip fence behind the saw blade.



3. Guide the workpiece on the sliding table through the rotating saw blade, using the push stick if necessary.



# Panel applications

## Squaring



1. Align the panel and make a trim cut.



2. Turn the panel anti-clockwise and place the trimmed edge against the fence.



3. Cut to square.

## Dividing up



1. Position the rip fence in front of the saw blade and set the width.



2. Cut panel strips on the rip fence.



3. Cut the remaining piece to width on the crosscut fence.

## Sizing



1. Make a square cut on panel strip.



2. Cut panel strip to final length on the rip fence.



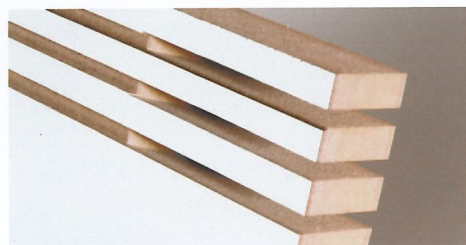
3. Cut the remaining piece to size on the crosscut fence.



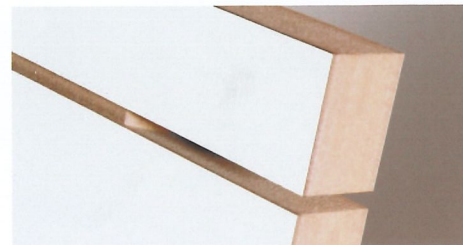
## Cutting with scorer



1. Set the scoring blade to the cutting width of the main saw blade.

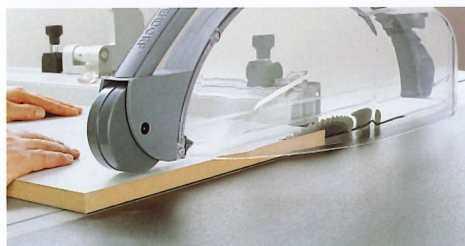


2. Make trial cuts for fine adjustment (on both sides) of the scorer to the main saw blade.



3. Result: clean, chip-free finished cut on both the top and bottom of the panel.

## Angle cuts



1. Tilt the sawblade to the desired angle, lay the workpiece against the crosscut fence.



2. Bevel ripping on the rip fence with workpiece on the sliding table.

## Mitre cuts



1. Mitre cut using crosscut-mitre fence.



[www.altendorf.com](http://www.altendorf.com)

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