

VG VORGEN

VG-45

PRECISION SLIDING TABLE SAW

CLEAN CUTS. CONTROLLED PRECISION.



WHAT IS A SLIDING TABLE SAW?

A precision cutting machine that supports and guides large panels smoothly through the blade for straighter, cleaner and more repeatable cuts.



**FOR START-UPS, GROWING WORKSHOPS &
ESTABLISHED MANUFACTURERS**



3100 × 1200 mm
CUTTING CAPACITY



3200 mm
SLIDING TABLE



100 mm
CUTTING HEIGHT



5.5 kW
MAIN MOTOR



45° / 90°
BLADE TILT

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PRECISION PANEL CUTTING

Clean cuts. Controlled precision.



Built for cabinet and panel production

The VORGEN VG-45 combines a long sliding table, scoring saw and precision fence system to produce straight, repeatable cuts with fewer chips on laminated panel surfaces.

● **3100 mm**

MAXIMUM CUTTING LENGTH

● **1200 mm**

RIP-FENCE CUTTING WIDTH

● **100 mm**

MAXIMUM CUTTING HEIGHT

Why a sliding table saw?

- Supports full-size panel positioning with smoother manual travel.
- Scoring blade pre-cuts the decorative surface before the main blade.
- Adjustable 45° / 90° blade tilt expands straight and bevel-cut capability.

MACHINE DATA

VG-45 technical parameters

Parameter	Specification
Machine model	VG-45
Sliding table	3200 x 375 mm
Maximum cutting length	3100 mm
Cutting width: blade to rip fence	1200 mm
Maximum cutting height	100 mm
Scoring blade speed	8,800 r/min
Main saw blade diameter	350 mm
Scoring blade diameter	120 mm
Main spindle speeds	3,000 / 4,000 / 5,000 r/min
Main spindle diameter	30 mm
Scoring spindle diameter	20 mm
Main motor	5.5 kW
Scoring motor	0.75 kW
Saw blade tilt	45° / 90°
Overall dimensions	3200 x 3150 x 900 mm
Gross weight with wooden package	Approx. 750 kg
Certification	CE
Standard warranty	1 year, subject to sales agreement

Specifications are based on the supplied source document. Final configuration, electrical matching and accessories must be confirmed in the signed quotation.

DUAL-BLADE PERFORMANCE

Cleaner edges start with scoring

The scoring blade marks the decorative surface first. The main blade then completes the cut, helping reduce burrs and surface chipping when the blade, feed and material are correctly matched.



Scoring + main blade

The double-blade arrangement supports cleaner laminated-panel cutting and a more controlled finish.



Independent adjustment

Fine scoring-blade adjustments help align the kerf and reduce edge breakage caused by incorrect setup.

Cutting capability

5.5 kW

MAIN MOTOR

8,800 r/min

SCORING BLADE

45° / 90°

BLADE TILT

Blade condition, material type, cutting speed and machine calibration all affect the final edge quality.

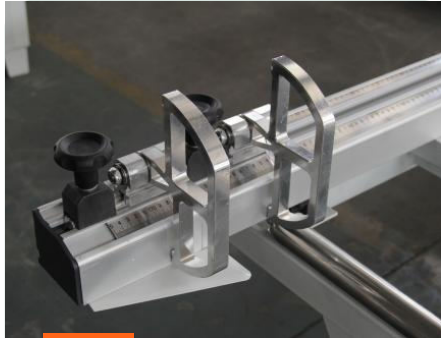
STABLE MATERIAL HANDLING

Smooth travel. Repeatable positioning.



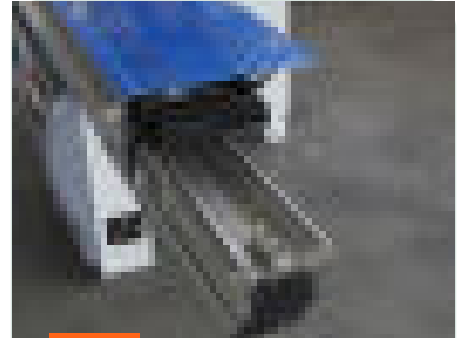
Round-rod guide

Low-friction travel supports smoother pushing and stable panel movement.



Precision fence

Auxiliary positioning supports square, repeatable crosscuts.



Extended table

The 3200 mm sliding platform supports long workpieces and full panel handling.

Built around the operator

The long sliding table, accessible controls and rigid references are designed to make daily cutting easier to control. Accurate results still depend on correct calibration, blade selection and operator technique.

01

Position

Set the fence and support the panel.

02

Score

Pre-cut the surface layer.

03

Cut

Move the panel smoothly through the main blade.

04

Inspect

Check size, squareness and edge quality.

STRUCTURE & POWER

Made for consistent daily production



Motor system

A 5.5 kW main motor drives the primary saw. Dedicated scoring power supports the pre-cutting stage.



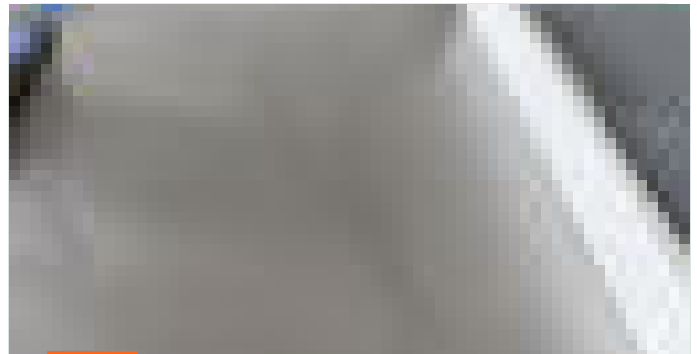
Rigid machine frame

A solid, reinforced body helps control vibration and supports cutting stability.



Machined base

Precision machining of the sliding-table base supports alignment and long-term stability.



Polished workbench

A smooth, high-hardness surface helps panels move with less resistance.

Routine inspection and calibration are essential to preserve cutting accuracy and safe operation.

FROM CAPABILITY TO OUTCOME

Practical production value



CLEANER CUTS

Scoring and main blades work together to reduce chipping on suitable panels.

FULL-PANEL HANDLING

The long sliding table supports cabinet panels and long workpieces.

BEVEL FLEXIBILITY

45° / 90° tilt capability supports straight and angled cutting requirements.

REPEATABLE SETUP

Fences and positioning references help operators reproduce dimensions.

Suitable applications include cabinet panels, plywood, laminated boards and other panel-furniture components when paired with the correct blade and setup.



VG-45

PRECISION SLIDING TABLE SAW

Clean cuts. Controlled precision. Built for daily production.

CONTACT & LOCATIONS

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