



# SAWS

## "S"- Series - Sliding Table Panel Saws

Supported by:



on the basis of a decision  
by the German Bundestag



OVERVIEW OF "S" - SERIES PANEL SIZING SAWS	S315	S400	S400NC
Max. saw blade diameter (mm)	315	400	400
Max. cutting height (with scorer) at 90°/46° (mm)	90 / 63	135 / 95	135 / 95
Sliding table length depending on equipment (mm)	2000 / 2800 / 3200 / 3800	2000 / 2800 / 3200 / 3800	2000 / 2800 / 3200 / 3800
Max. cutting length depending on equipment (mm)	1730 / 2530 / 2930 / 3530	1730 / 2530 / 2930 / 3530	1730 / 2530 / 2930 / 3530
Height adjustment	Handwheel on operator site	Handwheel on operator site	Dimensions entered via control panel
Cutting angle adjustment	Handwheel on operator side with digital display	Handwheel on operator side with digital display	Dimensions entered via control panel
Scorer adjustment	Manual	Manual	Simple electrical adjustment on control panel
Adjusting the cutting width at the rip fence	Handwheel on operator side with fine adjustment & digital display	Handwheel on operator side with fine adjustment & digital display	Dimensions entered via control panel
Cutting width at rip fence (mm)	800 / 1000 (standard) / 1300	800 / 1000 (standard) / 1300	800 / 1000 (standard) / 1300
Max. working width to left of saw blade (mm)	3250	3250	3250
Main saw motor output (KW)	4 (optional 5,5)	5,5	5,5
Speed rpm	3000, 4000, 5000	3000, 4000, 5000	3000, 4000, 5000
Scorer motor output (KW)	0,75	0,75	0,75

**Precision, reliability, speed and convenience – WEGOMA® sliding table panel saws satisfy the most stringent demands at an attractive price.**

For over 40 years, WEGOMA® has been manufacturing woodworking machinery for professionals who insist on true quality and performance. The materials used, the design and exacting final quality control ensure that you are investing in a top-quality machine. This is precisely why countless WEGOMA® machines that have provided reliable service for many years are still in use today. Quality made by WEGOMA®.

Sliding table panel saws must guarantee fast and accurate operation that can be relied on for many years to come. The new and modern panel sizing machines in the WEGOMA® "S" - Series have been developed especially for this purpose. The latest technologies, such as our innovative sliding table system, patent pending, which ensures maximum precision combined with smooth and accurate operation, are employed successfully in this series. In addition, innovative operator concepts, for example the straightforward and precise control of the rip fence, give you maximum support in quickly and efficiently processing your workload.

WEGOMA® sliding table panel saws are professional machines, built by experts in the field for experts out in the field.



## "S" - Series - Sliding Table Panel Saws

### MACHINE BASE

- The torsion-resistant and sturdy machine base guarantees high stability and smooth operation.
- All critical moving parts, for example the adjusting spindles, have dust encapsulation.
- Powerful, smooth-running saw unit with large tilting segments for effortless, accurate tilting of the unit.
- The motor in the S315 has a 4 kW output (5.5 kW also available) and can be operated at 3 speeds (3000, 4000 and 5000 rpm). The speed is adjusted manually. Models S400 and S400NC are already fitted with a 5.5 kW motor in the basic scope of delivery.
- The saw includes a scorer unit as standard equipment, which has its own motor and ensures tear-free panel undersides.

### OPERATION

- All saws in the S Series are user-friendly and are quick and easy to operate.
- The cutting height, cutting angle and cutting width at the rip fence are adjusted directly from the operator position, from the front at the machine stand (S315 and S400) and at the tilting eye-level control panel (S400NC).
- Fine adjustment of the cutting width is accomplished at the rip fence on models S315 and S400 via an additional handwheel. An electrical brake securely arrests the fence and the cutting dimensions are accurately displayed to one tenth of a millimetre.
- The cutting angle and saw blade height are also adjusted using the handwheel (S315, S400). The adjusted angle is also displayed accurately on the digital display.
- On model S400NC, the scorer, cutting height, cutting angle and cutting width at the rip fence are adjusted electrically via the tilting eye-level control panel.

### SLIDING TABLE

The innovative sliding table system (patent pending) from WEGOMA® is setting new standards:

- Maximum precision – the maximum deviation for a cut to 1 metre length is 0.05 millimetres.
- Smooth, accurate operation thanks to precision rollers and hardened, ground steel guides.
- We use the latest materials and sealing and lubrication technologies in our rollers, guaranteeing a long service life, low frictional resistance and quiet operation, even under the most extreme operating conditions, for example in dusty or dirty conditions, or where operation is continuous.
- The highly ribbed, sturdy multi hollow chamber frame provides for high dimensional stability and torsional strength, even under extremely high loads.
- All component parts are installed with dust resistance and the intelligent brush system cleans the carriage automatically with every movement.
- The system is designed to require minimal maintenance and is lubricant-free.
- Straightforward and secure locking of the table across the entire table length at 50 mm intervals.

### DETAILS:



Machine stand (S315, S400)

### DETAILS:

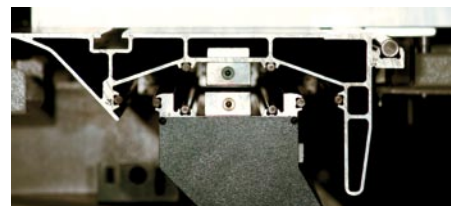


Quick and easy adjustment from operator position



Control panel with tilting arm (S400NC)

### DETAILS:



Sliding table system, patent pending



Secure locking frame at 50 mm intervals



Simple and secure arresting

## RIP FENCE

### Rip fence S315, S400:

Convenient, fast and operator-friendly. You will find no other sliding table panel saw in this price range that combines a rip fence with handwheel adjustment and a digital display.

- Faster, safer and much more precise. The machine is operated from the front, on the operator side, without loss of time or readout errors. With coarse and fine adjustment, safe electrical clamping and digital display of the cutting width accurate to one tenth of a millimetre.
- The accurate aluminium straightedge can be adjusted and moved into the horizontal position to cut narrow workpieces using the angled saw blade. Naturally the digital display automatically calculates the dimensional difference between a horizontal and vertical straightedge.
- To cut larger workpieces, simply remove the upper section of the rip fence together with the straightedge and secure to the fixture provided for this purpose on the machine.

### Rip fence S400NC:

- The rip fence is adjusted electrically by entering the dimensions on the control panel.

## DETAILS:



Rip fence digital display



The rip fence is adjusted via the handwheel and handwheel for fine adjustment

## CROSSCUT TABLE

Our crosscut table with a telescopic crosscut fence, combining a high loading capacity, precision and smooth operation, is of the same exceptionally high standard:

- Crosscut table with 12 sets of ball bearings ensures extremely smooth operation, even under heavy loads.
- High capacity is guaranteed by the large dimensions of the steel output tube, together with a reinforced machine stand.
- The extendable telescopic crosscut fence has ball bearings for straightforward adjustment, eliminating inconvenient hooking and clamping.
- Precise stop flaps, simple to move with a play-free position thanks to the conical clamp.
- Scales are accurate and easy to read.

## DETAILS:



Crosscut fence



Telescopic rail with ball bearings

## S315 - Sliding Table Panel Saw

Sliding table panel saw for saw blades up to D= 315 mm

### DESCRIPTION:

Powerful, accurate and reliable, the S315 includes a comprehensive range of standard equipment such as the standard scorer unit or the mitre fence, delivering high quality at an attractive price. As with all saws in the S Series, operation of the S315 is also user-friendly, quick and straightforward. The rip fence is adjusted from the operator position, saving time and providing you with optimal support in your daily duties. In addition, the machine incorporates the innovative WEGOMA® sliding table system (patent pending), designed not only for durability but also for maximum precision.

### EQUIPMENT:

- Height, tilt and rip fence are adjusted via the handwheels from the front of the machine.
- Tilt angle and cutting width with digital display.
- Main motor 4 kW, 3-speed (3000, 4000, 5000 rpm) with belt drive adjustment, scorer equipped with an independent drive.
- Crosscut fence for sizing up to 3.2 m, mitre fence, clamping shoe, push block, tool compartment and manual quick clamp all included in delivery.
- Protective guard with suction arm, secured to riving knife.
- The cutting capacity of the saw can be increased at any time by retrofitting the tilting mount for the flowoptimised suction guard (for 400 mm saw blade diameter).

### Scope of delivery:

- Removable rip fence with digital display of cutting width.
- Crosscut fence for sizing up to 3.2 m.
- Scorer unit with independent drive.
- Main motor with 4 kW output (optional 5.5 kW).
- Mitre fence for precision cutting of mitres and plane angles. Easily adjustable, straightforward attachment to the sliding table.
- Manual quick clamp for simple positioning and securing of workpieces.
- Clamping shoe for trimming planks.
- Suction arm.
- Push stick.
- Handle for push block.
- Tool compartment



S315 - Sliding Table Panel Saw

**TECHNICAL DATA:**

Voltage	400 V, 50/60 Hz	<b>Saw</b>	
Sliding table dimensions	2000 / 2800 / 3200 / 3800 x 405 mm	Max. saw blade	Ø 315 mm
Max. cutting width of rip fence (standard)	1000 mm	Saw blade mount	Ø 30 mm
Max. cutting width of rip fence (optional)	800 / 1300 mm	Cutting height 90°/45° with scorer	90 mm / 63 mm
Cutting length	1730 / 2530 / 2930 / 3530 mm	Motor output	4.0 kW
Max. working width to left of saw blade	3250 mm	Speed	3000, 4000 and 5000 rpm
Height adjustment	Manual	<b>Scorer unit</b>	
Saw blade tilt	Manual / 46°	Saw blade	Ø 120 mm
Motor circuit breaker	Yes	Saw blade mount	Ø 22 mm
Suction attachment	Ø 100 mm	Motor output	0.75 kW
Suction attachment at protective guard	Ø 60 mm	Spindle speed	8000 rpm
Table height (standard)	870 mm	Weight with SWS20 / 28 / 32 / 38	850 / 900 / 950 / 1000 kg
Table height (optional)	910 mm		
Table size	1000 x 680 mm		

**DETAILS:**

Front panel: Adjustment of height, crosscut and rip fence



Fixture for rip fence



Mitre fence included in basic delivery without additional charge



Close-up of mitre fence



Crosscut fence pulls out to max. 3250 mm



Saw guard secured to riping knife

**ORDER NUMBERS:**

Order-No.	Designation:
20500001	S315 with sliding table WEGOMA System SWS20, length 2.0 m
20500002	S315 with sliding table WEGOMA System SWS28, length 2.8 m
20500003	S315 with sliding table WEGOMA System SWS32, length 3.2 m
20500004	S315 with sliding table WEGOMA System SWS38, length 3.8 m
96000684	WEGOMA-circular saw blade 300 x 3.2 x 30 z72 WZ
96000686	Adjustable scoring saw blade 120 x 22 z12/12, VSB 2,8 - 3,6
20500900	On and off switch on sliding table (no remote control, no battery)
20500901	5.5 kW motor for S315
20500902	Cutting width at rip fence 1300 mm instead of 1000 mm
20500912	Cutting width at rip fence 800 mm instead of 1000 mm
20500903	Digital display at crosscut fence
20500904	Additional feet for working height 910 mm instead of 870 mm
20500905	Quick-Score pre-score system
20500906	Fixed frame for large panels
20500907	Pneumatic pressure bar
20500908	Spraying device
20500909	Retrofit kit for 400 mm saw blade with tilting suction guard

## S400 - Sliding Table Panel Saw

Sliding table panel saw for saw blades up to D= 400 mm.

### DESCRIPTION:

Our S400 sliding table panel saw offers the same equipment features as the S315 model. However, with a maximum saw blade diameter of 400 mm, the S400 provides a larger cutting capacity and an even more powerful motor with a 5.5 kW output. Our flowoptimised protective saw guards are fitted to the suction arm, which tilts back fully when not required. The saw guards adjust automatically to the thickness of the workpieces to be processed. Using a small number of hand grips, the narrow guard can be exchanged for the wide guard and secured to the fixture provided for this purpose on the machine stand.

### EQUIPMENT:

- The height, angle and rip fence are adjusted via the handwheels from the front of the machine, the tilt angle and cutting width via the digital display.
- Main motor 5.5 kW, 3-speed (3000, 4000, 5000 rpm) with belt drive adjustment, scorer equipped with an independent drive.
- Crosscut fence for sizing up to 3.2 m, mitre fence, clamping shoe, push block, tool compartment and manual quick clamp all included in delivery.
- Suction guard (narrow and wide guards with quick change function), tilts back, and fixture for guard when not required.

### Scope of delivery:

- Removable rip fence with digital display of cutting width.
- Crosscut fence for sizing up to 3.2 m.
- Scorer unit with independent drive.
- Main motor with 5.5 kW output.
- Mitre fence for precision cutting of mitres and plane angles. Easily adjustable, straightforward attachment to the sliding table.
- Protective saw guards with quick change function at tilting suction arm.
- Manual quick clamp for simple positioning and securing of workpieces.
- Clamping Shoe for trimming planks.
- Push stick.
- Handle for push block.
- Tool compartment.



S400 - Sliding Table Panel Saw



## TECHNICAL DATA:

Voltage	400 V, 50/60 Hz
Sliding table dimensions	2000 / 2800 / 3200 / 3800 x 405 mm
Max. cutting width of rip fence (standard)	1000 mm
Max. cutting width of rip fence (optional)	800 / 1300 mm
Cutting length	1730 / 2530 / 2930 / 3530 mm
Max. working width to left of saw blade	3250 mm
Height adjustment	Manual
Saw blade tilt	Manual / 46°
Motor circuit breaker	Yes
Suction attachment	Ø 100 mm
Suction attachment at protective guard	Ø 80 mm
Table height (standard)	870 mm
Table height (optional)	910 mm
Table size	1000 x 680 mm

## Saw

Max. saw blade	Ø 400 mm
Saw blade mount	Ø 30 mm
Cutting height 90°/45° with scorer	135 mm / 95 mm
Motor output	5.5 kW
Speed	3000, 4000 and 5000 rpm

## Scorer unit

Saw blade	Ø 120 mm
Saw blade mount	Ø 22 mm
Motor output	0.75 kW
Spindle speed	8000 rpm
Weight with SWS20 / 28 / 32 / 38	890 / 990 / 1000 / 1050 kg

## DETAILS:



Narrow saw guard.



Wide saw guard.



Side view of saw guard fixture.



Tilting suction arm.



Digital display for rip fence.



Front panel: Adjustment of height, angle and rip fence.

## ORDER NUMBERS:

Order-No.	Designation:
20500101	S400 with sliding table WEGOMA System SWS20, length 2.0 m
20500102	S400 with sliding table WEGOMA System SWS28, length 2,8 m
20500103	S400 with sliding table WEGOMA System SWS32, length 3,2 m
20500104	S400 with sliding table WEGOMA System SWS38, length 3,8 m
96000684	WEGOMA-circular saw blade 300 x 3,2 x 30 Z72 WZ
96000685	WEGOMA-circular saw blade 350 x 3,2 x 30 Z84 WZ
96000686	Adjustable scoring saw blade 120 x 22 z12/12, VSB 2,8 - 3,6
20500900	On and Off switch on sliding table (no remote control, no battery)
20500902	Cutting width at rip fence 1300 mm statt 1000 mm
20500912	Cutting width at rip fence 800 mm statt 1000 mm
20500903	Digital display at crosscut fence
20500904	Additional feet for working height 910 mm instead of 870 mm
20500905	Quick-Score pre-score system
20500906	Fixed frame for large panels
20500907	Pneumatic pressure bar
20500908	Spraying device

## S400NC - Sliding Table Panel Saw

Sliding table panel saw for saw blades up to D= 400 mm.

### DESCRIPTION:

The basic design and mechanics of our S400NC are equal to the S400, however, this model also incorporates an intelligent and modern electronic control system with a diagnostics function. This provides the operator with precision at the touch of a button. The four functions for cutting height, cutting angle, cutting width and adjustment of the scorer via the electric motor are managed simply and conveniently from the control panel. The panel tilts and is located at optimum eye level. Magnetic tape is used to accurately scan the desired dimensions and the actual value is then displayed precisely. The scorer, which is also controlled electronically, automatically rises to the selected height when it is switched on and is lowered again when it is switched off. Naturally we have a clear and self-explanatory operator guidance included in our modern control system. Operating the machine thus requires a minimum training investment.

### EQUIPMENT:

- Electrical adjustment of saw height, tilt, rip fence and scorer, straightforward input of dimensions via the eye-level control panel; the units are then moved to the specified dimensions.
- Suction guard (narrow and wide guards with quick change function), tilts back, and fixture for guard when not required.
- Main motor 5.5 kW, 3-speed (3000, 4000, 5000 rpm) with belt drive adjustment, scorer equipped with an independent drive.
- Crosscut fence for sizing up to 3.2 m, mitre fence, clamping shoe, push block, tool compartment and manual quick clamp all included in delivery.

### Scope of delivery:

- Convenient control panel for control and display.
- Removable rip fence.
- Crosscut fence for sizing up to 3.2 m.
- Scorer unit with independent drive.
- Main motor with 5.5 kW output.
- Mitre fence for precision cutting of mitres and plane angles. Easily adjustable, straightforward attachment to the sliding table.
- Protective saw guards with quick change function at tilting suction arm
- Manual quick clamp for simple positioning and securing of workpieces.
- Clamping shoe for trimming planks.
- Push stick.
- Handle for push block.
- Tool compartment.



**TECHNICAL DATA:**

Voltage	400 V, 50/60 Hz
Sliding table dimensions	2000 / 2800 / 3200 / 3800 x 405 mm
Max. cutting width of rip fence (standard)	1000 mm
Max. cutting width of rip fence (optional)	800 / 1300 mm
Cutting length	1730 / 2530 / 2930 / 3530 mm
Max. working width to left of saw blade	3250 mm
Height adjustment	Via electric motor
Saw blade tilt	Via electric motor / 46°
Scorer adjustment	Via electric motor
Rip fence	Via electric motor
Motor circuit breaker	Yes
Suction attachment at machine	Ø 100 mm
Suction attachment at protective guard	Ø 80 mm
Table height (standard)	870 mm
Table height (optional)	910 mm
Table size	1000 x 680 mm

**Saw**

Max. saw blade	Ø 400 mm
Saw blade mount	Ø 30 mm
Cutting height 90°/45° with scorer	135 mm / 95 mm
Motor output	5.5 kW
Speed	3000, 4000 and 5000 rpm

**Scorer unit**

Saw blade	Ø 120 mm
Saw blade mount	Ø 22 mm
Motor output	0.75 kW
Spindle speed	8000 rpm
Weight with SWS20 / 28 / 32 / 38	1000 / 1050 / 1100 / 1150 kg

**DETAILS:**

Convenient control panel



with tilting arm



Rip fence controlled electronically



Machine front without handwheels



Close-up of mitre fence



Side view of saw guard fixture

**ORDER NUMBERS:**

Order-no.	Designation
20500201	S400NC with sliding table WEGOMA System SWS20, length 2,0 m
20500202	S400NC with sliding table WEGOMA System SWS28, length 2,8 m
20500203	S400NC with sliding table WEGOMA System SWS32, length 3,2 m
20500204	S400NC with sliding table WEGOMA System SWS38, length 3,8 m
96000684	WEGOMA- circular saw blade 300 x 3,2 x 30 Z72 WZ
96000685	WEGOMA- circular saw blade 350 x 3,2 x 30 Z84 WZ
96000686	Adjustable scoring saw blade 120 x 22 z12/12, VSB 2.8 – 3.6
20500900	On and Off switch on sliding table (no remote control, no battery)
20500913	Cutting width at rip fence 1300 mm instead of 1000 mm
20500914	Cutting width at rip fence 800 mm instead of 1000 mm
20500903	Digital display at crosscut fence
20500904	Additional feet for working height 910 mm instead of 870 mm
20500905	Quick-Score pre-score system
20500906	Fixed frame for large panels
20500907	Pneumatic pressure bar
20500908	Spraying device

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