

**THE
ORIGINAL.
FOR
VERTICAL.**



WWW.STRIEBIG.COM

COMPACT
STANDARD
STANDARD S
EVOLUTION
CONTROL
STRIEBIG 4D

STRIEBIG

VERSATILE. PRECISE. SOLID.

STRIEBIG – THE ECONOMICAL CUTTING TECHNOLOGY!

The Swiss label is a symbol of quality, safety, reliability and solidity. We share and live these values for our customers.



We are STRIEBIG.

INNOVATION COMPETENCE

Since 1961, we have been focusing on a single product category: vertical panel saws. Ludwig Striebig, the founder of our company, invented this technology.

With passion and comprehensive expertise, we create long-lasting value for you: STRIEBIG is synonymous with vertical panel saws.

Saw a wide range of panel materials with efficiency and precision.

STRIEBIG SAW VERTICAL SAW

THE SAW FRAME

Free-standing, fully welded and torsion-resistant, it ensures many years of cutting precision and a high degree of investment security.

THE SAW BEAM

Its steel structure is especially stable and long-lasting. The double interlocking ensures absolute angle accuracy, ensuring cutting precision for many, many saw cuts.

THE SAW UNIT

The unit's robust mounting and powerful drive guide it smoothly and ensure easy and precise operation.

THE "SIZING CUT" PRINCIPLE

PRECISE DIMENSIONS,
PERFECTLY CUT AND
READY TO GLUE.

Every STRIEBIG ensures glue-ready edges without any reworking, with a precision of 1/10 mm. For us, exact edges are the measure of all things.

Utilise the consulting services of our sales partners, and discover the diversity of our solutions.

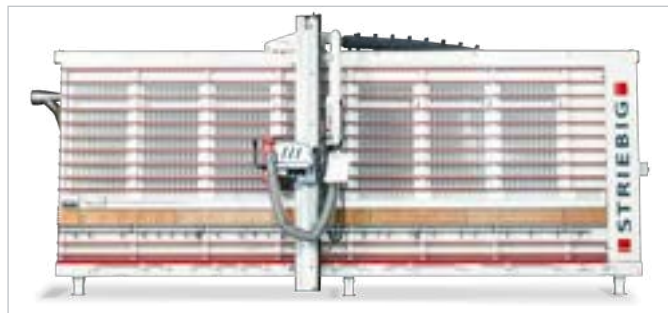
VERSATILITY

This catalog provides you with an overview of the range of vertical STRIEBIG saws. Configure your desired saw at www.striebig.com.

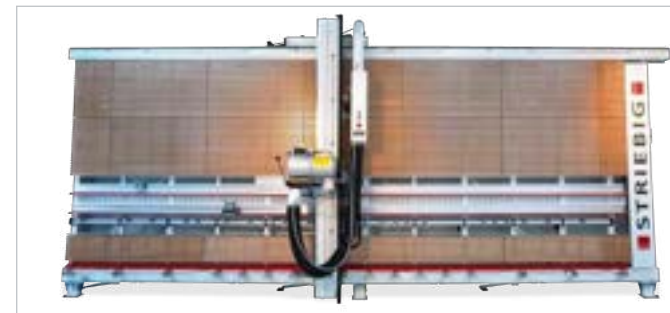
At our specialist dealership partners, you can find STRIEBIG solutions for vertical cutting technology in the showroom. Utilise their consulting services, and select your individual STRIEBIG.

CUTTING OPTIMISATION, OPTIONS AND ACCESSORIES

- p. 16 OptiDivide, retrofittable cutting optimisation
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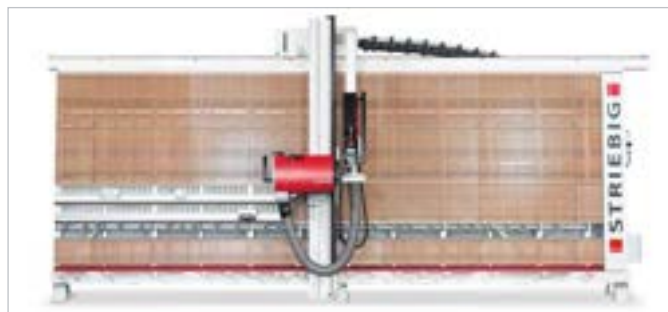


COMPACT Flexible entry-level saw



P. 4 **STANDARD** Proven universal saw

P. 6



STANDARD S Flexible universal saw



P. 8 **EVOLUTION** Entry-level automatic saw

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CONTROL Premium automatic saw



P. 12 **STRIEBIG 4D** Automatic high-end saw centre

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COMPACT

FLEXIBLE ENTRY-LEVEL SAW

FUNCTION AND BENEFITS IMPRESSIVE IN EVERY DETAIL



SUPPORT ROLLERS Up to 17 support rollers.



NEATLY SOLVED

The cable chain ensures durability. It keeps the hose lines and cables separate.

THE SAW UNIT

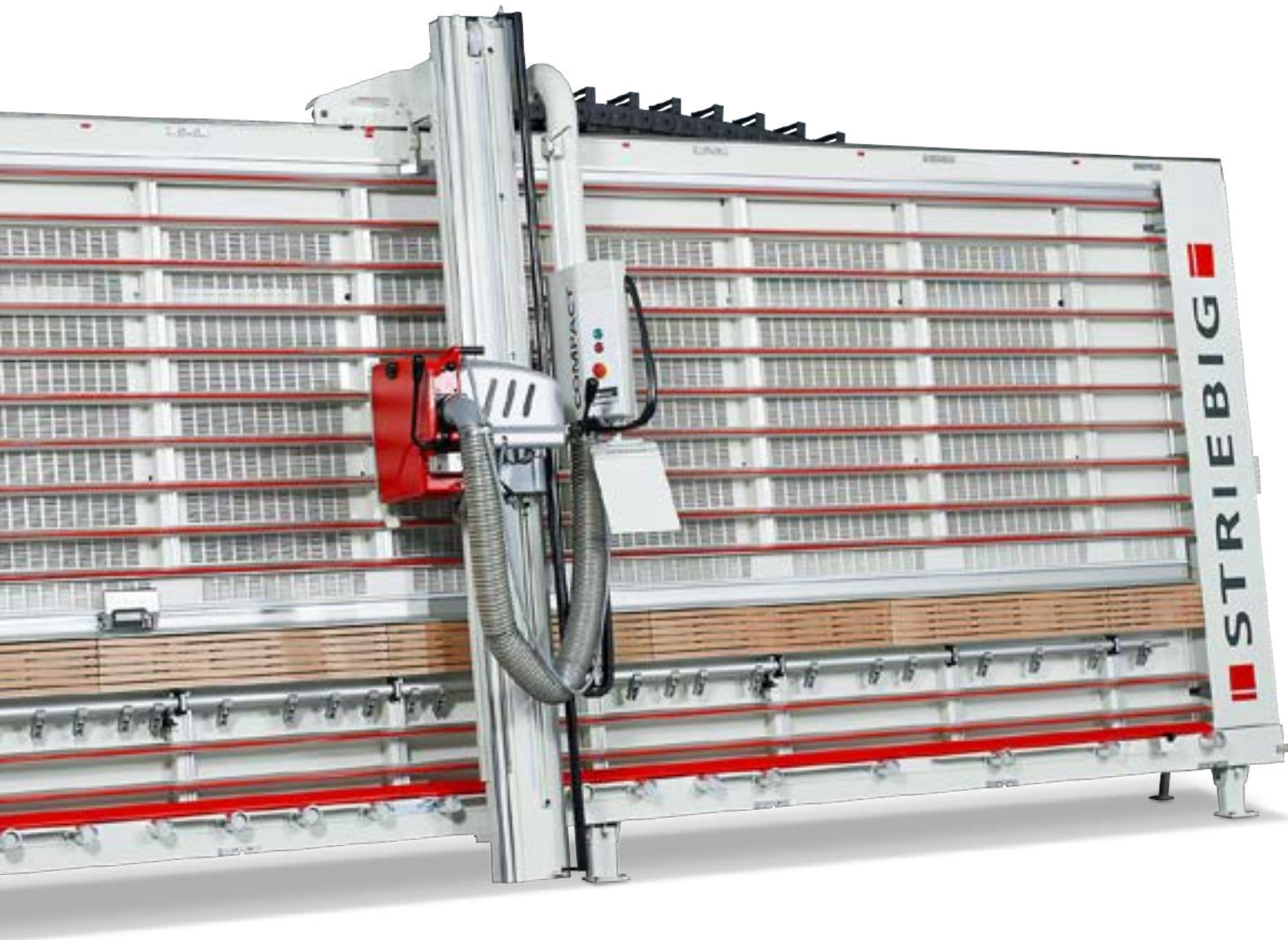
Robust mounting, powerful drive.

The motor: strong and high-torque, 3.9 kW.

The guide: backlash-free and smooth.

In combination with the robust mounting of the saw unit, this ensures simple and precise working. Series standard cutting depth 60 mm.





**MECHANICALLY BRAKED
SUPPORT ROLLER** (OPTION)



VSA - SCORING SAW UNIT
(ACCESSORY)

Saves time, money and tools. A must for larger quantities, a possibly lower quality level of the panels, coated or veneered panel materials and for solid wood panels.



DMS-X - DIGITAL MEASURING SYSTEM (ACCESSORY)

Always the right size. DMS for the X axis.
Freely selectable display precision between 1.0/0.5 and 0.1 mm.

STANDARD

PROVEN UNIVERSAL SAW



Ergonomically designed: STANDARD beam, control box and saw motor (5.5 kW).

The double locking saw beam ensures absolute angular accuracy. The standard cutting depth is 80 mm.

IT RUNS AND RUNS AND RUNS

Tried-and-tested over decades and considered as the VW Beetle of the vertical panel saw sector: the STRIEBIG STANDARD.

The STANDARD has been the benchmark in universal vertical sawing for years. Its flexibility and expansion options make it the ideal panel saw for companies of all sizes.

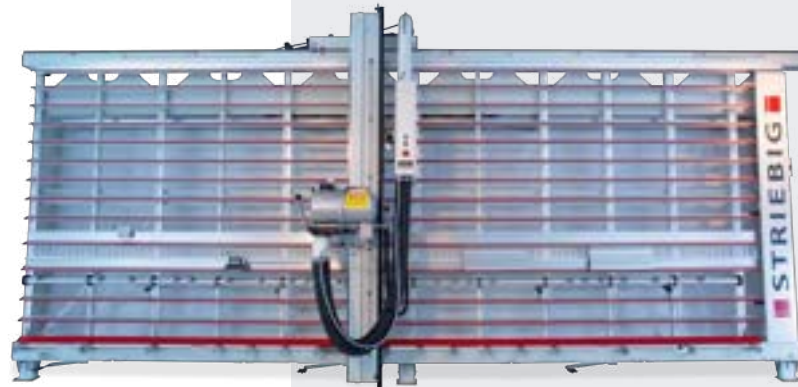
UNIVERSAL FOR DIVERSE APPLICATIONS

Universal in its standard equipment. The built-in strip cutting gauge makes repeat cuts easier while the fixed dimension setting ensures reliable operation for recurring dimensions.

Universal in its design.

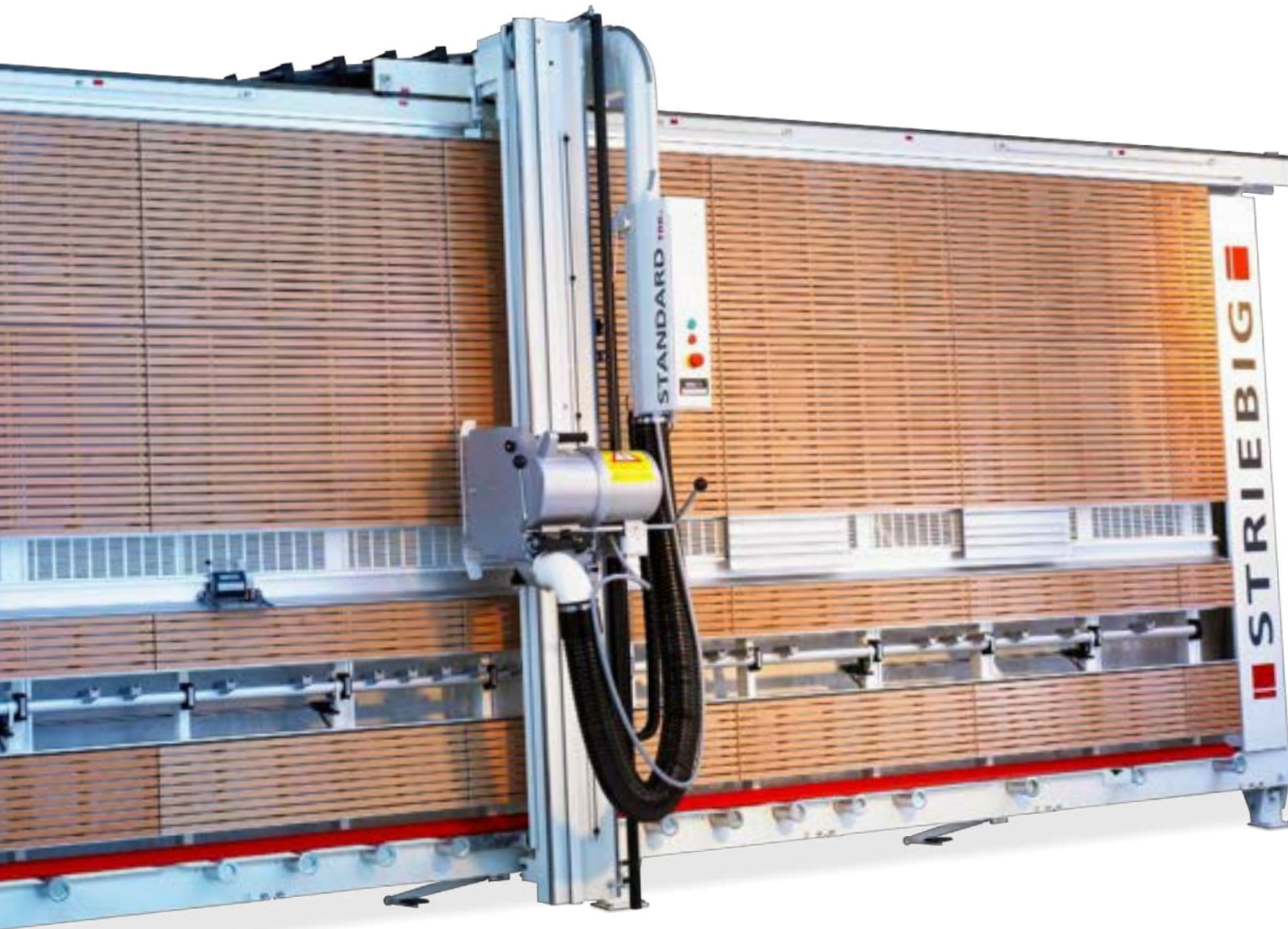
We offer the STANDARD in two different versions:

- TRK1 with automatically yielding wooden support wall made of birch plywood
- TRK2 with automatically yielding aluminium support frame with plastic supports



STRIEBIG STANDARD TRK2 – Image contains accessories





STRIP CUTTING GAUGE

The standard strip cutting gauge with edge-protecting roller support makes repeat cuts easier.



PAPER HOLDER - DOCUMENTS ALWAYS WITHIN REACH (ACCESSORY)

Keeps the work documents available right beside the control box.



DMS-X - DIGITAL MEASURING SYSTEM (ACCESSORY)

Always the right size. DMS for the X axis. Freely selectable display precision between 1.0/0.5 and 0.1 mm.

STANDARD S

FLEXIBLE UNIVERSAL SAW

The STRIEBIG STANDARD - the world's best-selling vertical panel saw.

The STANDARD S is the new addition to the success story. It combines proven and new technology. With two versions, TRK1 and TRK2, and the recommended features with the attractive Comfort package, it offers a variety of options.

STANDARD S - EQUIPMENT TRK1 / TRK2	TRK1	TRK2	TRK1	TRK2
	Comfort	Comfort		
Saw frame, saw beam saw unit	S	S	S	S
TRK dust extraction	S	S	S	S
Automatically yielding wooden support wall	S	-	S	-
Automatically yielding aluminium slatted frame	-	S	-	S
Roller support with 17 rollers and 3 brake pedals	-	-	S	S
Device for wall mounting	S	S	S	S
Strip gutting gauge for repeat cuts	S	S	S	S
Program cam follower for recurring dimensions	S	S	S	S
Small parts support made of aluminium	O	S / O	O	S / O
Small parts support made of wood	S	O	S	O
Pneumatic clamping saw unit	S	S	-	-
Digital measuring system vertical (Y) axis, incl. motorized fine adjustment	S	S	-	-
Pneumatically braked support rollers	S	S	-	-
Laser indicator for horizontal cuts	S	S	O	O
ProLock easy-fix tool clamping system	S	S	S	S

S = Series · O = Option (can only be ordered from the factory)

RECOMMENDED: THE COMFORT PACKAGE

- Pneumatic clamping saw unit
- Digital measuring system vertical (Y) axis
- Pneumatically braked support rollers
- Laser indicator for horizontal cuts



DIGITAL MEASURING SYSTEM VERTICAL

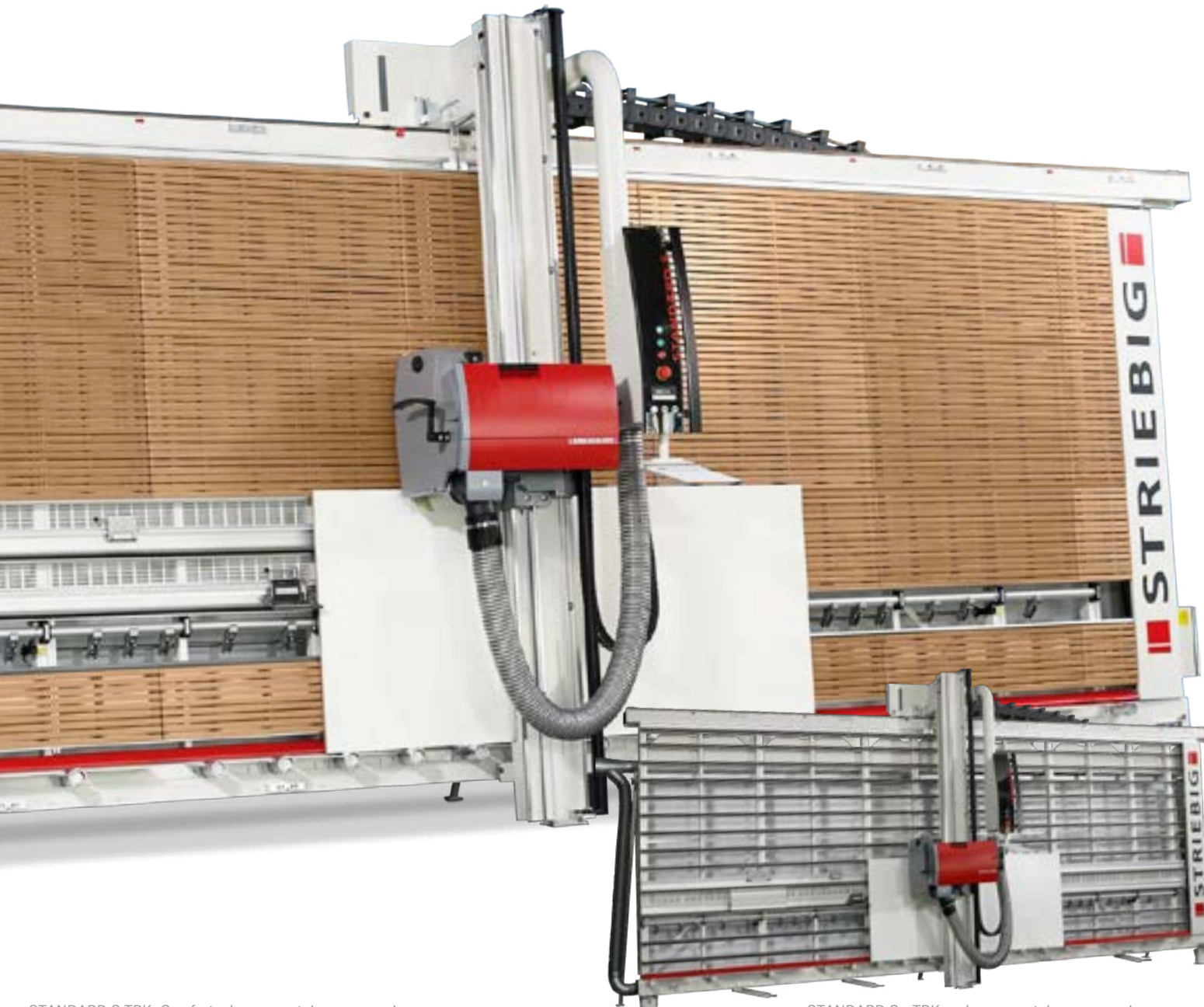
Motorised fine adjustment of the Y axis at the touch of a button. (Standard equipment for the Comfort package)



LASER INDICATOR

Pin-point accuracy. Laser indicator for horizontal cuts





STANDARD S TRK1 Comfort – Image contains accessories

STANDARD S - TRK2 – Image contains accessories



THE SAW UNIT

Strong, powerful motor with 5.5 kW. 80 mm cutting depth as standard. The guide: backlash-free and smooth.



VSA - SCORING SAW UNIT

(ACCESSORY)

Saves time, money and tools. A must for larger quantities, a possibly lower quality level of the panels, coated or veneered panel materials and for solid wood panels.

EVOLUTION

ENTRY-LEVEL AUTOMATIC SAW



Easier for the operator: automatic locking and swivelling and automatic plunge and withdrawal of the saw unit.

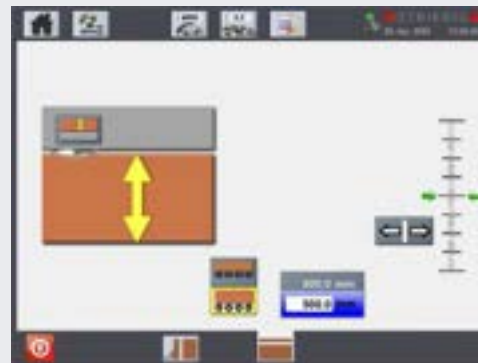
ALWAYS A GOOD DECISION – PRECISION, ERGONOMICS AND FUNCTIONALITY PERFECTLY COMBINED

Automatic functions, such as automatic locking and swivelling or automatic plunge and withdrawal of the saw unit make your daily work easier. The standard cutting depth is 80 mm.

EVOLUTION is operated via a 12 inch touch screen computer. The installed software ensures ease of use in every aspect.

COMPREHENSIVE STANDARD EQUIPMENT

- 12 inch touch screen computer with optimal user guidance (incl. uninterruptible power supply UPS 24VDC)
- Laser indicator for horizontal cuts
- Digital measuring system DMS (both axes)
- Automatic saw blade lock with interface recognition
- Automatic locking and swivelling of the saw unit
- Automatic plunge and withdrawal of the saw unit
- Automatic fine adjustment of the saw unit
- Operating hour counter
- Tool database
- ALU central support over entire machine length
- Integrated, powerful TRK dust extraction system. Dust limit of around 1 mg/m³
- Control cabinet attached directly to the saw frame (separate installation not required)
- Super silent sound insulation
- ProLock easy-fix tool clamping system



Automatic fine adjustment of the saw unit position for horizontal cuts. Measurement from the support rollers and for strip cutting.





LASER INDICATOR

Pin-point accuracy. Laser-supported horizontal cut indicator.



**DMS XY – DIGITAL MEASURING SYSTEM
ALWAYS THE RIGHT SIZE**

Digital measuring system DMS for both axes (standard equipment). Freely selectable display accuracy between 1.0/0.5 and 0.1 mm.

CONTROL

PREMIUM AUTOMATIC SAW



Automatic motorised tilting is just one of the many functions that support fully automatic sawing with the CONTROL. Standard cutting depth: 80 mm.

CONTROL

INTELLIGENT AND ERGONOMICALLY DESIGNED CUTTING TECHNOLOGY

The 12 inch touch screen computer and new machine software ensure improved operating convenience in every detail. Advanced equipment and innovative vertical 4.0 options allow a high level of automation in the sawing process and the integration of the CONTROL into the operational data flow.

VERTICAL 4.0

IMPROVED AUTOMATIC CUTTING

The intelligent visualisation on the touch screen guides the operator through the cutting plan step by step.

STRIEBIG BaseCut THE ‚LIGHT‘ VERSION.

You create simple parts lists and optimise the cutting automatically and easily directly via the 12 inch touch screen of your STRIEBIG CONTROL.

MORE EQUIPMENT MORE USES

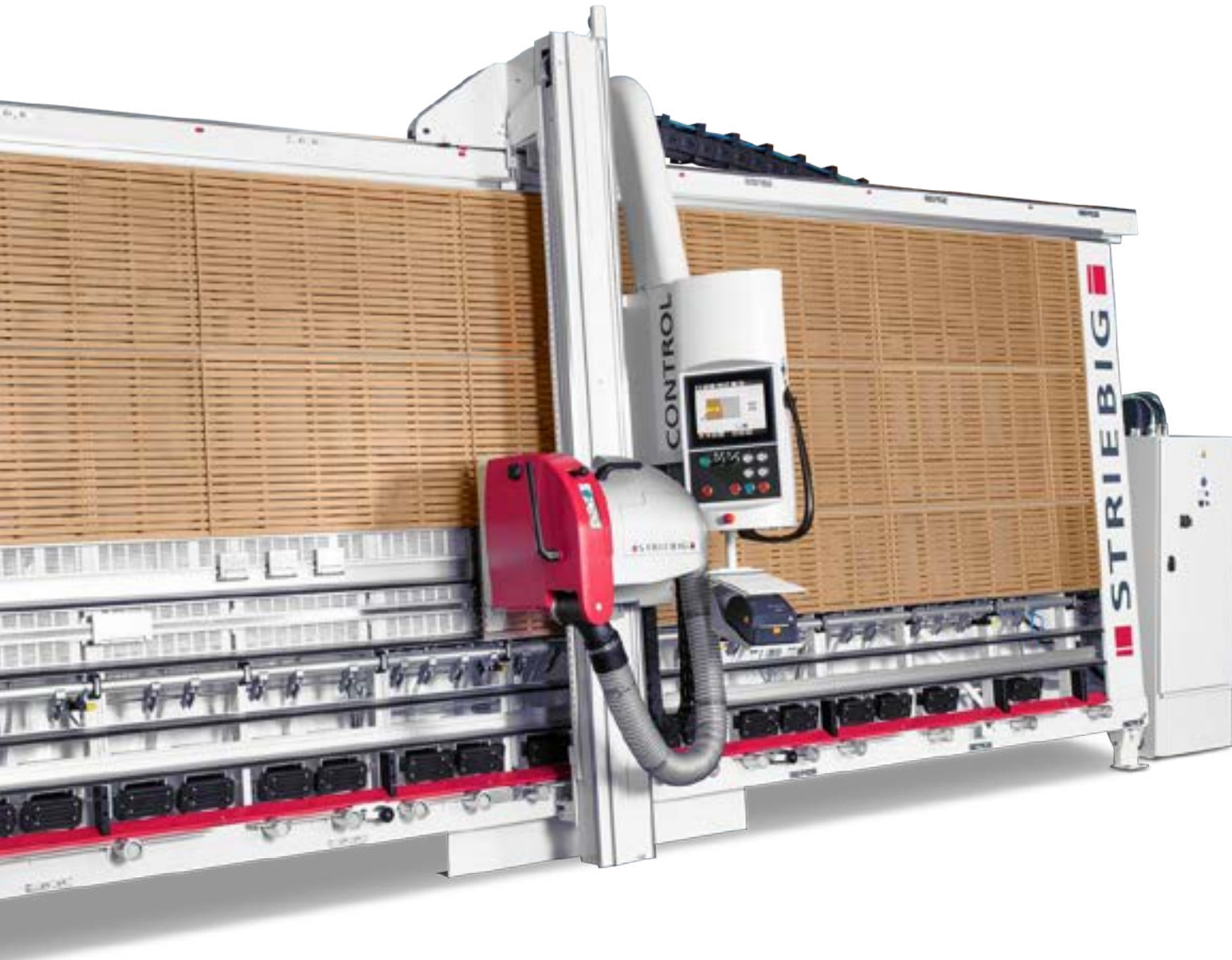
- 12 inch touch screen computer with optimal user guidance (incl. uninterruptible power supply UPS 24VDC)
- Laser indicator for horizontal cuts
- Digital measuring system DMS-X
- Electronic positioning system EPS-Y incl. automatic top trimming - ABO
- Automatic saw blade lock with interface recognition
- Automatic locking and swivelling of the saw unit
- Automatic plunge and withdrawal of the saw unit
- Automatic panel end detection
- Fully automatic sawing process
- Feed speed continuously adjustable 10-25 m/min
- Selectable sawing cycle
- Pneumatic coupling for easy conversion to manual operation
- Operating hour counter
- Tool database
- ALU central support over entire machine length
- Integrated, powerful TRK dust extraction system. Dust limit of around 1 mg/m³
- Super silent sound insulation
- Network connection
- ProLock easy-fix tool clamping system
- Automatic saw beam positioning ASP

STRIEBIG ExpertCut THE ‚PROFESSIONAL‘ VERSION.

You take over parts lists from commercially available ERP or CAD systems, optimise them with the STRIEBIG cutting optimisation software at the office workstation.

For details about BaseCut / ExpertCut, see pages 16 and 17.





ABO – TOP TRIMMING / EPS-Y

With the standard EPS-Y you automatically position the saw unit for the horizontal saw cut. The standard ABO ensures the automatically running upper trimming cut. This combination can be supplemented with the 4SB (option) for the lower trimming cut.



4SB – LOWER TRIMMING (OPTION)

The lower trim cut becomes child's play: Panels up to 5300mm long and 2185mm high can be trimmed automatically by the 4SB system. This eliminates the need for heavy physical work.



NEW, OPTIMISED CONTROL CENTRE

With the logically structured STRIEBIG-HMI you can control the CONTROL very easily and conveniently with the 12 inch touch screen.

STRIEBIG 4D

AUTOMATIC HIGH-END SAW CENTRE



Smooth 1-person panel cutting thanks to effortless operation of the STRIEBIG 4D. (Image contains accessories)

STRIEBIG 4D

SPACE AND TIME IN PERFECT SYMBIOSIS

A STRIEBIG 4D is always a tailor-made solution for your company. Customisation is the order of the day. The entire horizontal and vertical transport of the workpiece (optional) through the STRIEBIG 4D is fully automatic. Comfortable, almost effortless 1-man operation of the saw becomes standard.

VERTIKAL 4.0

STRIEBIG EXPERTCUT WITH CUTTING OPTIMISATION

The 4D offers you intelligent cutting optimisation for your requirements.

The program provides an automatic cutting order, optimum sawing process and the best possible material utilisation.

We can adjust interfaces to meet the requirements of your PPS system. We customise them perfectly to your wishes.

Further details can be found on page 17.

HIGH-END WITH PERFECT BASIC EQUIPMENT

- 12 inch touch screen computer with optimal user guidance (incl. uninterruptible power supply UPS 24VDC)
- Laser indicator for horizontal cuts
- Digital measuring system DMS-X
- Electronic positioning system for horizontal section EPS-Y
- Automatic saw blade lock with interface recognition
- Automatic swivelling of the saw unit in vertical or horizontal cutting position
- Automatic plunge and withdrawal of the saw unit
- Automatic panel end detection
- Fully automatic sawing process
- Automatic movement of the splitting wedge
- Continuously adjustable feed rate 10-25 m / min
- Selectable sawing cycle
- Pneumatic coupling for easy conversion to manual operation
- Operating hour counter
- Tool database
- ALU central support over entire machine length
- ProLock Easy-Fix tool clamping system
- Light field monitors the 4D danger zone and ensures a high level of safety during operation
- Integrated, powerful TRK dust extraction system. Dust limit of around 1 mg/m³
- Super silent sound insulation
- Network connection
- Automatic saw beam positioning ASP



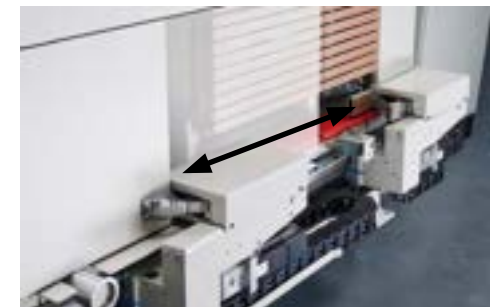
EXTENDED CUTTING DEPTH (OPTION)

80 mm cutting depth as standard.
EST105 (105 mm) or EST130 (130 mm)
cut depths are possible with the STRIEBIG 4D.



PAV - FULLY AUTOMATIC PANEL LOWERING DEVICE (OPTION)

The coated PAV clamps are also designed for sensitive surfaces. Even heavy panels are firmly held.



PPS - FULLY AUTOMATIC PROGRAMMABLE PANEL SLIDER (OPTION)

The PPS unit positions the panel horizontally with precision.



VSA - SCORING SAW UNIT (ACCESSORY)

Saves time, money and tools. A must for larger quantities, a possibly lower quality level of the panels, coated or veneered panel materials and for solid wood panels.



VERTICAL 4.0

IMPROVED AUTOMATIC CUTTING

OPTIDIVIDE

THE RETROFITTABLE VERSION

STRIEBIG OptiDivide is a cutting optimisation system that is independent of the machine control system. Hardware and software are combined in one compact unit.

A 12" touchscreen computer (with cutting optimisation software installed) and the label printer are integrated into a compact aluminum housing. This unit can be easily attached to your STRIEBIG.

YOUR BENEFITS

You transfer parts lists from standard ERP or CAD systems and optimise them easily and without problems for cutting on your STRIEBIG. An intelligent visualisation on the touchscreen, directly on the saw, guides the operator through the individual work steps.

The operator confirms the completed work steps on the touchscreen. The label printer prints the label for the identification of the cut element directly during cutting. This allows you to optimise even complex cuts step by step.



SCOPE OF DELIVERY

- Compact aluminum housing with integrated 12" touchscreen panel incl. 1 touch pen input pen. Overall dimensions (W x H x D = 320 x 372 x 322 mm)
- Label printer (integrated and protected in the housing, can be operated via drawer)
- Network connection via WLAN or LAN
- STRIEBIG cutting optimisation software, incl. 1 network license for office workstation
- Power cable
- Mounting adapter for the corresponding STRIEBIG model
- Operating instructions (incl. installation description)

RETROFITTABLE FOR

- STRIEBIG COMPACT (from year of construction 2004)
- STRIEBIG STANDARD (from year of construction 2005)
- STRIEBIG STANDARD S
- STRIEBIG EVOLUTION / CONTROL (from year of construction 2001)

BASECUT / EXPERTCUT

CUTTING OPTIMISATION (OPTIONS FOR CONTROL AND STRIEBIG 4D)

STRIEBIG BaseCut

The 'LIGHT' VERSION

You create simple parts lists and optimise the cutting automatically and easily with the 12 inch touch screen panel of your CONTROL or STRIEBIG 4D. The intelligent visualisation on the touch screen guides the operator through the cut step by step.

The operator positions the saw unit and the length stop (EPS-X and - only with the STRIEBIG 4D - also PPS) via the START button.

CONTROL and STRIEBIG 4D drives the defined mass automatically and reliably processes your optimised cutting plan cut by cut.

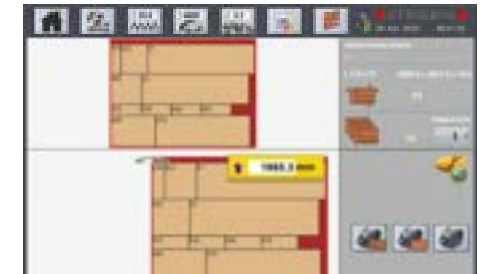
The label printer prints the label of the cut element directly during cutting process.

SCOPE OF DELIVERY

- Electronic positioning system EPS-X
- Software package (user guide with STRIEBIG BaseCut or ExpertCut); Expert Cut incl. 1 network license for office workstation
- label printer
- Connection option for network connection via LAN
- User manual
- Paper holder



BaseCut Cutting plan visualisation



BaseCut / ExpertCut Execution of the cutting plan

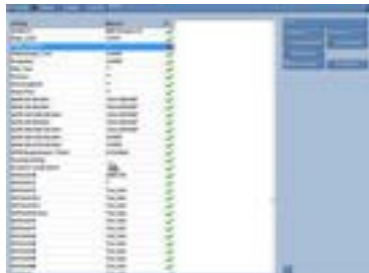
STRIEBIG ExpertCut

THE ‚PROFESSIONAL‘ VERSION FOR CONTROL AND STRIEBIG 4D

Simple and convenient: With ExpertCut you take on parts lists from conventional CAD or ERP systems and optimise them directly at the office workstation with the STRIEBIG cut optimisation software. You can also use the program to process and manage order, material and parts lists quickly and clearly.

You transfer the cutting plan from your office workstation directly to the CONTROL or the STRIEBIG 4D. The intelligent visualisation on the 12 inch touch screen then guides the operator through the individual cutting steps of the cutting process. With the CONTROL and STRIEBIG 4D, the operator uses the START button to position the saw unit and the length stop (EPS-X) and automatically moves to the defined dimensions. In combination with the panel lowering device (PAV) and the fully automatically programmable panel feeder (PPS), the STRIEBIG 4D even executes the entire horizontal and vertical transport of the workpiece automatically. This way you benefit from all the features that ExpertCut has to offer.

Cut by cut, CONTROL and STRIEBIG 4D process your optimised cutting plan. The label printer prints out the label for identification of the cut element directly during the cutting process. Best quality meets highest efficiency.



ExpertCut Order list



ExpertCut Cutting plan

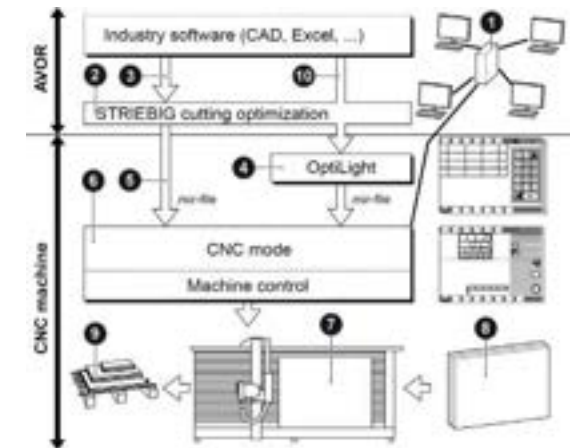


STRIEBIG CUTTING OPTIMISATION THE PANEL OPTIMISATION PROGRAM

The intelligent cutting optimization for the CONTROL, the STRIEBIG 4D or the OptiDivide ensures an automatic running cutting sequence, optimum sawing process and the best possible material utilization.

The linchpin for the use of saw and software combinations is the continuous data flow. The data required for cutting optimization comes directly from the ERP or CAD system installed at the customer's site. Material and parts list templates can be loaded as Excel csv. file directly into the optimization software and processed there in accordance with the task.

Import of cutting plans



1. Network with industry software
2. STRIEBIG cutting optimisation
3. Data export from industry software
4. OptiLight
5. File import .ncr
6. CNC mode/machine control system
7. CNC-capable machine/ panel cutting
8. Basic formats
9. Cuts
10. CSV import from industry software or Excel template

OPTIONS

FOR OUR MANUAL SAWS

For your STRIEBIG, we offer you a wealth of options to complement or expand the benefits and applications.

Please note: We always install options in the factory. Retrofitting is not possible.

	COMPACT	STANDARD	STANDARD S
Horizontal separation of the frame		○	○
Cutting height limitation Y-axis	○	○	○
Comfort package			○
Laser indicator for horizontal cuts			○
Pneumatically braked support rollers		○	○
Mechanically braked support rollers	○	S	S
Small parts support wood	S	○	○
Grooving device NVV			○
Motor 2-speed 4kW			○
Special tension	○	○	○
Tropical insulation	○	○	○
Operating hour counter		○	○

S = Series · ○ = Option (can only be ordered from the factory)



LASER INDICATOR

Pin-point accuracy. Laser-supported horizontal cut indicator.

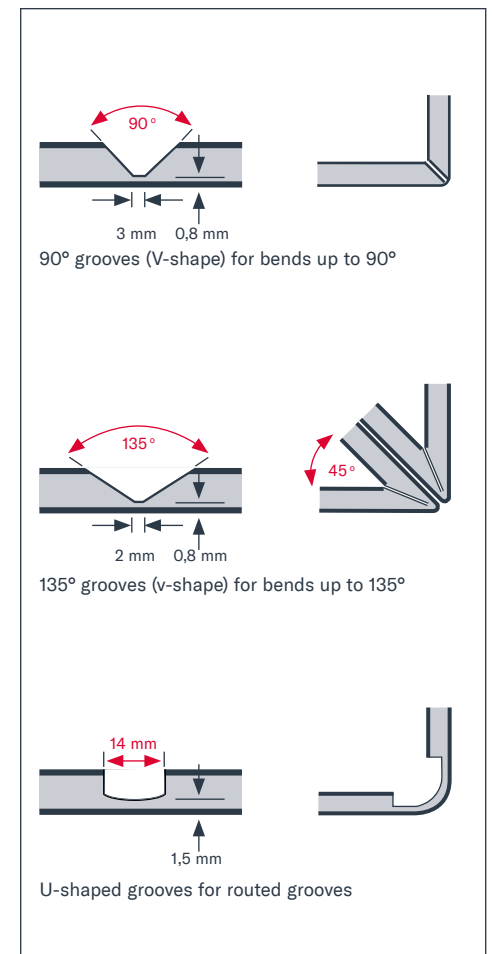
GROOVING DEVICE NVV

INDIVIDUALLY SAW, SHAPE AND DESIGN

Composite panels are a contemporary material for modern architecture, in transport, in trade fair and shop construction as well as for displays. They can be easily processed on any STRIEBIG.

The routing and folding technique enables the simple production of moulded parts. Carbide insert profile cutters mill V-shaped and U-shaped grooves on the back of the panels.

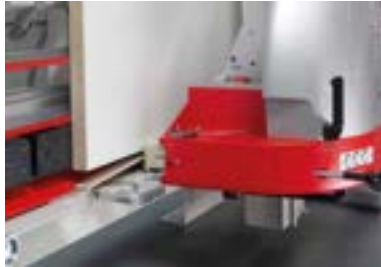
The aluminium cover sheet on the front and part of the plastic core remain in place. As the remaining material is so thin, it can be folded 'by hand'. The groove shape determines the bending radius.



Groove options for composite panels

OPTIONS

FOR OUR AUTOMATIC SAWS



4SB – LOWER TRIMMING

The lower trim cut becomes child's play: Panels up to 5300 mm long and 2185 mm high can be trimmed automatically by the 4SB system. This eliminates the need for heavy physical work.



EPS-X – VERTICAL CUTTING AT YOUR FINGERTIPS

Simply tap the position for the vertical cut on the 12 inch touch screen panel of the corresponding saw. Finished!



EXTENDED CUTTING DEPTH

More and more materials demand a greater cut depth.

The cutting depth of EVOLUTION, CONTROL and STRIEBIG 4D can be optionally extended up to 130 mm.

	EVOLUTION	CONTROL	STRIEBIG 4D
Horizontal separation of the frame	O	O	O
Cutting height limitation Y-axis	O	O	O
Additional EPS-Y limited room height		O	
Extended cutting depth 103 mm	O	O	
Extended cutting depth 105 mm			O
Extended cutting depth 130 mm			O
Panel lowering device PAV			O
Programmable panel slide PPS			O
STRIEBIG cutting optimization BaseCut		O	O
STRIEBIG cutting optimization ExpertCut		O	O
Network connection	O	S	S
Automatic lower trimming, 4SB		O	
Electronic positioning system EPS-X		O	O
Grooving device NVV	O	O	O
Motor 2-speed 4kW	O	O	O
Saw motor with infinitely variable speed		O	O
Extended feed speed (0.1-25 m/min)		O	O
Special voltage	O	O	O
Tropical isolation	O	O	O
Safety switch mat			O

S = Series · O = Option (can only be ordered from the factory)

ACCESSORIES

FOR OUR MANUAL SAWS

With our wide range of accessories, you can expand the application possibilities of your STRIEBIG according to your requirements and wishes. All accessory components can be ordered directly from the factory and can also be retrofitted by you.

	COMPACT	STANDARD	STANDARD S
Digital measuring system DMS, X-axis	○	○	○
Digital measuring system DMS, Y-axis	○	○	*
VSA pre-scoring unit (infinitely variable scoring saw)	○		○
VSA pre-scoring unit (scoring saw adjustable with washers)	○		○
Angle cutting unit WSG mm / inch	○	○	○
Paper holder	○	○	○
Small parts support (2 parts)	○	○	○
Grooving device NVP	○	○	
Profile milling cutter U-shape (EN 847-1, MAN)	○	○	○
Profile milling cutter 90° (EN 847-1, MAN)	○	○	○
Profile milling cutter 135° (EN 847-1, MAN)	○	○	○
Adjustable grooving tool (EN-847-1, MAN)	○	○	○
Depth stop adjustment groove tool TVN	○	○	
Strip cutting gauge	○	S	S
High-end grid made of synthetic materials	○	○	○
Set of program cams	○	S	S
Additional stop below (STRIEBIG COMPACT)	○		
Freestanding support	○	○	○
Seaworthy packaging	○	○	○
STRIEBIG OptiDivide cutting optimisation	○ from year of construction 2004	○ from year of construction 2005	○

S = Series · ○ = Accessory (retrofittable)
*only available in the Comfort package and only orderable ex works



VSA – SCORING SAW UNIT

Saves time, money and tools. A must for larger quantities, a possibly lower quality level of the panels, coated or veneered panel materials and for solid wood panels.



PAPER HOLDER –

DOCUMENTS ALWAYS WITHIN REACH
Keeps the work documents available right beside the control box.



WPL – ADJUSTABLE GROOVING TOOL FOR WOOD PANELS



WPL – PROFILE MILLING CUTTER

ACCESSORIES

FOR OUR AUTOMATIC SAWS



WSG – ANGLE CUTTING DEVICE

Cut mitres accurately. The WSG angle cutting unit is inserted to the left and right of each vertical cutting point. It is easy and quick to install. Application range: Panels up to 42 mm thick, exact angles from 0° - 46°.



CENTRAL SUPPORT MADE FROM FIBRE-REINFORCED PLASTICS

'High-end' grid made of fibre-reinforced plastic material offers special protection for particularly sensitive edge materials and post-forming edges.



SMALL PARTS SUPPORT

The small parts support avoids the tilting of smaller workpieces between the contact strips on the centre position.

	EVOLUTION	CONTROL	STRIEBIG 4D
VSA pre-scoring unit (infinitely variable scoring saw)	○	○	○
VSA pre-scoring unit (scoring saw adjustable with washers)	○	○	○
Angle cutting unit WSG mm / inch	○	○	○
Paper holder	○	○	○
Small parts support (2 parts)	○	○	○
Profile milling cutter U-shape (EN 847-1, MAN)	○	○	○
Profile milling cutter 90° (EN 847-1, MAN)	○	○	○
Profile milling cutter 135° (EN 847-1, MAN)	○	○	○
Adjustable grooving tool (EN-847-1, MAN)	○	○	○
Provide machine data (I 4.0 ready)	○	○	○
Provide production and machine data (I 4.0 ready)		○	○
High-end grid made of synthetic materials	○	○	
Freestanding support	○	○	○
Seaworthy packaging	○	○	○
STRIEBIG OptiDivide cutting optimisation	○ from year of construction 2001	○ from year of construction 2001	

S = Standard · ○ = Accessory (retrofitable)

TECHNICAL DATA

Technical note:
 Permissible ambient temperature min: + 5 °C / max. + 40 °C
 Relative humidity: 19 - 95% without condensation
 In case of mains fluctuations greater than +/- 10% of the nominal voltage,
 a voltage stabiliser must be installed at the place of use.

COMPACT

Type	Dimensions in mm				Cutting range in mm		
	L	H	D1 free	D2 wall	LS	HS vert.	HS hor.
6220	6506	2980	1466	1441	5350	2200	2100
6207	6506	2838	1428	1428	5350	2070	1958
6164	6506	2400	1391	1391	5350	1644	1532
5220	5826	2980	1466	1441	4600	2200	2100
5207	5826	2838	1428	1428	4600	2070	1958
5164	5826	2400	1391	1391	4600	1644	1532
4220	4256	2980	1466	1441	3100	2200	2100
4207	4256	2838	1428	1428	3100	2070	1958
4164	4256	2400	1391	1391	3100	1644	1532

Weight of the saw	ca. 910 kg
Cutting depth	60 mm
Saw motor rating	3,9 kW (5,5 CV)
Saw blade diameter	250 mm
Saw blade bore	30 mm *1
Emission sound pressure level at the workplace L_{pA}	82 dB *2
Saw blade speed	5250 U/min
2 Extraction connection *3	ø 100 mm
Connected load	5,9 kW
Mains connection	3 x 400 V / 50 Hz

*1 with 2 side holes ø 7 mm, radius 21 mm · *2 Measurement standards and emission values in accordance with EN 1870-14, measurement uncertainty allowance K = 4 dB(A) · *3 main extraction on the left or right, extraction wall on the right (fixed). (All details refer to the COMPACT Typ 6220)

STANDARD – TRK1 / TRK2

Type	Dimensions in mm				Cutting range in mm		
	L	H	D1 free	D2 wall	LS	HS vert.	HS hor.
6224	6535	2901	1705	1340	5300	2240	2100
6216	6535	2817	1669	1333	5300	2160	2016
6168	6535	2343	1464	1219	5300	1680	1540
5224	5535	2901	1705	1340	4300	2240	2100
5216	5535	2817	1669	1333	4300	2160	2016
5168	5535	2343	1464	1291	4300	1680	1540
4224	4535	2901	1705	1340	3300	2240	2100
4216	4535	2817	1669	1333	3300	2160	2016
4168	4535	2343	1464	1291	3300	1680	1540

Weight of the saw	ca. 1.100 kg
Cutting depth	80 mm
Saw motor rating	5,5 kW (7,5 CV)
Saw blade diameter	300 mm
Saw blade bore	30 mm *1
Emission sound pressure level at the workplace L_{pA}	79 dB *2
Saw blade speed	4750 U/min
1 Extraction connection *3	ø 140 mm
Connected load	7,3 kW
Mains connection	3 x 400 V / 50 Hz

*1 with 2 side holes Ø 9 mm, radius 30 mm · *2 Measurement standards and emission values in accordance with EN 1870-14, measurement uncertainty allowance K = 4 dB(A). (All details refer to the STANDARD Typ 6224)

STANDARD S – TRK1 / TRK2

Type	Dimensions in mm				Cutting range in mm		
	L	H	D1 free	D2 wall	LS	HS vert.	HS hor.
6224	6626	3055	1766	1383	5300	2240	2100
6216	6626	2971	1730	1376	5300	2160	2016
6168	6626	2497	1525	1334	5300	1680	1540
5224	5626	3055	1766	1383	4300	2240	2100
5216	5626	2971	1730	1376	4300	2160	2016
5168	5625	2497	1525	1334	4300	1680	1540
4224	4626	3055	1766	1383	3300	2240	2100
4216	4626	2971	1730	1376	3300	2160	2016
4168	4626	2497	1525	1334	3300	1680	1540

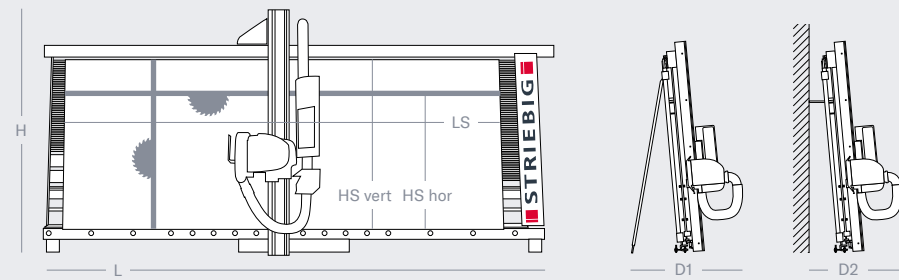
Weight of the saw	ca. 1.100 kg
Cutting depth	80 mm
Saw motor rating	5,5 kW (7,5 CV)
Saw blade diameter	300 mm
Saw blade bore	30 mm *1
Emission sound pressure level at the workplace L_{pA}	89,5 dB *2
Saw blade speed	4800 U/min
1 Extraction connection	ø 140 mm
Compressed air connection *3	6-10 bar
Connected load	7,3 kW
Mains connection	3 x 400 V / 50 Hz

*1 with 2 side holes Ø 9 mm, radius 30 mm · *2 Measurement standards and emission values in accordance with ISO 19085-4, measurement uncertainty allowance K = 4 dB(A) · *3 Compressed air connection only necessary for options. (All details refer to the STANDARD S Typ 6224).

The following applies to all machines:

Efficient TRK dust extraction system significantly below 2 mg/m³. The system used must have an extraction performance of 20 m/s in order to meet the TRK specifications. (Vacuum approx. 1400 Pa. / COMPACT approx. 1470 Pa) at the connector in order to meet the TRK specifications. All technical specifications are approximate values. We reserve the right to make changes due to further developments.

LS = Cutting range
 HS vert. = Cutting range vertical
 HS hor. = Cutting range horizontal



EVOLUTION

Type	Dimensions in mm				Cutting range in mm		
	L	H	D1 free	D2 wall	LS	HS vert.	HS hor.
6224	6645	3018	1741	1361	5300	2240	2100
6216	6645	2934	1700	1354	5300	2160	2016
6168	6645	2460	1500	1312	5300	1680	1540
5224	5645	3018	1741	1361	4300	2240	2100
5216	5645	2934	1700	1354	4300	2160	2016
5168	5645	2460	1500	1312	4300	1680	1540
4224	4645	3018	1741	1361	3300	2240	2100
4216	4645	2934	1700	1354	3300	2160	2016
4168	4645	2460	1500	1312	3300	1680	1540

Weight of the saw	ca. 1.100 kg
Cutting depth	80 mm *1
Saw motor rating	5,5 kW (7,5 CV)
Saw blade diameter	300 mm
Saw blade bore	30 mm *2
Emission sound pressure level at the workplace L _{pA}	89,5 dB *3
Saw blade speed	4800 U/min
1 Extraction connection	ø 140 mm
Compressed air connection	6-10 bar
Connected load	7,3 kW
Mains connection	3 x 400 V / 50 Hz

*1 Option: 103 mm · *2 with 2 side holes Ø 9 mm, radius 30 mm · *3 Measurement standards and emission values in accordance with ISO 19085-4, measurement uncertainty allowance K = 4 dB(A) (All details refer to the EVOLUTION Typ 6224)

CONTROL

Type	Dimensions in mm				Cutting range in mm		
	L	H	D1 free	D2 wall	LS	HS vert.	HS hor.
6224	7153	3035	1741	1361	5300	2240	2100
6216	7153	2951	1700	1354	5300	2160	2016
6168	7153	2477	1500	1312	5300	1680	1540
5224	6153	3035	1741	1361	4300	2240	2100
5216	6153	2951	1700	1354	4300	2160	2016
5168	6153	2477	1500	1312	4300	1680	1540
4224	5153	3035	1741	1361	3300	2240	2100
4216	5153	2951	1700	1354	3300	2160	2016
4168	5153	2477	1500	1312	3300	1680	1540

Weight of the saw	ca. 1.200 kg
Cutting depth	80 mm *1
Saw motor rating	5,5 kW (7,5 CV)
Saw blade diameter	300 mm
Saw blade bore	30 mm *2
Emission sound pressure level at the workplace L _{pA}	89,5 dB *3
Saw blade speed	4800 U/min
1 Extraction connection	ø 140 mm
Compressed air connection	6-10 bar
Connected load / connected load with option 4SB	7,3 kW (10,7 kW)
Mains connection	3 x 400 V / 50 Hz

*1 Option: 103 mm · *2 with 2 side holes Ø 9 mm, radius 30 mm · *3 Measurement standards and emission values in accordance with ISO 19085-4, measurement uncertainty allowance K = 4 dB(A). (All details refer to the CONTROL Typ 6224)

STRIEBIG 4D

Type	Dimensions in mm with cutting depth 80 mm				Cutting range in mm		
	L	H	D1 free	D2 wall	LS	HS vert.	HS hor.
6224	7487	3126	2074	1604	5300	2240	2100
with PAV					3000	2170	2100

Type	Dimensions in mm with cutting depth 105/130 mm				Cutting range in mm		
	L	H	D1 free	D2 wall	LS	HS vert.	HS hor.
6224	7647	3241	2192	1868	5300	2240	2100
with PAV					3000	2170	2100

Weight of the saw	ca. 1.800 kg
Cutting depth	80 mm *1
Saw motor rating	5,5 kW (7,5 CV)
Saw blade diameter	300 mm *2
Saw blade bore	30 mm *3
Emission sound pressure level at the workplace L _{pA}	86,7 dB *4
Saw blade speed	4800 U/min
1 Extraction connection	ø 140 mm
Compressed air connection	6-10 bar
Connected load (incl. PAV/PPS)	9,1 kW
Mains connection	3 x 400 V / 50 Hz

*1 Option: up to 130 mm · *2 Option: up to 400 mm · *3 with 2 side holes Ø 9 mm, radius 30 mm · *4 Measurement standards and emission values in accordance with ISO 19085-4, measurement uncertainty allowance K = 4 dB(A). (All details refer to the Striebig 4D Typ 6224)

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All technical specifications are approximate values. We reserve the right to amend specifications in accordance with further development.

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