COMPACT
FLEXIBLE AND ECONOMICAL
Entry level to vertical sawing technology
ENTRY LEVEL TO QUALITY AND PRECISION

Two versions for every need.
COMPACT or COMPACT Av, manual sawing or with automatic feed – the choice is yours.
The COMPACT is flexible and economical in use. It is the entry-level class to the world of precision and quality of Striebig vertical panel saws.

THE „SIZING CUT“ PRINCIPLE
Ready-to-glue, perfect and precise dimensions.
The „sizing cut“ principle applies to every Striebig saw.
Ready-to-glue, perfect and precisely-fitting edges are our obligation. The holistic approach of all our business processes is the guarantee for accurate cuts with perfect edges.

ROBUSTNESS MEETS EXPERIENCE
Know-how and passion brought together.
For more than 50 decades we have focussed on one single product category: vertical sawing technology. For us, it is both our ambition and our mission.
We create sustainable values for you – with passion and extensive knowledge of your requirements: the STRIEBIG, the synonym for vertical panel saws.
COMPACT / COMPACT AV
SAW FRAME
SAW BEAM
SAW UNIT

Flexible and economical in use. The COMPACT and COMPACT AV are the entry-level class to the world of precision and quality of Striebig vertical panel saws.

THE SAW FRAME
Precision thanks to stability.
Self-supporting, welded and rigid, the saw frame is the heart of every Striebig panel saw.
The upper guide rail, central support and roller support are 100% parallel to each other. This ensures long-term cutting precision and an excellent degree of protection for your investment.

THE SAW BEAM
Guarantees angular accuracy and robustness.
The saw beam’s steel construction is particularly stable and durable. Its twin interlocking feature provides perfect angular accuracy. It ensures that the cutting precision of the COMPACT is retained for many, many saw cuts.
The optional strip cutting gauge facilitates repeat cuts.

THE SAW UNIT
Robust mounting, powerful drive.
The motor: high-performance and powerful, 3.9 kW (5.3 hp).
The guide: zero-play and free-moving. In conjunction with the robust mounting of the motor carriage, it ensures effort-free and precise operation. 60 mm cutting depth as standard.

The saw beam, saw unit and control box of the COMPACT.
FUNCTION AND BENEFIT - IN EVERY DETAIL

AUTOMATIC FEED
Automatic feed sawing.
Effortless work for the operator without strenuous saw unit moving – facilitated by the COMPACT AV.

SUPPORT ROLLERS
Roller support with up to 17 rollers.
COMPACT AV – pneumatically braked support rollers as standard.
COMPACT – mechanically braked support rollers optional.

A CLEAR AND CLEAN SOLUTION
Energy chain ensures durability.
The energy chain separates hose guide from power cable and also accommodates larger quantities of cable quite easily. There is very little stress on the parts. This detail adds to the particular durability.

INTEGRATED TRK DUST EXTRACTION SYSTEM
Dust limit values well below 2 mg/m³.
The majority of the accumulating chips is already extracted via the saw unit thanks to an optimised air flow and a small casing. Dust accumulating with horizontal cuts is extracted via the outer right saw frame.

Four different feed speeds (10/14/18/25 m/min) are available.
A separate motor ensures the automatic feed in horizontal and vertical direction.
EVEN MORE COMPACT
OPTIONS AND RANGE OF ACCESSORIES

WSG ANGLE CUTTING UNIT
Cutting mitres with precision.
The WSG angle cutting unit is used on the left and right next to any vertical cutting point. It is quick and easy to fit. Applications: Panels up to 42 mm thick, exact angles and mitres of 0° to 46°.

GROOVING AND ROUTING
Expand your range.
With many orders, grooving or routing work is essential. They can be carried out without difficulty on a COMPACT. Groove or route wood materials and composite panels.

VSA SCORING SAW UNIT
Saves time, money and tools.
The VSA is a must for larger quantities, a potentially low-quality panel or coated panel material.

- 90° grooves (V-shape) for bends up to 90°
- 135° grooves (V-shape) for bends up to 135°
- U-shaped grooves for routed
DMS-X – DIGITAL MEASURING SYSTEM X-AXIS
Always the right dimension. DMS digital measuring system for the x-axis. Freely adjustable display accuracy of between 1.0/0.5 and 0.1 mm.

DMS-Y – DIGITAL MEASURING SYSTEM Y-AXIS
The right dimension for the vertical (Y) axis - easy and comfortable fine adjustment at the touch of a button.

PAPER HOLDER
Documents always within reach. Keeps the work documents available right beside the control box.

CENTRAL SUPPORT
Plastic frame
More protection for sensitive edges.
“High-end” frames made of fibre-reinforced plastics offer special protection for sensitive edge materials and for postforming edges.

WIDEN THE POSSIBLE USES AND APPLICATIONS OF YOUR COMPACT
- Coring saw unit VSA
- Digital measuring system DMS-X
- Digital measuring system DMS-Y
- Angle cutting unit WSG
- Strip cutting gauge 400 mm / 600 mm
- Additional workpiece locking system
- Small workpiece support, aluminium (1 pair)
- Central support: high-end frame made from synthetic materials

- Grooving accessory for composite panels
- Profile cutter with reversible carbide tips: U-shape, 135°, 90°
- Depth stop for the adjustable grooving tool
- Reversible carbide tips for adjustable grooving tools
- Mechanically braked support rollers (COMPACT only)
- Paper holder
- Special voltage
- Tropical insulation

STRIP CUTTING GAUGE
For problem-free strip cutting
Strip cutting gauge in lengths of 400 and 600 mm with roller support prevents stripping of edges.

MECHANICALLY BRAKED SUPPORT ROLLERS
COMPACT – mechanically braked support rollers optional
COMPACT av – pneumatically braked support rollers as standard.
TECHNICAL SPECIFICATIONS
COMPACT / COMPACTAV

<table>
<thead>
<tr>
<th>Weight of the saw</th>
<th>approx. 910 kg / approx. 990 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutting depth</td>
<td>60 mm</td>
</tr>
<tr>
<td>Saw motor rating</td>
<td>3.9 kW</td>
</tr>
<tr>
<td>Saw blade diameter</td>
<td>250 mm</td>
</tr>
<tr>
<td>Saw blade bore</td>
<td>30 mm</td>
</tr>
<tr>
<td>Emission sound pressure level at the workplace</td>
<td>82 dB</td>
</tr>
</tbody>
</table>

Saw blade speed 5,250 rpm

2 Absaugstutzen ø 100 mm

Druckluftanschluss 6-8 bar

Anschlusswert 4.8 kW

Netzanschluss 3 x 400 V / 50 Hz

COMPACT

<table>
<thead>
<tr>
<th>Type</th>
<th>Dimensions in mm</th>
<th>Cutting range in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>L</td>
<td>H</td>
</tr>
<tr>
<td>6220</td>
<td>6506</td>
<td>2980</td>
</tr>
<tr>
<td>6207</td>
<td>6506</td>
<td>2838</td>
</tr>
<tr>
<td>6164</td>
<td>6506</td>
<td>2400</td>
</tr>
<tr>
<td>5220</td>
<td>5826</td>
<td>2980</td>
</tr>
<tr>
<td>5207</td>
<td>5826</td>
<td>2838</td>
</tr>
<tr>
<td>5164</td>
<td>5826</td>
<td>2400</td>
</tr>
<tr>
<td>4220</td>
<td>4256</td>
<td>2980</td>
</tr>
<tr>
<td>4207</td>
<td>4256</td>
<td>2838</td>
</tr>
<tr>
<td>4164</td>
<td>4256</td>
<td>2400</td>
</tr>
</tbody>
</table>

COMPACTAV

<table>
<thead>
<tr>
<th>Type</th>
<th>Dimensions in mm</th>
<th>Cutting range in mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>L</td>
<td>H</td>
</tr>
<tr>
<td>6220</td>
<td>6864</td>
<td>2980</td>
</tr>
<tr>
<td>6207</td>
<td>6864</td>
<td>2838</td>
</tr>
<tr>
<td>6164</td>
<td>6864</td>
<td>2400</td>
</tr>
<tr>
<td>5220</td>
<td>6114</td>
<td>2980</td>
</tr>
<tr>
<td>5207</td>
<td>6114</td>
<td>2838</td>
</tr>
<tr>
<td>5164</td>
<td>6114</td>
<td>2400</td>
</tr>
<tr>
<td>4220</td>
<td>4614</td>
<td>2980</td>
</tr>
<tr>
<td>4207</td>
<td>4614</td>
<td>2838</td>
</tr>
<tr>
<td>4164</td>
<td>4614</td>
<td>2400</td>
</tr>
</tbody>
</table>

D1*: for free-standing installation
D2*: for wall-mounted assembly
*1 with 2 side holes Ø 7 mm, radius 21mm
*2 main extraction on the left or right, extraction wall on the right (fixed)
*3 Measurement standards and emission values in accordance with EN 1870-14, measurement uncertainty allowance K = 4 dB(A)

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

09/17 EB EN
www.facebook.com/striebig.ag

The SWISS LABEL emphasises the origin and quality awareness of goods and services of Swiss origin.
STRIEBIG AG is entitled to the use of this trademark.

Striebig AG
Grossmatte 26
CH-6014 Luzern
Tel. +41 (O) 41 259 53 53
Fax +41 (O) 41 259 53 50
www.striebig.com
info@striebig.com

EXCEPTIONALLY EFFICIENT INTEGRAL TRK DUST EXTRACTION SYSTEM**.
DUST LIMIT VALUE WELL BELOW 2MG/M³

**TRK is the abbreviation for „Technische Richt-Konzentration“ (Technical target concentration). These values have been applicable since July 1988 and specify the maximum permissible wood dust concentration at the workplace. The TRK value is 2 mg/m³ total dust based on a working average (shift) of 8 hours. Connection to an external dust extraction system is required. The system used must have an extraction performance of 20 m/sec. (vacuum approx. 1,470 Pa.) at the connector in order to meet the TRK specifications.