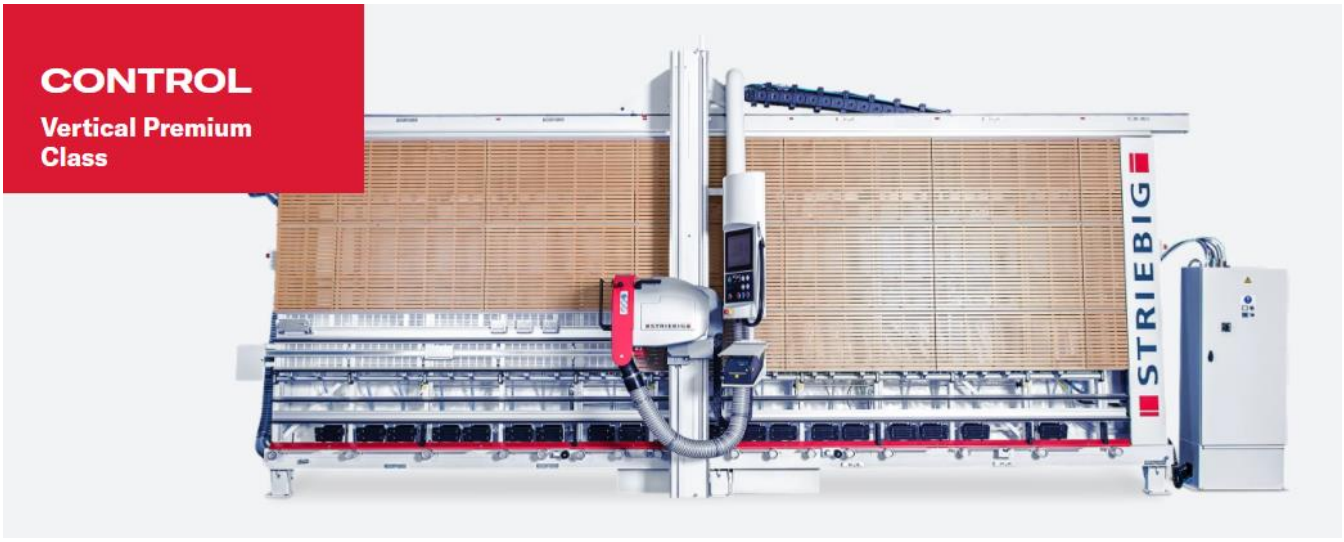


CONTROL – cutting technology meets ergonomics and intelligence

Highlights of the STRIEBIG CONTROL

Cutting technology meets the future

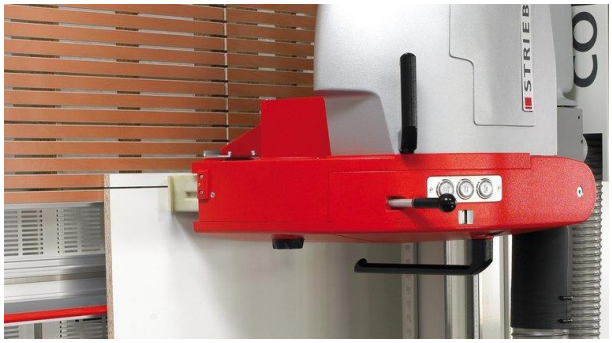
The CONTROL defines the premium class for vertical sawing technology through a high degree of sawing process automation and innovative equipment options. The intelligent visualisation on the clearly arranged 12" touch screen computer guides you safely step by step through the cutting process.

Modern STRIEBIG operating unit (HMI)

With the logically designed user interface, you can control the CONTROL easily and conveniently via a 12" touch screen.

Electronic positioning system EPS-Y and ABO – top trimming

Thanks to the standard EPS-Y you can automatically position the saw unit for horizontal sawing. The ABO, which is also a standard feature, ensures the automatic top trimming cut.



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4SB – lower trimming

With this option, the lower trimming cuts are performed automatically. The turning of the panel material and the heavy physical work associated with it is no longer necessary.

The vertical premium class

The CONTROL is already well-equipped when it leaves the factory. A wide range of extensive options allows you to adapt them even further to your needs. Put your CONTROL together in our configurator and benefit from made to measure vertical sawing technology.

Standard equipment

Comprehensive standard equipment

- 12" inch touch screen computer with optimal user guidance
- Laser-supported display of the horizontal cut
- Digital measuring system DMS-X
- Electronic positioning system EPS-Y incl. automatic top trimming cut ABO
- Automatic saw beam locking with interface recognition
- Automatic locking and swivelling of the sawing unit
- Automatic insertion and removal of the sawing unit
- Automatic panel end recognition
- Fully automatic sawing sequence
- Selectable sawing cycle
- Pneumatic clutch for easy changeover to manual operation
- Operating time counter
- Tool database
- ALU centre support over the entire machine length
- Integrated, particularly powerful TRK dust extraction. Dust limit value around 1 mg/m^3
- Super-silent noise insulation
- Network connection

Technical specifications

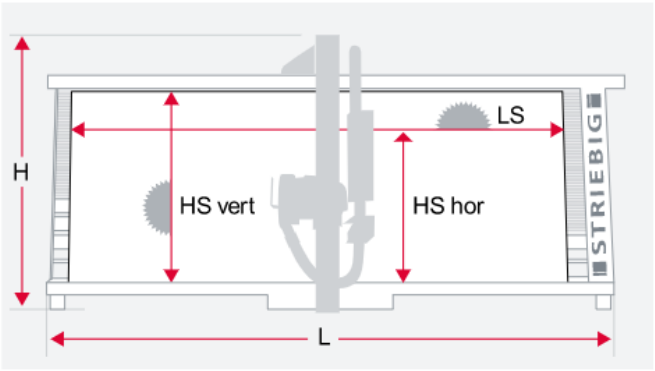
Weight of the saw	approx. 1.200 kg
Cutting depth	80 mm *1
Saw motor power	5.5 kW (7.5 HP)
Saw blade diameter	300 mm
Saw blade bore	30 mm *2
Emission sound pressure level at the workplace L_{pA}	83 dB *3
Saw blade speed	4800 rpm
1 extraction connection	ø 140 mm
Compressed air connection	6-10 bar
Wattage	7.3 kW
Wattage with option 4SB	10.7 kW
Mains connection	3 x 400 V / 50 Hz

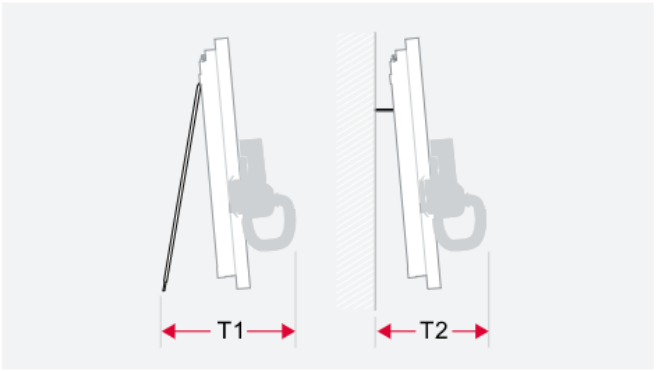
*1 Option: 103 mm ·
*2 with 2 side holes Ø 9 mm, radius 30 mm ·
*3 Measurement standards and emission values according to EN 1870-14, measurement uncertainty allowance K = 4dB (A). (All data refers to CONTROL type 6224)

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.

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.

The technical specifications are approximate values.
We reserve the right to make changes due to further developments.





Dimensions in mm

Type	L*	H	T1 free	T2 Wall
6224	7153	3035	1741	1361
6216	7153	2951	1700	1354
6168	7153	2477	1500	1312
5224	6153	3035	1741	1361
5216	6153	2951	1700	1354
5168	6153	2477	1500	1312
4224	5153	3035	1741	1361
4216	5153	2951	1700	1354
4168	5153	2477	1500	1312

Cutting area in mm

Type	LS	HS vertical	HS horizontal
6224	5300	2240	2100
6216	5300	2160	2016
6168	5300	1680	1540
5224	4300	2240	2100
5216	4300	2160	2016
5168	4300	1680	1540
4224	3300	2240	2100
4216	3300	2160	2016
4168	3300	1680	1540

* L = Total length of the machine, including control cabinet