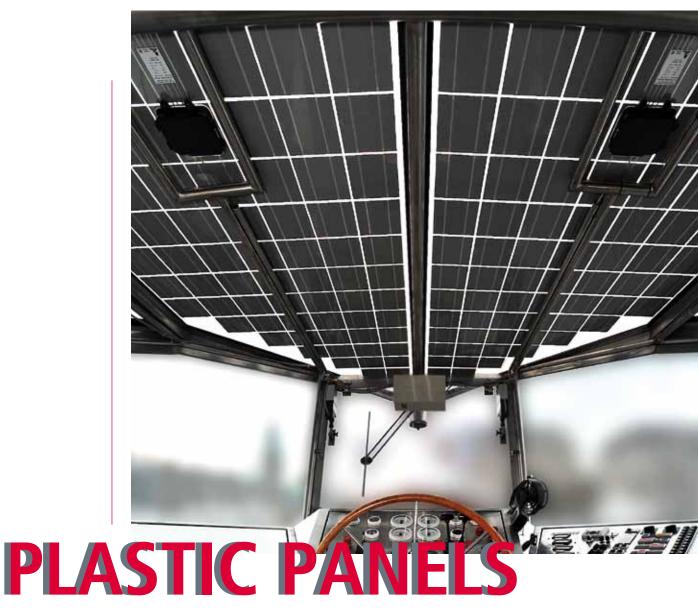
CONTROL

EVOLUTION

STANDARD

COMPACT



Cut with precision using vertical sawing technology.

Cut plastic panels with precision, optimally using vertical sawing technology

Confidence, ability, continuity

We are the only machine manufacturer in the world that has concentrated all efforts since the founding of the company exclusively on the technology it invented: for us, vertical sawing technology is both a passion and a mission. We create sustainable values - with all our experience, with a high degree of compassion in our development team and extensive knowledge of the your daily requirements: The STRIEBIG, synonym for vertical panel saws.



Built corporate identity. The facade of the corporate headquarters in Littau near Lucerne features vertical aluminium pilaster strips that form an excellent point of reference with our products and market partners.

For your safety

The Striebig vertical panel saw enables you to cut all types of plastic panels highly efficiently and accurately. We can offer even greater assurance when choosing the ideal saw for your requirements: to identify the optimum equipment for your purposes together, we will gladly make trial cuts using your specific materials on request.



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

Material diversity requires product diversity

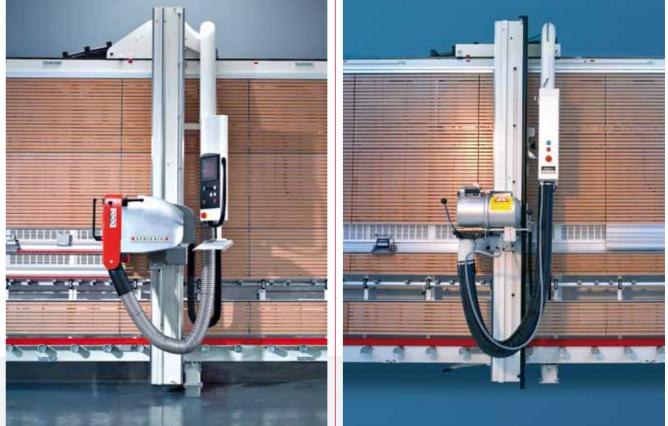
The diversity of commercially available panel materials and panel types requires customised sawing solutions precisely designed to meet the properties of the material.

The following matrix provides you with some recommendations. In order to identify the ideal STRIEBIG for you, we will gladly perform trial cuts for your specific requirements.



al)

A full-surface support wall on the vertical panel saw is recommended for thin or soft plastic materials. Only then can the sensitive material be cut to size perfectly. This equipment is standard for as many as three saws from Striebig - CONTROL, EVOLUTION and STANDARD TRK1.



			commended	TRK1/2 manu	TRK1/2 manu	Fig. es					
	Material thickness in mm Two-speed motor required Full-surface support wall recommended Feed speed 10-25 m/min (COMPACT and STANDARD TRK1/2 manu	uired	vall red	nin DARD	DARD		Product recommendation				
Type of material		Feed speed 10-25 m/i (COMPACT and STAN	Feed speed 5-25 m/min (COMPACT and STANDARD TRK1/2 manu	COMPACT	COMPACT AV	STANDARD TRK1	STANDARD TRK2	EVOLUTION			
	≤ 8	0	Ø	0				0	•	0	
Polyethylene (PE) Polypropylene (PP)	10-20	Ø		0				0	0	0	
	≥ 20	0			Ø			0	0	0	
Polyamide (PA) Polyvinyl chloride (PVC)	≤ 8		Ø	0		Ø	I	0	0	I	
Perspex (PMMA) Thermoset materials	10-20			0		0	0	0	0	0	
(Resitex, Pertinax, etc.) Corian, Varicor, Noblan	≥ 20				0			0	0	0	

al)

Important: automatic feed is recommended for material thickness greater 20 mm.

In general: the automatic feed improves the cutting quality and ensures increased service life of the saw blade. It minimises the effort required to operate the machine and thus reduces the amount of physical labour for the user.

Option: (EVOLUTION/CONTROL) Particularly recommended when different materials are frequently cut: SSD – the saw motor with infinitely variable speed.

Thin panels can be cut when using an additional panel on the support frame ("backpanel").

Our title picture shows: keep on course - the solar catamaran "Alstersonne" is equipped with solar modules made from Plexiglas®. With their low weight, weathering resistance and formability they are particularly well suited for application in overhead areas.



Saw blades for plastic panels

Hollow face tooth Suitable for e.g. Plastomere (PA, PE, PP, PMMA, etc.)



Flat/triple chip tooth Suitable for e.g. Thermoset materials (Resitex, Pertinax, etc.) Plastomere (PA, PE, PP, PMMA, etc.) Fibre-reinforced (GRP, CFRP, AFRP, etc.)



Alternate top bevel tooth Suitable for e.g. Plastomere (PA, PE, PP, PMMA, etc.) Perspex



Convincing: Our saws' dimensions and data

EVOLUTION / CONTROL Type Dimensions in mm

Туре	Dim	n mm		_	Cuttin	ig range	in mm				
	L	Η*	H**	D1*	D2*	L	Hvert	Hhor	– Weight of the saw		
6224	7161	3035	3018	1741	1361	5300	2240	2100	 Cutting depth 		
6216	7161	2951	2934	1700	1354	5300	2160	2016	 – Saw motor rating 		
6168	7161	2477	2460	1500	1312	5300	1680	1540	 – Saw blade diameter 		
5224	6161	3035	3018	1741	1361	4300	2240	2100	 – Saw blade bore 		
5216	6161	2951	2934	1700	1354	4300	2160	2016	 – Saw blade speed 		
5168	6161	2477	2460	1500	1312	4300	1680	1540	 – 2 extraction connections 		
4224	5161	3035	3018	1741	1361	3300	2240	2100	- Compressed air connection		
4216	5161	2951	2934	1700	1354	3300	2160	2016	– Wattage		
4168	5161	2477	2460	1500	1312	3300	1680	1540	– Mains connection		
									-		
STANDARD TRK1 / STANDARD TRK2											
Туре	Dim	ensions i		Cuttir	ig range i	n mm					
	L	Н	D1*	D2*	L	Hvert	Hhor		 Weight of the saw TRK1 		
6224	6430	2901	1705	1340	5300	2240	2100		 Weight of the saw TRK2 		
6216	6430	2817	1669	1333	5300	2160	2016		 Cutting depth 		
6168	6430	2343	1464	1291	5300	1680	1540]	 Saw motor rating Saw blade diameter 		
5224	5430	2901	1705	1340	4300	2240	2100]			
5216	5430	2817	1669	1333	4300	2160	2016		 Saw blade bore 		

2016 5430 2817 1669 1333 4300 2160 5216 5168 5430 2343 1464 1291 4300 1680 1540 4430 2901 1705 1340 3300 2240 2100 4224 4216 4430 2817 1669 1333 3300 2160 2016 4168 4430 2343 1464 1291 3300 1680 1540

COMPACT AV

COMPACT

Туре

6220 6506

6207 6506 283

6164 6506 240

5220 5826

5207 5826

5164 5826

4220 4256 298

4207

4164 4256

Dimensio

Н L

4256

Dimensions in mm Cutting range in mm Туре D1* Hhor н D2* L L Hvert 6864 1486 1461 5350 2200 2100 6220 2980 6864 2838 1448 1448 5350 2070 1958 6207 6164 6864 2400 1411 1411 5350 1644 1532 2980 1486 1461 4600 2200 2100 5220 6114 6114 2838 1448 1448 4600 2070 1958 5207 5164 6114 2400 1411 1411 4600 1644 1532 4220 4614 2980 1486 1461 3100 2200 2100 4207 4614 283 240 4614 4164

2980	1486	1461	3100	2200	2100	- Compressed air connection
2838	1448	1448	3100	2070	1958	– Wattage
2400	1411	1411	3100	1644	1532	 Mains connection
						-
ensions in mm		Cuttin	g range i	n mm		
Н	D1*	D2*	L	Hvert	Hhor	
2980	1466	1441	5350	2200	2100	 Weight of the saw
2838	1428	1428	5350	2070	1958	 Cutting depth
2400	1391	1391	5350	1644	1532	 – Saw motor rating
2980	1466	1441	4600	2200	2100	 – Saw blade diameter
2838	1428	1428	4600	2070	1958	 – Saw blade bore
2400	1391	1391	4600	1644	1532	 – Saw blade speed
2980	1466	1441	3100	2200	2100	 – 2 extraction connections
2838	1428	1428	3100	2070	1958	– Wattage
2400	1391	1391	3100	1644	1532	 Mains connection

Consultation · Sales · Service

 Weight of the saw 						
 Cutting depth 						
 Saw motor rating 						
 Saw blade diameter 						
 Saw blade bore 						
 Saw blade speed 						
 – 2 extraction connections 						
– Wattage						
 Mains connection 						

- Saw blade speed

- Mains connection

- Weight of the saw

- Saw motor rating

- Saw blade bore

- Saw blade speed

- 2 extraction connections

- Saw blade diameter

- Cutting depth

- Wattage

- 2 extraction connections

815 kg 60 mm 3.9 kW 250 mm 30 mm*2 5,250 rpm ø 100 mm 4.8 kW

3 x 400 V/50 Hz

1,200 kg

80 mm

5.5 kW

300 mm

30 mm*1 4,800 rpm

ø 100 mm

6-10 bar 7.5 kW 3 x 400 V/50 Hz

920 kg

850 kg 80 mm 5.5 kW

300 mm

30 mm*1

4,750 rpm

ø 100 mm

3 x 400 V/50 Hz

7.5 kW

910 kg

60 mm

3.9 kW

250 mm

30 mm*2

5,250 rpm

ø 100mm

6-10 bar

4.8 kW

3 x 400 V/50 Hz

H* - CONTROL with EPS.y

H** - EVOLUTION, CONTROL without EPS.y

D1* - for free-standing installation D2* - for wall-mounted assembly

*1 (Saw blade bore) with 2 side holes Ø 9mm, radius 30 mm *2 (Saw blade bore COMPACT) with 2 side holes Ø 7 mm, radius 21 mm



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