



KOSKISEN

Premium rotary die cutting

KOSKILASER ROTARY



001 Koskilasener B01

Key benefits of rotary die cutting plywood

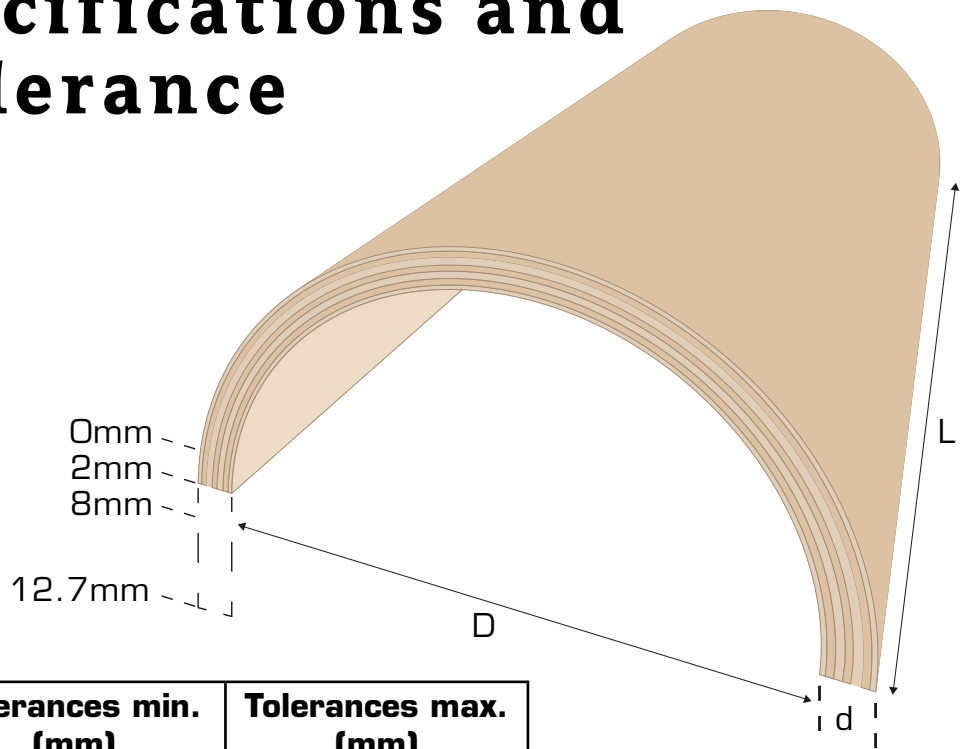
KoskiLaser rotary is made from birch veneers and is produced with Scandinavian technology and know-how. The stability and quality of the shells is achieved through the combination of new gluing technology and accurate production skills. In addition, carefully selected veneers ensure a uniform thickness and provide for stable laser cutting.

The laser cutting time can be reduced when using birch shells and assembly of the shells is both faster and easier.

Its surface quality and stunning outlook makes KoskiLaser Rotary Eco a great representative of your brand and you are also able to choose a colour to match your corporate identity.

Technical specifications and diameter tolerance

D	174 - 647mm
L	max. 3,000mm
d	12.7/13mm



Diameter target (mm)	Tolerances min. (mm)	Tolerances max. (mm)
174/177	-1	+1
270/293/300/366	-2	+2
381/431	-3	+2
487	-3	+3
560	-4	+3
654	-5	+5

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Accurate and reliable quality control



Production is closely and carefully monitored throughout every step. The rotary shells are measured immediately after pressing, again after cooling and measured for the third time just before packaging.

Our customers are also able to determine the exact measurement protocol of their shells, if requested.

The tolerances and target diameter of the shells can be easily customised. The critical properties of the rotary shells are checked at every production step. Each shell is fully traceable through being numbered and is measured before shipment, the measurement report for the shells is sent with the delivery.


Rotary shells available in several colours

Our rotary shells are available without coating faced with birch veneers in wide selection of striking RAL colours. In addition to our range of standard colours, you can also choose a colour to match your corporate identity. The RAL colours leave the wood grain visible and display the natural beauty and quality of the rotary cut birch veneer.

The coating on the face of the shell provides a clean, smooth surface which allows the easy and strong gluing of rubbers. With our eco colour you can also save glue.



RAL 9001
natural
white



RAL 7001
grey



RAL 6025
light green



RAL 6029
dark green



RAL 3020
red



RAL 2008
orange



RAL 1018
yellow



Packing info of rotaries

Thickness (mm)	Diameter (mm)	Length (mm)	Packing PCS EUR pallet
12.7	174	1,500 – 2,200	70
12.7	177	1,300 – 2,200	70
12.7	270	1,300 – 2,500	40
12.7	293	2,500	31
12.7	295	2,500	31
12.7	300	2,200	31
12.7	324	2,200	29
12.7	325	2,200	29
12.7	355	1,600	27
12.7	360	1,800 – 2,200	27
12.7	366	1,800 – 2,200	27
12.7	368	2,200	22
12.7	381	1,600	22
12.7	431	1,600	15
12.7	487 (vertical)	1,300 – 2,500	15
12.7	487 (horizontal)	2,600 – 3,000	44 (2 x 22)
12.7	560	1,600	10
12.7	645	1,600	9

Truck loading

Vertical packing for lengths up to 2,500mm

Horizontal packing for lengths exceeding 2,500mm. For example, for 44 pcs the loading area is 3m x 1.2m with 487 x 3,000mm. Mixed sizes can be combined to increase the number of pcs. per truck.

Container loading

Pallets with ISPM15 marking

Vertical packing for lengths up to 2100mm

Horizontal packing for lengths exceeding 2100mm. For example, for 44 pcs the loading area is 3m x 1.2m. Mixed sizes can be combined to increase the number of pcs per container.

Renewable and sound raw material

Our raw material, Birch is an ecological and renewable material which stores carbon throughout its whole life cycle. All of our products are manufactured in accordance with the strictest sustainability principles. The raw material is cut from sustainable, certified forests where the logs have been grown slowly to achieve the desired diameter.

Koskisen is a pioneer in the Finnish forest business for paying attention to the environment and the wood's supply chain is always known in detail. Finnish forest are primarily privately owned and their owners are guided by a strong commitment to long-term forestry and forest cultivation, this guarantees a sustainable and environmentally sound raw material and ensures a high-quality end product. Yearly Finnish forests grow by more than is harvested.





Committed to Wood
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