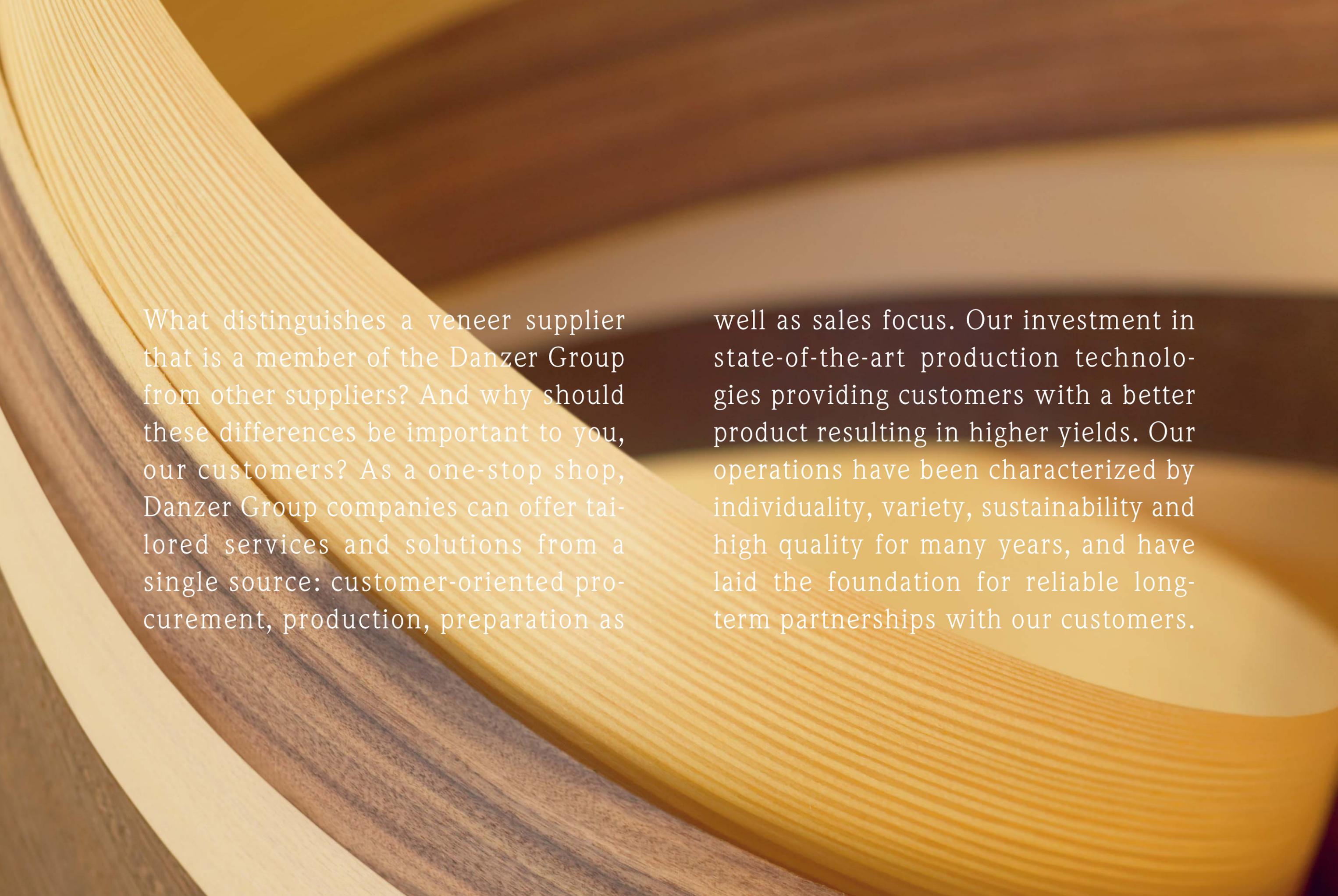




Fascination Veneer

DANZEREUROPEVENEER



What distinguishes a veneer supplier that is a member of the Danzer Group from other suppliers? And why should these differences be important to you, our customers? As a one-stop shop, Danzer Group companies can offer tailored services and solutions from a single source: customer-oriented procurement, production, preparation as

well as sales focus. Our investment in state-of-the-art production technologies providing customers with a better product resulting in higher yields. Our operations have been characterized by individuality, variety, sustainability and high quality for many years, and have laid the foundation for reliable long-term partnerships with our customers.



Fascination Veneer – Individuality

Worldwide Presence in Many Regions.

How can the international network of companies be adapted to various countries and markets worldwide? This question is of great concern to us at Danzer Group – and has led us to substantially optimize our sales organization.

We have tailored our sales network to global requirements – all to better serve customers in international markets. Production facilities on three continents and an efficient procurement network ensure quick satisfaction for customers worldwide. Our 30 sales outlets meet the needs of regional and overseas customers – making us an accessible partner for customers everywhere.

Danzer Veneer is supported by a large number of experienced Danzer Group veneer suppliers who are deeply devoted to serving their respective markets. Industrial customers, for example, can be supplied with large quantities of consistently high-quality veneer from within the Danzer Group. We leverage our excellent relationships to give customers what they want and need immediately – whether they require large, medium or small quantities. We offer a huge variety of different wood species, made to meet customers' exact specifications.

As broad as our product range is, our spectrum of customers is just as large – from furniture and kitchen manufacturers, architects and automotive suppliers, to handcrafted specialty businesses and assemblers. Veneer can be used to create an appealing, esthetic effect on almost every surface.



Fascination Veneer – Variety

Light Oak From France, Pink Black Cherry From Pennsylvania, Homogenous Red Sapelli From Africa.

Right from the start, customers who work with one of the Danzer companies benefit from the capabilities and resources that only a dynamic international group can offer. Danzer Group, for example, has 70 log buyers searching for high-quality wood throughout the world. There are very few attractive wood-growing areas that our log buyers have not already discovered. They have maintained collaborative relationships with many local partners for decades and are constantly building new partnerships.

Thanks to Danzer Group's international network, we can make use of all these background activities to keep more than 160 wood species in stock for our customers at all times – from large quantities of standard wood species to highest value specialties. Because we have access to the Group's efficient, modern information system, all worldwide stocks – from Asia to Europe to Africa and North America – are at our disposal. If a customer requires a specific veneer species that is not immediately available, we make every effort to find a way to procure it promptly.

Timber procurement from our own forests will play an increasingly important role in the future. Danzer Group is continuing to purchase sustainably managed hardwood forests – aimed at securing our raw materials for the long term.



Fascination Veneer – Sustainability

The Future Has Always Been An Important Part Of Our Business.

One of the most fascinating aspects of our work is being able to handle the first material humans ever worked with on a day-to-day basis – wood – while at the same time being mindful of the future. We are constantly concerned with using wood sensibly and protecting this valuable resource so future generations will enjoy its beauty.

Producing veneer is a responsibility that requires us to take great care of the wood, our raw material. After all, only very few logs from a forest have the quality required for veneer. That's why sustainable forest management has always been a determining factor in our activities. Our idea of sustainability, however, goes even further.

Danzer Group companies are actively helping to ensure long-term wood resources. Danzer Forestland, founded in 2001, has exclusive responsibility to procure, conserve and maintain forests in North America. In addition, a long-term reforestation project in Argentina covering more than 15,000 hectares (37,000 acres) began in 1992 to systematically build up an intact, high-quality, hardwood forest for wood supply. We also follow the principle of sustainability in managing our own African forest concessions – an area of no less than 3.2 million hectares (7.9 million acres). We only log as much wood as can grow back in the same amount of time.

The Danzer Group intends to have all of its Group companies certified for compliance with the internationally recognized environmental protection standard ISO 14001:2004. This standard, unlike most forest certifications, covers all processes from procuring raw materials to production and sales. Certification is not just a declaration of intent – it is an accomplishment under constant audit by independent third parties.

An aerial photograph of a vast, dense tropical rainforest. The forest is a mix of various shades of green, from deep forest green to bright yellow-green, indicating different tree species and canopy heights. In the lower-left foreground, the white, curved surface of an airplane's wing is visible, extending towards the center of the frame. The sky above is filled with soft, white and grey clouds, suggesting an overcast or partly cloudy day. The overall scene conveys a sense of scale and natural beauty.

In a company where 70 expert log buyers are searching for specialties throughout the world, you can expect to discover a great deal.



Fascination Veneer – Quality

What Has Been Growing For Hundreds Of Years Requires The Most Modern Technology.

Danzer Group companies supply customers only with top-quality wood products. We use the best hardwoods in the production of our veneers. By constantly investing in new manufacturing processes, we can constantly raise the quality standards of our products. Our customers benefit from this in a number of ways.

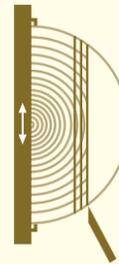
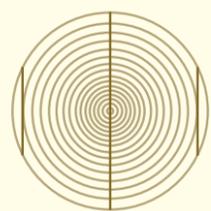
It is quite remarkable to see how the progress of technology enhances the quality of veneer. Development of our VS 4000 veneer slicing machine demonstrates this sophistication.

Our customers who process veneer benefit from this innovation through higher yields, which reduce the costs of the finished wood surfaces. Customers also benefit from the way we, as a Group, actively adapt to the growing demands placed on the wood processing industry. How, for example, can the purchasing process be simplified? How can veneer be more efficiently processed? Or, how can the yield be increased even further?

Continuous dialogue with our customers repeatedly results in solutions that are truly impressive.

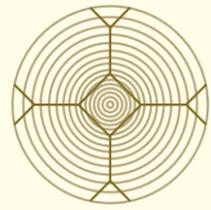
Thanks to a variety of manufacturing techniques and the way individual veneer sheets are put together, the unique character of veneer becomes visible. State-of-the-art technology produces a nearly inexhaustible variety of colors and natural designs.

Eight Techniques For An Impressive Veneer Texture.



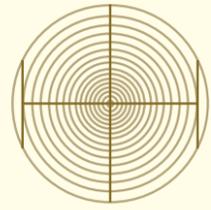
Flat cutting

Slicing technique:	log cut in half; sliced from the outside
Veneer pattern:	parabolic annual growth rings, so-called “crown”; cathedral pattern toward the middle of the log, with a striped look on the sides



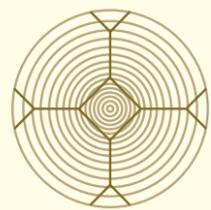
True quarter cutting

Slicing technique:	quartered log; sliced perpendicular to the annual growth rings
Veneer pattern:	striped



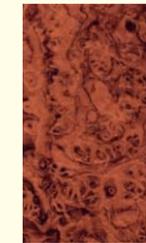
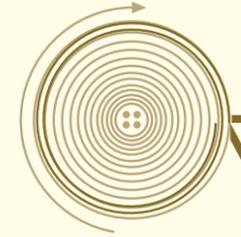
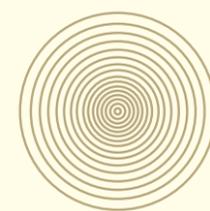
Bastard quarter cutting

Slicing technique:	annual growth rings of a quartered log cut at a flat angle
Veneer pattern:	half crown; jointing these veneers symmetrically can also produce crown patterns in large sizes



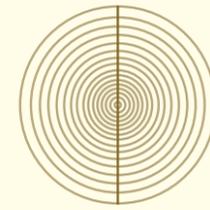
Flat quarter cutting

Slicing technique:	quarter log sliced from the outside in; annual growth rings cut at an even flatter angle
Veneer pattern:	almost a purely “cathedral” structure



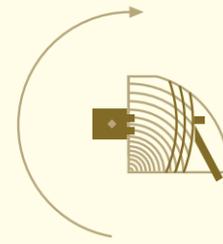
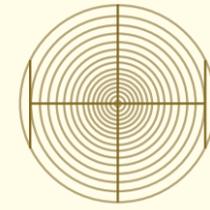
Rotary cutting

Peeling technique:	log turned in the peeling machine along its mid axis spiraling cut from the outside; ideal for decorative burls such as walnut and high-quality species like birdseye maple
Veneer pattern:	wild and irregular, featuring nests or eyes



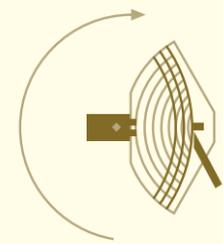
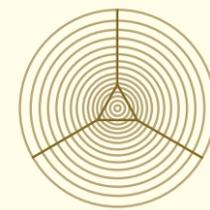
Stay-log cutting

Peeling technique:	half log fixed in the center of a lathe; sliced through the annual growth rings at a very flat angle; economically efficient type of processing for small diameter logs
Veneer pattern:	flat cut grain with a flowery appearance



Rift cutting

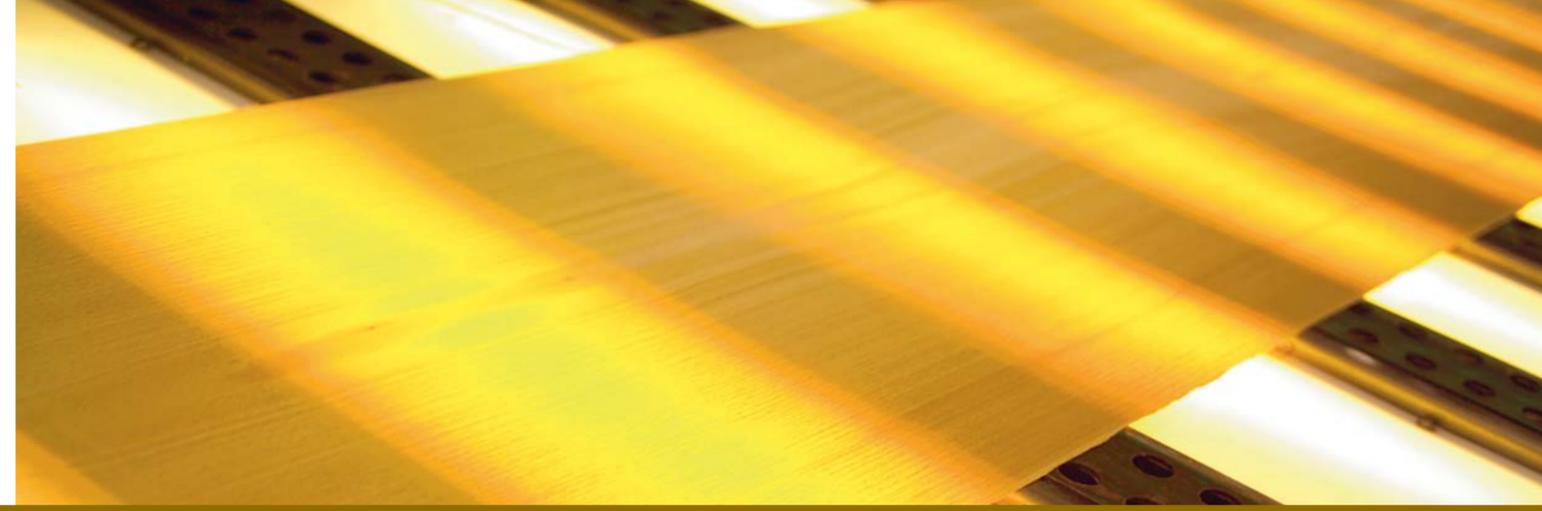
Peeling technique:	only one quarter log is peeled
Veneer pattern:	striped



Cutting from the heart

Peeling technique:	log is quartered or cut in third; cutting process starts from the inside (from the “heart”) and works outward
Veneer pattern:	particularly cathedral crown

Veneer Manufacturing At A Glance.



1. Assessing

The job of turning a log into veneer begins with the selection of the right logs. Depending on the different wood species and their exterior condition, an expert has to decide how a log will be cut into sections for processing.



2. Cutting To Length, Debarking, Preparing

The logs are prepared according to customer needs along with the character of the wood. The wood is debarked, then either cut in half or in thirds, or quartered.



3. Steaming, Boiling

The wood is steamed or boiled in vats filled with water without any additives, which gives it the pliability needed for a smooth cut and the desired color. Depending on the different wood species, the time required for steaming or boiling can vary from a few hours to more than a week.



4. Slicing, Peeling

This produces either flowery or striped veneer, depending on the technique employed. Slicing involves cutting the veneer sheet from the log by moving the log horizontally or vertically. With peeling, the log revolves in such a way that one sheet is cut from the log at each turning.



5. Drying, Clipping, Bundling

The still damp veneer is then dried. Air temperature – between 80° and 160° C (176° and 320° F) – and dryer belt speeds are set to the type of wood to achieve the desired moisture level. The veneer sheets are then clipped and bundled into packages of 16, 24 or 32 sheets each.



6. Grading, Sorting

The bundles are graded before being sent to the sales department. Each bundle is checked precisely for quality and assigned a price. The length, width, color, pattern and structure determine overall quality.



That is our background. We are happy to give top priority to the wishes of our customers. Welcome!

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