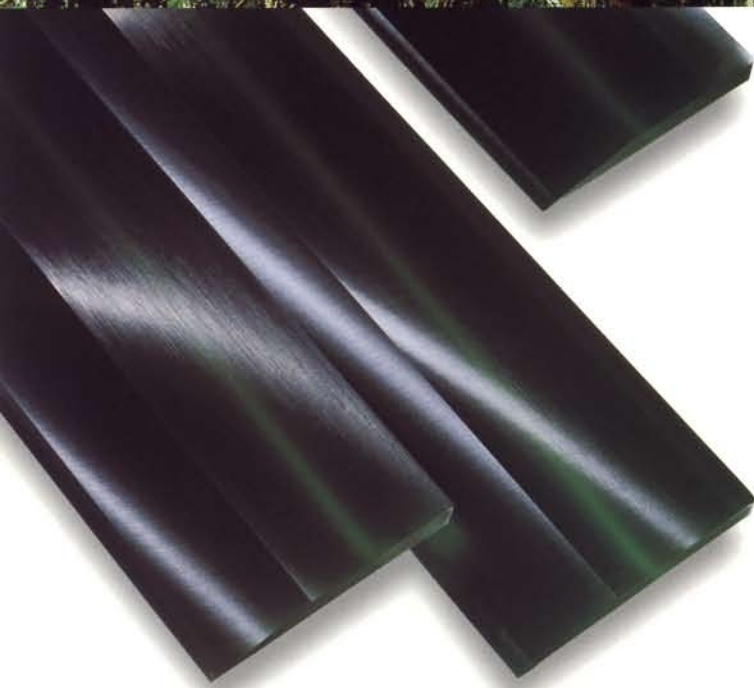




# ORBITAL SAW

WE ARE AS  
DEDICATED TO  
SUPPLYING VENEER BLADES  
AS YOU ARE TO SLICING  
AND PEELING LOGS.

# WHAT MAKES ORBITAL SAW'S



## EXCEPTIONAL SERVICE

**BLADES TAILORED TO YOUR NEEDS.** We aren't just another supplier. We listen to you – your comments and insights. We will deliver exactly the specifications you need: angles, edges and bevels, hardness, tolerances, mounting holes, steel qualities. However, we also like to use our expertise to recommend ways to improve your blade, if possible. Yes, we want to give you the blade you asked for. But when all is said and done, we want to give you a better blade than you asked for.

**FIRST-RATE CUSTOMER SERVICE.** In the paper and steel industries we have built our reputation on supportive and cooperative partnerships with customers. Our sales agents are expected to act as mill troubleshooters and problem solvers, and they never fail us. We will do no less in the veneer industry. Our knifemakers' considerable expertise is literally at your service. Need a blade for a specialized task? Benefit from the knowledge of our engineers and metallurgists. Call us with your questions and production challenges – rely on us to help you improve your operation.

## EXCEPTIONAL BLADES

**A LONG HISTORY OF EXCELLENCE.** We have been distributing the blades of the finest European knifemakers since 1983. One of our partners who manufactures veneer slicer and lathe blades has been doing so since 1953. Every step of the way – through materials selection, heat-treating, tempering, grinding, and surface finishing – our partner-suppliers use their extensive experience to craft blades whose materials and design stand up to the rigors and hazards of their work. In addition to metalworking knowledge, our knifemakers have uncompromising quality standards. They have earned worldwide recognition because only flawless blades leave their plants. When you get these blades, there are no surprises: they are ready to slice or peel.

**QUALITY SLICES AND PEELS EVERYTIME.** Too much chrome creates brittleness in veneer blades. Skilled crafting of premium chipper steel enables our veneer blades to “give” slightly as they meet the log. This forgiveness prevents blades from cracking and breaking. Our blades' metallurgical composition blends the right balance of wear-resistance, toughness, and flexibility. Couple these characteristics with our blades' defect-free quality, and our

## HOW MUCH WASTE DO DULL AND DAMAGED BLADES PRODUCE IN YOUR MILL?

peelers and slicers run true. They can relentlessly slice or peel logs, producing consistent, high-quality results – without unpredictable and costly frustrations.

**LONGER BLADE LIFE.** You will find that more of our blades will be ground to their minimal size than will be discarded due to cracks and breakage. Why? Unyielding attention to detail during their manufacture produces blades that can withstand the usual rigors of production. Another reason? We completely thru-harden our blades. Soft cores do not stand in the way of your economy. Our blades can be reground repeatedly to extend their life.

# VENEER BLADES SO DIFFERENT?

## EXCEPTIONAL PRODUCTION RESULTS

**ADDED UPTIME.** The blades you get from ORBITAL SAW are flawless in their design, specifications, and craftsmanship. Our grinding protocols, surface finishes, bevel angles, and Rc hardness all help your blades withstand the stress of veneering. Metal-working processes prepare edges to endure the assaults of the usual corruptions in logs and so reduce premature wear. Field tests report that our blades stay sharper and operate hours longer than the competition before needing to be honed.

**FEWER FRUSTRATIONS.** Controlling corruptions in your logs is difficult to impossible. However, with ORBITAL SAW'S veneer blades, you can control the performance of your blades. Our quality inspections make them machine-ready right out of the box. Their Rc hardness combats breakage, making them durable workers. And their extraordinarily sharp nick-resistant edges give you a solid performance. You can depend on our blades to veneer consistently throughout their life – from the first time you put them in the machine right through their last grinding.

**STAIN-FREE CUTS.** Our solid, single-piece blades of Chromium-Plus chipper steel\* leave no stains behind them – saving you the added cost and time of removing stains from your veneers. Our blades cut everything but corners.

### **A BETTER RETURN ON YOUR INVESTMENT.**

A dependable partner. Durable blades. Quality cuts. Longer blade life. More uptime and less frustration. Reduced waste and breakage. Stain-free, consistent, high-quality cuts.

We represent the world's leading manufacturers of knives used in the sanitary paper and metals industries. We intend to carve out a reputation in the veneer industry by making highly durable veneer blades that consistently cut without marring your wood. Join us in setting a new standard for veneer blade productivity. Call us with your production details and your blueprints or sketches.

\* Chromium-Plus chipper steel is composed of 8-9% chrome

OUR BLADES'  
METALLURGICAL  
COMPOSITION BLENDS  
THE RIGHT BALANCE OF  
WEAR-RESISTANCE,  
TOUGHNESS, AND  
FLEXIBILITY.

## ABOUT ORBITAL SAW

ORBITAL SAW'S sister company, The Kinetic Co., Inc., is the world leader in the manufacture of industrial knives for the sanitary paper industry. Kinetic is also a major supplier to the international metals industry. For 50 years, Kinetic has been making the finest quality knives and tools in these two markets.

In the mid-'80s, when Kinetic was researching ways to fill voids in its product lines, the company discovered several European knifemakers whose artistry and craftsmanship were the product of decades – and in some cases, centuries – of metalworking experience and knowledge. Kinetic realized that these knifemakers were already crafting the blades that it was interested in producing. Rather than “reinvent the wheel,” Kinetic's owner seized the opportunity to represent these fine knifemakers in the world market.

And so ORBITAL SAW was founded as a sister company to Kinetic, distributing finely crafted European knives and tools worldwide. Along with its third sister, Microblade Limited of Sheffield England, the Kinetic family is building a reputation for making and distributing the finest cutting tools in the world. ORBITAL SAW is very selective in the knifemakers it represents. When you are interested in knives as close to perfection as you can get, call ORBITAL SAW.



DISTRIBUTOR OF FINE EUROPEAN KNIVES FOR THE  
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