

# NEWS

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## Greetings for the New Year

**Mr. Watanabe - President**

On behalf of Kanefusa, I am very grateful for the kindness you showed us last year. I hope you had wonderful moments with your family and friends during the holidays.

When you have a look at the world situation of last year - since the sub-prime loan crisis in 2007, Lehman Brothers Holdings Inc. was forced to go under in 2008 - the economy in general faltered because of the confusion of the world monetary economy. We suffered a weakening of the dollar against the yen and Japan has experienced a change of the government - all these drastic changes happened in rapid succession and had therefore a big impact to our business, too.

I see the situation recovering from the severe recession but still it remains in balance. In the meantime a lot of domestic manufacturing industries may continue to consider an output cut.

Fortunately, the market conditions of countries with growing economy like China, India and South-East Asia tend to recover and Kanefusa will actively develop our strategy in these areas.

What I repeatedly explain and expect from all our staffs are to act as a unit and show their manpower and their own abilities as professionals. I'm confident that it is possible to achieve results with our customers without hesitation or anxiety.

Last year, we have launched a new sales and re-sharpening service center in India. I even believe that it is the only strategy to ensure the survival and start a new process with a "Real global company" instead of a "Global company". I have a high degree of trust that it is very important to be a "Global No.1 machinery knife manufacturer", who is recognized by anyone. For this goal, we share the



business challenges for this year with all staffs and will carry it out.

I hope 2010 will be happy and prosperous for you and your family.

## Indonesia Report - Key Woodworking Production Site for Kanefusa

**Mr. K. Imaizumi – General Manager of P.T. Kanefusa Indonesia**

**Kanefusa** Indonesia (KFI) is manufacturing knives and saws which are distributed not only to Indonesia and the ASEAN market, but all over the world through **Kanefusa** Japan, USA, Europe and China, our group companies. Our main products are Veneer Knives for producing plywood. Since

1980 KFI grew bigger with our Veneer Knives with the help of the increased plywood production in Indonesia. After the embargo on wood logs in 1985, the plywood production in Indonesia increased rapidly, and more than 200 plywood factories produced plywood during 1992 and 1993 in Indonesia

according to worldwide demand. The production volume was up to nearly 10 million m<sup>3</sup> per year - that was about 20% of the world's plywood production volume. After the South East Asia economy crisis, the volume



**1** P.T. Kanefusa Indonesia

dropped by 20-30% and many plywood factories were closed. Now there are about 3 million m<sup>3</sup> per year in these days.

Due to environmental protection, plywood factories have developed hybrid plywood by using plantation wood. One of our excellent customers in Surabaya, for example, plant and cut trees by themselves and produce "Eco-plywood" taking



**2** Rotary machine

care of the environment. This means that they took control of their wood resources. Indonesian plywood factories already changed to produce such plywood instead of using tropical woods. We - **Kanefusa** - have also developed new quality knives for such plantation wood logs. KFI promotes not only "BR-1" with the known quality, but also a new veneer knife quality for our customer's satisfaction.



**3** Rotary Uroko

Due to our long and valuable experience we have more than 6 material qualities for veneer knives.

As each plantation log has its unique character, we apply the suitable knife quality for each specification. Plywood is one of the strongest structured wood materials. Many countries such as Russia, South America and others are producing plywood in their countries. KFI will continue to contribute to these markets.



**4** Chipper machine

As 2nd main item we have chipper knives. The above mentioned plantation logs also were been utilized for the Pulp & Paper Industry, Chipboard and MDF industry. We also export chipper knives to the world market. The chipper knives produce "Wood Chips" and this becomes raw material for Pulp, Chipboard and MDF.



**5** Chipper knife

We expect this market will grow more and more in the future just because of the world demands. Chipboard and MDF also use recycled wood material in their production. The reduction of the plywood production volume has been replaced by an increase of the Chipboard and MDF production volume. With this market trends, we continue to manufacture "The Best" for the Chipper Knife market worldwide.



## ↓↓ What's Good About Kanefusa's Strob Saw Blade?

**Mr. K. Takeyama – R&D Division**

It was in the 1980's when **Kanefusa** has started projects with the saw mill industry in Europe and is already doing this for around 30 years now.



Here, I'd like to share the successful example of thin sawing technology for the lines of Linck. In case of one user in Northern Europe, we made the plate thickness of the Strob saw blade 0.2mm thinner. As a result, the recovery rates were 0.2% better than before. This 0.2 % looks like a small amount, but it is not only the yield rate from the raw material. However, it's worthy for customer because the higher recovery rate enables them to produce longer and high-value boards. According to a rough estimation, this 0.2% of recovery rate is nearly equivalent to EUR 200,000!

High speed feeding is another important factor so let's take a look at a case report.

Since I came to the Netherlands to work in the **Kanefusa** Europe office three years ago, TCT circular saw blades for the sawmill industry is one of the most important projects for me.

Conventional feed rates of Linck's lines are around 80-150 m/min, although there are some

Strob saw blades and heavy-duty rip saw blades keep dominating the market share of Northern Europe thanks to no (or little) plate distortion and long life time. In addition - with the user's request of higher yield rate and high-efficiency operation in recent years - the Strob saw blade is required to have thinner plate thickness and operate with faster feeding speeds.

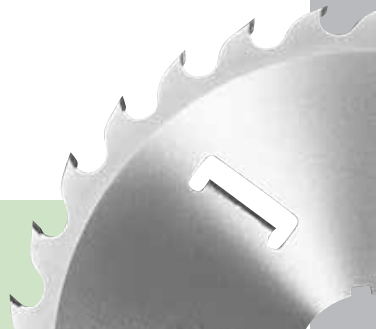


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tions the Strob saw blade is expected to have a strong rigidity and high accuracy. Considering the yield rate, the blade should maintain plate stiffness without making the plate thicker. To clear this matter up, we optimize the lengths and position of the wipers and shape of gullet using the finite element method. Also the blade has a reliable plate accuracy which run-outs about half of the plates of other manufacturers. In fact, some users use Strob saw blades with feeding speeds from 180 m/min to 200 m/min without problems.

We will continuously work on higher yield rates and high-efficiency operation for our users as well as develop new markets such as other European countries and Russia.

users who feed with higher speeds over 200 m/min. To suit these applica-



## Upcoming Exhibition Schedule

### Trade show schedule for the next 3 months

Name	Site	Period
International Exhibition on Woodworking Machinery & Furniture Manufacturing Equipment	Beijing China International Exhibition Center (CIEC)	March 10-13
Wood Technology Clinic & Show	Oregon Convention Center (OCC)	March 09-11
The 17th South China International Exhibition on Printing Industry	China Import & Export Fair Pazhou Complex, Guangzhou, China	March 09-11
Tube Düsseldorf	Düsseldorf Exhibition Centre, Germany	April 12-16

For further information of local or regional tradeshow, please visit our website  
<http://www.kanefusa.net/events/index.html>

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A New Dimension of Performance

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