



*MV DN 1600 (64") installed on a gigant pulp and paper mill in China*

## Tough specification demands behind record-breaking valve

China is not only a huge and important market, it is also hold an industry requiring large components. Stafsjö were consulted with a challenge, which one solved and qualified Stafsjö into the group of suppliers to one of the world's largest pulp and paper mills. "We are breaking new ground" says Stafsjö's KAM Pulp and Paper in China Su Chuansheng.

The blow tank tower is 32 metres high and the pressure is obviously very high. The bottom valve should be able to hold this tight and to operate through highly concentrated pulp. The environment is aggressive and exposed.

- This was a demanding project, explains Su Chuansheng.
- There was no knife gate valve in such a large dimension for a duty like this, as far as we know. We went through the whole process together with the end customer and machine supplier and made some detailed calculations. The outcome was a success, adds Su.

The end customer is a giant within the Chinese business world and one of the largest producers within the pulp and paper industry. Their catalogue of demands is clear. Growth and productivity are in focus, but not at the expense of economic, social and environmental sustainable values. It wants to be a model playing a leading role in the industry.

To achieve near-zero emission rates and minimize consumption of resources, the pulp producer carefully selects its technical solutions. High quality at a reasonable price. To meet this challenge, Stafsjö was forced to make every effort. The result was one of the largest valves in the company's history, tailored to meet requirements from the customer.

–The valves have gradually increased in size over the last years. It was not so long ago that we manufactured a couple of DN 1200 (48") valves. Then we made some DN 1400 (56") for Brazil and now we have built a DN 1600 (64") valve. But then again, we have the competence and expertise amongst our design engineers and a strong team in the workshop, says Marcelo Alvarez, Product Manager for Stafsjö in China.

So it was a 'real piece' – a customized MV valve – that left Stafsjö's factory for its eastward bound train journey. Back



*Assembling of the MV DN 1600 (64") at Stafsjö's workshop in Stavsjö, Sweden.*

in China, work is now underway to deal with new enquiries and projects.

Stafsjö is a strong and well-known knife gate brand in China. With an office in the country for over twenty years, it is easier to monitor market demands and there are still many sectors with a strong growth. With this reference, the company will be able to further strengthen its position within Pulp and Paper industry.

– We have the skills and experience which allows customers to consult with us to find the adaptations for various processes. Our strength is also that we keep delivery times, even if they are tight sometimes, says Su.

#### **Further information**

Please feel free to contact Stafsjö on [sales@stafsjo.se](mailto:sales@stafsjo.se) or on +46 11 39 31 00 for any questions on valve solutions for the Pulp and Paper industry.

If you are you interested in the knife gate solutions for pulp related processes in China, please feel free to contact Su Chuansheng, KAM Pulp and Paper at Ebro Armaturen China, [suchuansheng@ebro.cn](mailto:suchuansheng@ebro.cn).