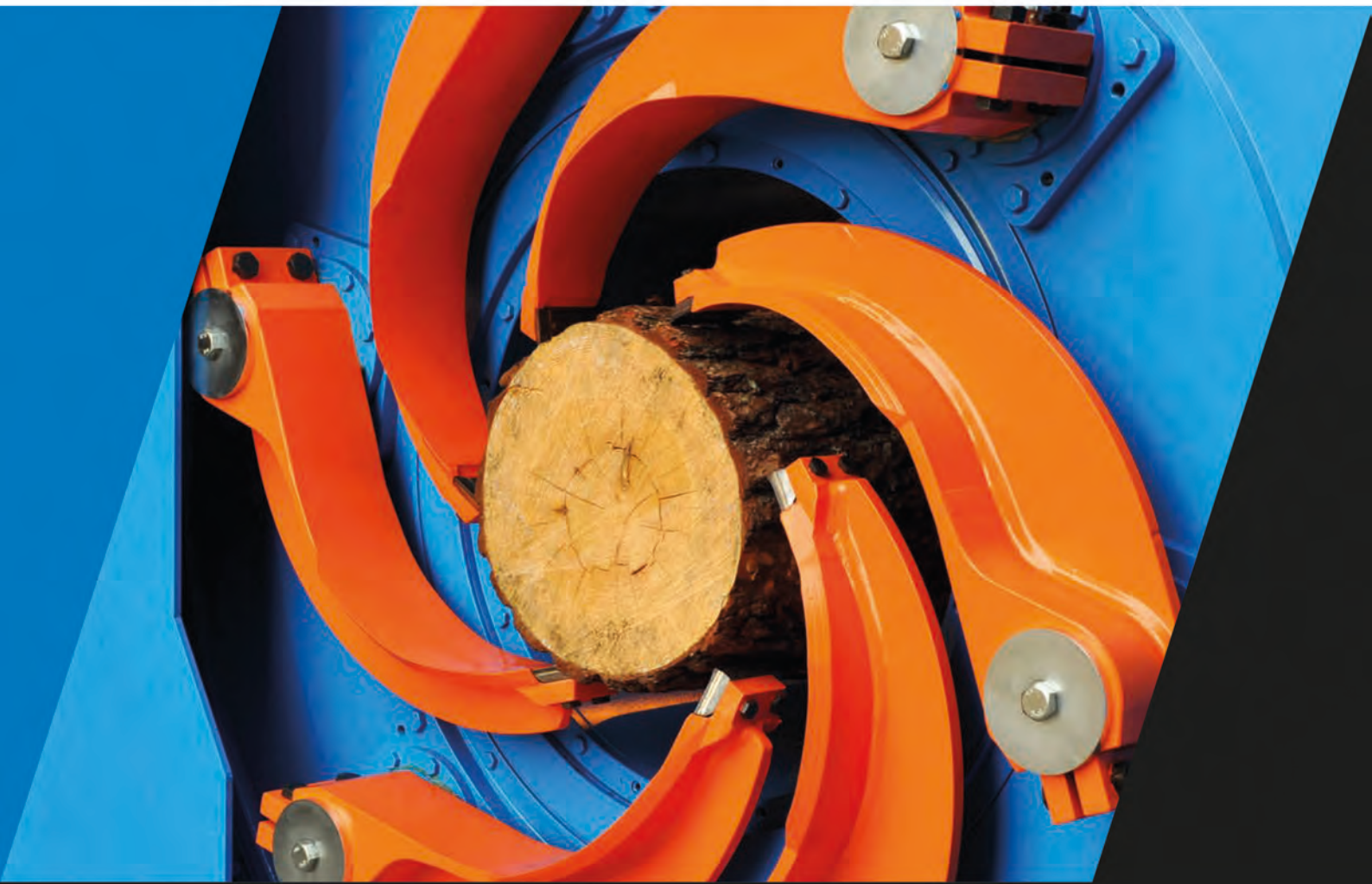




THE MOST EFFICIENT SOLUTIONS FOR INDUSTRIAL LOG DEBARKING



VALON KONE – DEBARKER SPECIALIST



TRUST IN OUR EXCELLENT KNOWLEDGE GAINED OVER MANY YEARS

Valon Kone Oy (VK) are a well-established Finnish company who specialise in the development and production of ring debarkers, along with butt reducing equipment. Our customers are located worldwide and are mainly LVL and plywood manufacturers and sawmills.

VK offers a solution for all debarking projects in locations where the logs can be fed into the debarker one at a time. Whether it concerns a small plant or a high-speed production plant, VK can surely deliver a suitable machine from its extensive product range for customers' needs, regardless of conditions and wood species. This is proven by thousands of satisfied customers worldwide.

Over 60 years' experience in developing ring debarkers guarantees that Valon Kone is today's world leader of ring debarkers. Behind the success is a skilled workforce and continuous investments in quality, research and development, as well as modern manufacturing technology. Product development is enhanced by close liaison with customers and VK is known as a pioneer in the ring debarking technology.

VK's worldwide sales and agent network enables close cooperation with customers ensuring that they receive the best possible support from Valon Kone and the most efficient solutions in all situations – no matter where the customer is located.

OUR EXTENSIVE DEBARKER SELECTION A MODEL FOR EVERY NEED

EFFICIENT MACHINES FOR HIGH-SPEED PRODUCTION PLANTS

The VK5000 and VK8000 series' machines are designed for modern production plants for high-speed debarking. A suitable frame model will be chosen based on the log size and required feed speed. Many different machine versions can be constructed depending on the customers' needs. Two different levels of feedroll modules can be selected for a single-rotor machine. The Basic is the standard model for lower feed speeds and Heavy Duty (HD) is meant for higher feed speeds. All two- and three-rotor machines (Combi machines) are of HD range.

FLEXIBILITY WITH MODULARITY

Thanks to the modular design of the machines VK5000 and VK8000 series, these can be easily modified according to the customers' debarking needs. If the production capacity increases, you do not have to invest in a new machine because the existing machine can be upgraded. You can start with a single-rotor machine, which is equipped with a centring infeed conveyor, feed rolls modules and a debarking rotor. If you want to invest in the next stage for an even faster machine and get cleaner wood chips, you can switch to a double-rotor debarker. In this phase, another debarking rotor and a feed roll module will be added to the machine. Along with high feed speed, butt-ends can be reduced with the debarking speed in a three-rotor machine.

STEP 1

1-rotor machine (Basic and HD)



STEP 2

2-rotor machine (HD)



STEP 3

3-rotor machine (HD)

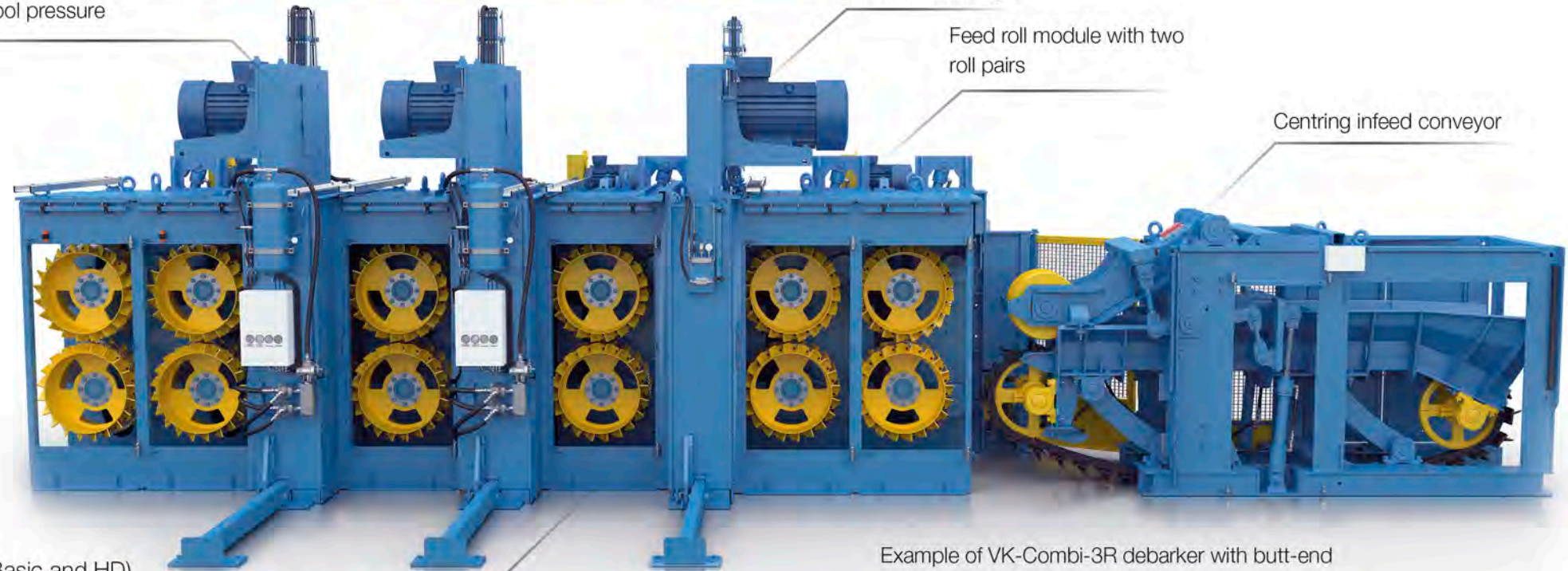


Debarking rotor with hydraulic or pneumatic tool pressure

Butt-end reducing

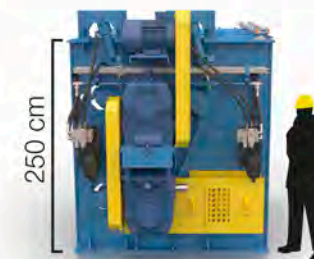
Feed roll module with two roll pairs

Centring infeed conveyor



Example of VK-Combi-3R debarker with butt-end reducing rotor and two debarking rotors

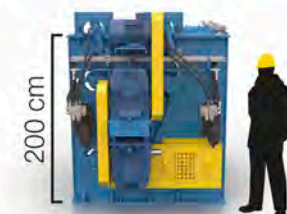
TWO FRAME SIZES



VK8000 for middle-sized and large logs

Rotor alternatives:

- hydraulic tool pressure: 62 and 82 cm
- pneumatic tool pressure: 56, 68, 81 and 92 cm



VK5000 for small and middle-sized logs

Rotor alternatives:

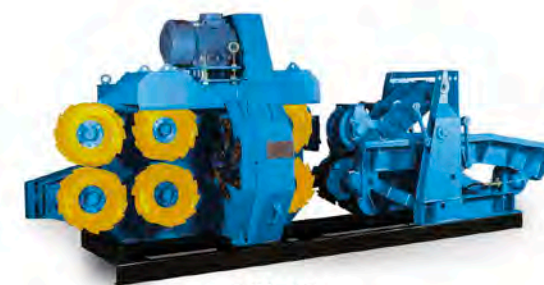
- hydraulic tool pressure: 48 and 62 cm
- pneumatic tool pressure: 44 and 56 cm

RELIABLE SOLUTIONS FOR SMALLER PLANTS

VK450 is the world's best-selling small log debarker. The machine is very easy to use and excellent debarking results can be achieved along with high feed speeds. Four different versions of the machine are available according to the log length and required feed speed.

VK26MX and **VK26SMX** debarkers are popular and easy to use for the debarking of middle-sized logs in slower production plants. In addition there is an SL version available in both of these models, which is designed for shorter logs.

VK90, VK100, VK110 and VK1092 machine models are designed for debarking large and/or long lengths. They are equipped with a debarking rotor, which is positioned according to the log diameter (a sliding rotor). Designed to give long life whilst handling heavy and long length logs.



VK450



VK26MX



VK100



AFTER SALES GUARANTEES THE PERFORMANCE OF YOUR MACHINE

Valon Kone's worldwide After Sales service network helps to ensure trouble-free operation of your debarker at all times. Valon Kone have offices worldwide and, through its agents, ensure customers receive the best after sales care possible. Thanks to this widespread network, quick spare part deliveries and solutions for trouble shooting can be ensured all over the world.

VK's maintenance services cover everything your debarker may require:

- Machine optimisation (debarking quality and machine operation)
- Diagnostics, repair advice and repairs
- Tool tip maintenance and repairs
- Maintenance needs analysis
- Regular periodical and annual maintenance and repairs
- Factory maintenance
- Training

Valon Kone supplies spare parts for new and old VK debarkers. In addition, different kinds of retrofit packages are available for many machine models. We want to provide the best care for your VK debarker throughout its entire lifespan.





CONTACT US.

We are happy to tell you more about our reliable debarking solutions. Our representatives serve you worldwide.

Main office:

Valon Kone Oy
P.O. Box 29
08101 Lohja, Finland
(Visiting address: Honkatie 5,
08500 Lohja, Finland)
Tel. +358 19 36 061 / switchboard
info@valonkone.com
forename.surname@valonkone.com
www.valonkone.com

Scandinavia

Valon Kone AB
SE-82143 Bollnäs
Sweden
info@valonkone.se

Russia

Valon Kone LLC
198095, Russia
St. Petersburg
info@valonkone.ru

USA and Canada

VK North America LLC
Spokane, WA 99216
USA
info@vkna.com

Asia-Pacific

VKS Pte Ltd
Singapore 229538
Singapore
jarmo.orpana@valonkone.com

