

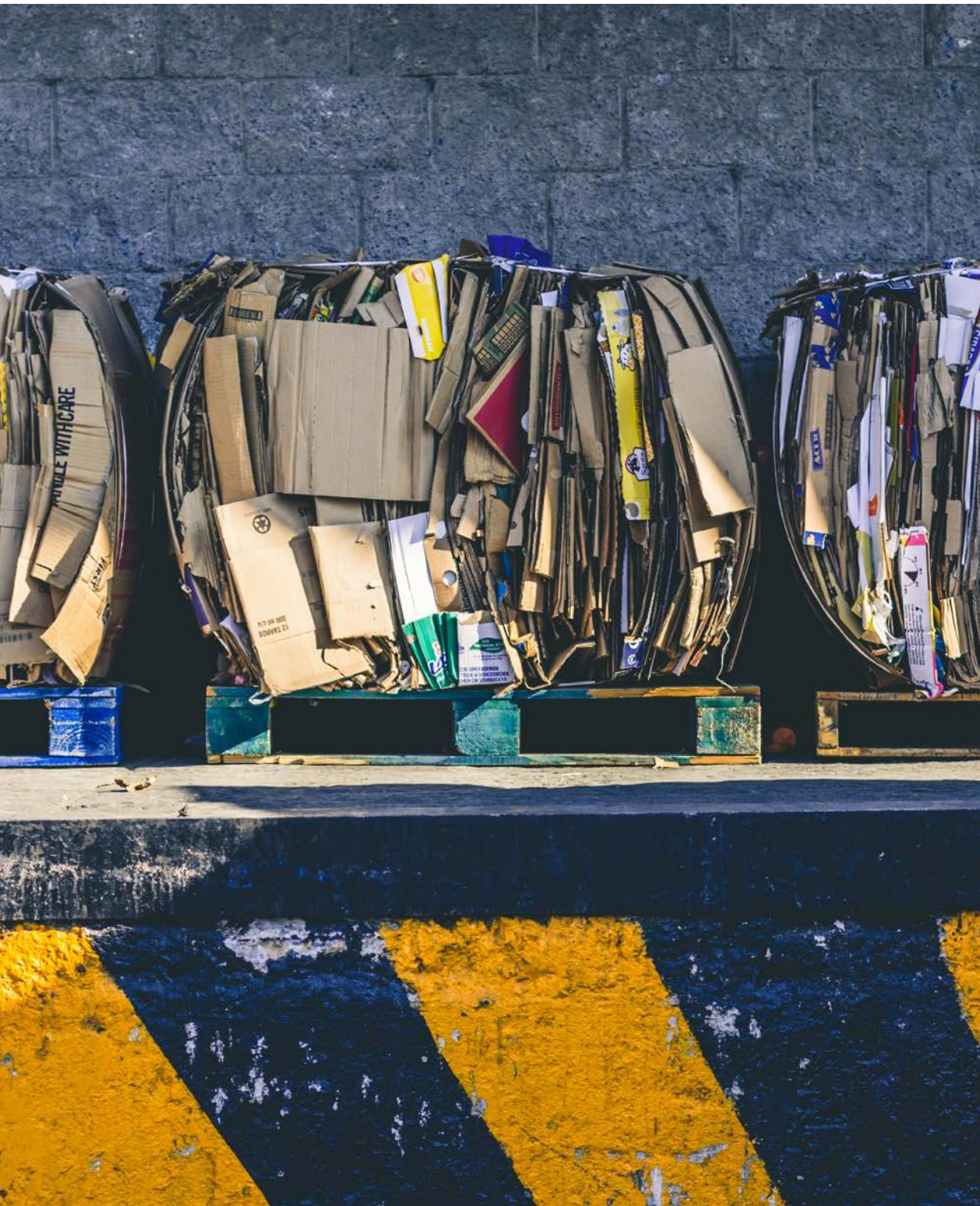


Cellwood Machinery

Enhancing recycling

**We make
the most
of nature.**

Recycling solutions for paper and organic waste.



Cellwood – We make the most of nature.

KEY VALUES WITH OUR
SOLUTIONS ARE HIGHER
PAPER QUALITY AND
LOWER ENERGY DEMAND.

Every day Cellwood equipment saves 1.5 million trees from being harvested.

Our systems enhance the waste paper recycling process and can be found in hundreds of mills worldwide. Key values with our solutions are higher paper quality and lower energy demand in the production. In the pulp and paper industry we are the world leading supplier of dispersion systems and we offer other products such as pulpers and microfilters.

We are also active in the bioenergy industry, with solutions for pre-treatment of organic waste.

To us, waste can be a natural resource.

Sustainability has been a natural part of Cellwood for a long time. Our early focus on recycling has made us a world leader in dispersion of waste paper, and we always strive to act in the best interest of the environment and our society. We also conduct extensive research and development – the ongoing challenge is to find new ways to recycle materials and resources even more efficiently.

BY REBUILDING AND
RE-USING WHAT ALREADY
EXISTS, WE CAN SAVE ENERGY
AND INCREASE THE OUTPUT.



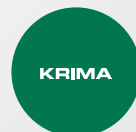
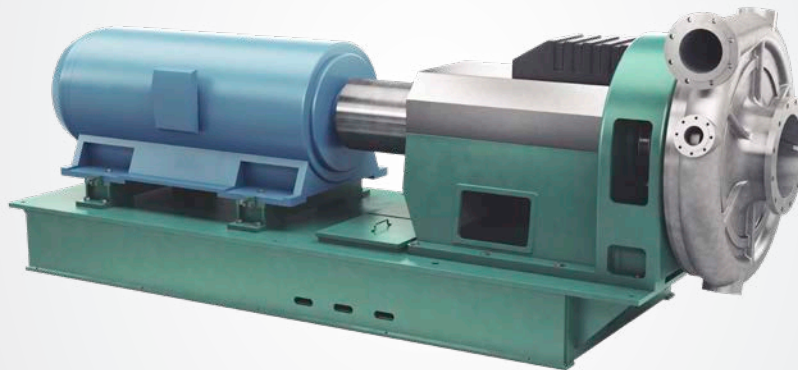
Cellwood – We make the most of nature.

DISPERSERS

**Recycled paper
made stronger
and cleaner.**

KRIMA DISPERSING
SYSTEMS ARE USED
TO STRENGTHEN
FIBER AND REDUCE
IMPURITIES IN THE PULP
TO A NON-VISIBLE SIZE.

The target of dispersion is to disperse – distribute – contaminants in the waste paper to a non-visible size. This is an economical method for elimination of impurities in the pulp – and it also develops strength properties in the fibers.



PULPERS

Energy efficient paper dissolving.

ENERGY EFFICIENT
SOLUTIONS FOR PAPER
DISSOLVING. GRUBBENS
PULPER RANGE OFFERS
A HIGH PULPING QUALITY,
SHORT PULPING TIME, AS
WELL AS A VERY LOW
POWER USAGE.

The Grubbens product line offers solutions for under-the-machine, bale and broke pulpers, and for high consistencies. Paper mills around the world often operate pulpers of old design which consume significant amounts of energy.

Cellwood specializes in rebuilding existing pulpers – a modernization that dramatically will decrease the energy consumption, and also lead to a much higher throughput.



BIOENERGY

**Reject removal
from organic
substrate.**

PRE-TREATMENT OF
HOUSEHOLD WASTE WITH
EFFICIENT REMOVAL OF
PLASTICS AND GRIT.

For the bioenergy industry, Cellwood offers solutions for pre-treatment of organic waste from households and industries. After pre-treatment, the substrate can be digested into biogas – which is converted into electricity or used as fuel for vehicles.



MICROFILTERS

Safe re-use of process water.

ALGAS MICROFILTERS RECOVER USEABLE FIBER, AND SAVE ENERGY BY ENABLING SAFE RE-USE OF PROCESS TEMPERATURE WATER.

Algas microfilters recover useable fiber and enable safe re-use of process temperature water. This reduces both heating energy and water consumption in the plant. We have been supplying filters world-wide for over 30 years, with hundreds of installations in the pulp and paper industry.



We put everything to the test.

The company's strict specialization allows for extensive research and development within the field – the challenge is to find new ways of even more efficient recycling. In the head office in Sweden a complete set of Cellwood machines are installed in a state-of-the-art pilot plant – which is available for customer trials and training.



Research and Development Center

Our industrial scale pilot plant in Nässjö Sweden is available to customers world wide for trials and training purposes for stock preparation equipment and systems with a strong focus on waste paper recycling.



From front-runner to world leader.

Cellwood plays an important part in the development of the modern pulp and paper industry. The company is the world leading supplier of dispersing systems, which are used in the process of recycling paper waste into new paper. More than 650 system installations have been delivered to paper mills worldwide. Each delivery is specifically designed with regard to the customer's process, and every business relationship is characterized by close collaboration on testing, installation, commissioning and service in the form of maintenance and spare parts.



Cellwood Machinery was founded in 1913, and today it is part of the family owned Cellwood Group, together with Bruzaholms Bruk. The head office is located in Nässjö, Sweden, with subsidiaries in Canada, China, Germany and India. 90% of the sales is export, total turnover is 35 million euro, and the number of employees is 50.

Support throughout the whole product lifecycle.

Pulp & paper pilot plant trials

Test your material in our pilot plant and analyze machine performance in our lab.

Engineering and project based deliveries

Customized designs for your unique application.

Start-up

Full service on site with your machine delivery.

Global support

We have offices in Sweden, Canada, China, Germany, India and agents all over the world.

Service visit

Let us visit your plant and help you improve performance.



Cellwood Machinery

Cellwood is the world leading supplier of dispersing systems for the pulp and paper industry. We are also active in the bioenergy industry, with solutions for pre-treatment of organic waste. Through extensive research and development, we strive to find new ways of even more efficient recycling.

Recycling solutions for paper and organic waste.

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