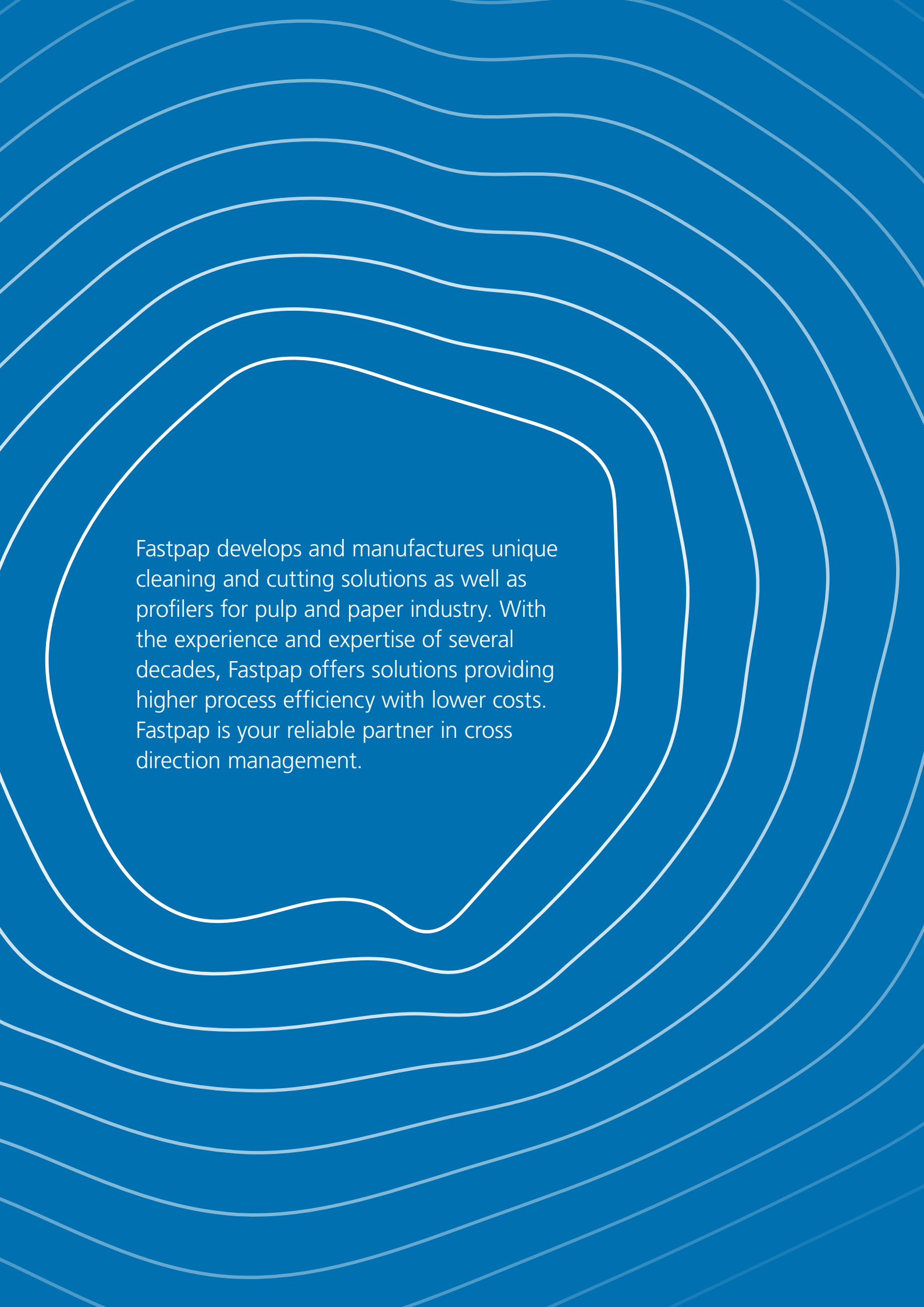


Fastpap



**SOLUTIONS FOR
PULP & PAPER
INDUSTRY**



Fastpap develops and manufactures unique cleaning and cutting solutions as well as profilers for pulp and paper industry. With the experience and expertise of several decades, Fastpap offers solutions providing higher process efficiency with lower costs. Fastpap is your reliable partner in cross direction management.

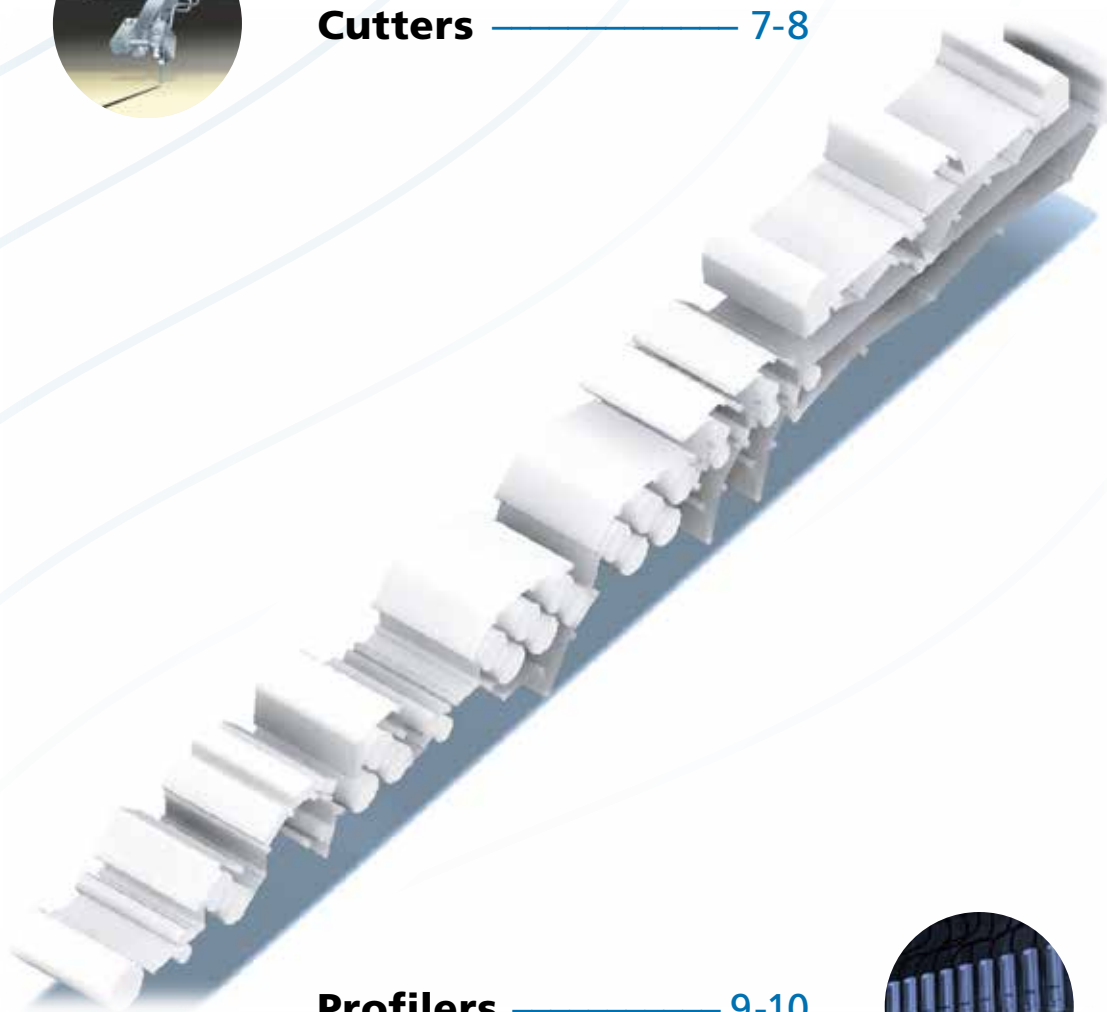
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LINESPRINT



Online Roll Cleaning Solution

Fastpap LineSprint is a state-of-the-art solution for cleaning all types of roll surfaces. Automatic online cleaning decreases web breaks and eliminates the need for manual cleaning which improves work safety. Clean roll surface provides consistent and flawless end-product quality.

Unique cleaning method

LineSprint cleans the roll surface efficiently but gently with a rotating brush. The adjustable water jet enhances cleaning and lubricates between the brush and the roll surface. Water is used in a minimal amount so as not to leave marks on the web or change its moisture profile.

LineSprint has different operating modes; it can be adjusted to clean the entire roll surface width or spot cleaning according to the current need. All impurities from the surface of the roll as well as the lubrication water are removed from the process with vacuum. Efficient air doctors ensure surface dryness.

Individual solution guarantees optimal efficiency

LineSprint is a modular design which is adaptative to provide solution for different customer applications. The cleaning tool is selected according to the material and the special requirements of the surface to be cleaned. The cleaning and moving speeds of LineSprint are both programmable.

Easy to install and maintain

Thanks to its simple, compact structure, LineSprint is dependable and easy to install. The device can be installed so that it does not have to be removed during the roll change. The cleaning head can be driven outside the paper web for maintenance, such as brush changes, and this can be done during production.

LineSprint can be installed at calander, coater backing, and press rolls as well as drying cylinders and paper carrying rolls.

Excellent cleaning results guaranteed at any position and application.

COMBOSPRINT



Dryer Fabric Cleaning

Fastpap ComboSprint is an efficient and reliable solution for cleaning dryer fabrics during production and during web brakes. It cleans the fabric thoroughly without influencing the moisture profile of the paper web.

ComboSprint is based on well-designed technology without a vacuum system. ComboSprint is dependable and easy to install. The cleaning head can be driven outside the hood so that the maintenance activities can be conducted during production, like nozzle changes or alternatively the drive can be inside the hood.

Unique online cleaning method

The water/air nozzle solution removes dirt effectively from the fabric to save-all, which takes the dirt and water out of the process.

Since the save-all is located under the fabric, paper broke cannot get stuck in it. This is the most effective direction for removing impurities. Impurities do not enter the internal circulation or stick to the roll surface, because the fabric is not cleaned against the roll.

Perfect cleanliness

ComboSprint method cleans the whole structure of the dryer fabric. The best result is achieved with continuous cleaning, which prevents the accumulation of impurities in the fabric and maintains the performance of the fabric at an optimal level.

ComboSprint operates in break cleaning mode during web brakes by using more water to optimize the fabric cleaning.

FORMERSPRINT



Forming Fabric Cleaning

Demanding conditions in the forming section require a fabric cleaner to be consistently dependable. Fastpap FormerSprint is a cleaning solution, which improves machine runnability and prolongs fabric lifetime. A clean fabric enables faster running speed and minimizes web brakes.

Unique cleaning method

FormerSprint optimizes cleaning efficiency for all forming fabric structures by using an innovative 3D jet method. The direction, pressure, and amount of water from the jets are easily adjustable for optimal cleaning effect and impurity removal. The cleaning head design significantly reduces water consumption without compromising the result.

Reliability in extreme conditions

The FormerSprint beam is sealed, and the dirt-repellent outer surface is easy to clean. The patented sealing solution of the beam ensures that the inner structure of the beam remains clean, and its functionality stays dependable.

Easy to install and maintain

FormerSprint is easy to install to any forming section due to its simple and compact structure. Maintenance requirements for FormerSprint are minimal. The cleaning head can be driven outside the paper web for maintenance during continuous production such as nozzles change.

WETCUT



Wet-end Tail Cutter

WetCut is a wet-end tail cutter representing high cutting position accuracy. Wet-end tail cutter moves to a pre-programmed tail width with a button press. It quickly widens the web after threading.

Reliability under extreme conditions

WetCut is especially designed for demanding conditions in the forming section. Its structure is well sealed, and the surface is easy to clean. The unique sealing solution of the beam ensures that it stays clean inside and its functionality stays dependable.

Versatile and accurate

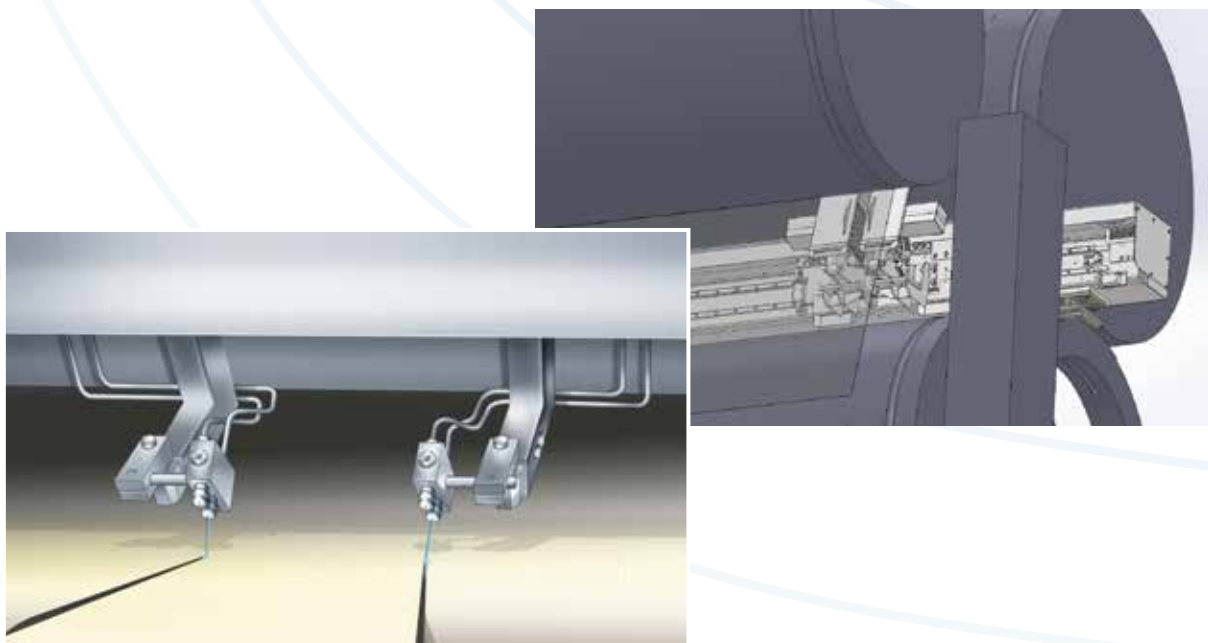
The tail widths can be programmed for WetCut according to the customer's needs. The movement of the cutting jet is

smooth; the repeatability of the position is excellent, and the speed of the cutting head is widely adjustable. The angle and distance of the cutting head can be easily adjusted. If necessary, the width of the tail can be trimmed manually at slow speed or normal spreading speed.

Easy to install and maintain

The compact structure of WetCut makes it easy to install even in tight spaces. WetCut can be installed either above or below the paper web, depending on the location. It can be located on i.e., under the pick-up felt enabling quick fabric change. WetCut rarely needs maintenance due to its reliable technology, but when needed, its easy accessibility makes it easy to maintain. All moving parts are inside the well-sealed beam to keep the components clean.

SINGLE&TWINCUT



Tail Cutters For Dry End

Fastpap tail cutters TwinCut and SingleCut are both designed for HP water or blade cutting. First class reliability and highly repeatable accuracy help to achieve more production time. Tail threading is a critical operation, of which success depends particularly on the faultless performance of the tail cutter. In development of tail cutters, Fastpap has concentrated specially on reliability and durability of the equipment. The requirements of challenging conditions have been carefully considered, from the design to the selection of components.

TwinCut – double tail cutter

TwinCut cuts the tail at the web edge with two cutting heads, and after threading, moves it to the center of the machine and finally widens it to the edges. If necessary, one of the two cutting heads can also be used exclusively for widening the web to the entire width.

Advanced features

Tail widths are programmable for SingleCut and TwinCut according to current customer needs. They are easy to adjust. Cutting takes place either in the open draw or against a cylinder. The cutting head movement is steady, and repeatability of positioning is excellent. The speed of the cutting head is widely adjustable, and the acceleration and deceleration are programmable. If necessary, the tail width can be trimmed manually at slow speed or normal spreading speed.

Easy to install and maintain

The compact structure of the tail cutters makes them easy to install even in tight spaces. The cutting heads can be driven outside the hood, which enables maintenance during production.

ULTRA VALVE&SLICE



Basis Weight Profile Control

Automatic Dilution and/or Slice control systems are widely used in Pulp & Paper Industry to assure optimal CD basis weight profile and end product quality. Fastpap Ultra Valve & Slice profile control systems has been on the market for decades used with various quality control system (QCS) deliveries globally. Investments in R & D and focus on end customer needs guarantees that Ultra Valve & Slice actuators stays in the frontline when reliable and trustworthy profile control system is required.

Actuator design is user friendly with special focus on ease of maintenance. Access to different headbox components is assured by straight forward design. Fastpap actuators are designed for high precision, force and torque, guaranteeing accuracy

on precise and trouble-free control actions through each actuator.

Fastpap actuators utilizes Profic CD control software especially designed for headbox profile control systems. The control software is made with an open architecture aimed to assure no expensive service contracts required. It provides interactive support functions such as historic graphic trends as well as built in troubleshooting tools and control tuning support tools. 2-sigma basis weight improvement with Profic CD has generally been over 60%. Profic CD control is provided with remote service capability to ensure quick service and troubleshooting assistance, as well as remote technical support.

PENTASPRAY



Moisture Profile Control

PentaSpray rewet system is based on conventional hydraulic spraying technology, which does not require atomizing air system. Each profiling zone of PentaSpray system consists of five different size hydraulic spray nozzles. The combination of the five spray sizes gives twice as good profiling accuracy compared to the traditional 4-nozzle systems.

The complete system is based on well-known and accepted industry standard water handling technology. Utilizing standard spray nozzles and other components makes PentaSpray both extremely reliable and easy to service.

The water supply system of PentaSpray consists of the most reliable components and PLC based controls for such as water pressure and temperature. The same PLC can include optional moisture CD control algorithm which works seamlessly together with the PentaSpray assuring good moisture profiles at all times. Because a massive atomizing air supply system is not needed, it makes the system economical to install, use and maintain.

Fastpap

Company & Services

Decades of experience and global services

Fastpap has been developing and manufacturing solutions for higher process efficiency and lower costs for the pulp and paper industry over 30 years. The company's expertise is cleaning and cutting solutions based on high pressure water jet or blade technology. So far, Fastpap has delivered over one thousand scanner products worldwide.

1000+

Scanner products delivered

Priority is to maintain the topmost efficiency of the supplied equipment. The company's service team efficiently takes care of all maintenance needs and execute product updates. Fastpap constantly focuses on product development for customers' benefit.

30+

Years of experience

Company's head office and production unit are in Tampere, Finland. Thanks to diverse cooperation between Fastpap and its partners, the company can offer customers a full package of products and services to meet their needs globally.

27+

Countries with sales connections

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**QUALITY
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CUSTOMER CARE**

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