

# GREATER SAFETY BRINGS GREATER EFFICIENCY

For over 140 years, the name Clouth has been synonymous with high quality, reliability, solution-oriented approaches and innovative solutions. No matter whether it's doctor blades, coater blades, creping blades, doctor systems or special solutions: Our products are extremely successful and are used on one in three paper machines worldwide. Innovative and reliable safety accessories top off our portfolio, ensuring that we are also well-equipped to serve this market. Not only does this increase the efficiency of the machinery, it also enhances user safety. We realised the significance of this at an early stage. Our goal is to keep the potential danger to an absolute minimum. With this in mind, we use our experience from countless installations when developing suitable equipment and resources.

Using state-of-the-art technology, not only are we able to prevent individual occupational accidents and lower the risk of injury, we are also able to implement comprehensive preventative measures – in particular when handling doctor blades that necessitate the use of special protective clothing. Clouth has always recommended using cut-resistant gloves along with protective goggles and safety shoes. Our current development of the so-called chain glove offers significantly more wearing comfort than previous products.

For the purpose of changing blades, we have designed a number of different extraction devices to suit various requirements. These allow our customers to remove old blades easily and safely. These include the **CLOUTH DOCTOR-PULL®** and the **CLOUTH POWER-PULL®** with increased gripping force.

By developing the **CLOUTH DOCTOR-CUT®**, we have addressed the need to safely dispose of used doctor blades, coater blades and creping blades. The cutter is suitable for synthetic and metal blades, is simple and safe to use and enables our customers to dispose of blades at a low cost and with minimal space requirements. A number of different boxes can be inserted for separating material.

In order to make installation of doctor blades quick and easy and to improve doctoring efficiency, we have designed the **CLOUTH DOCTOR-CLEAN®** with a special cleaning head mounted on a support blade, to enable doctor holders to be cleaned. Various models of the cleaning system are available: The **CLOUTH DOCTOR-CLEAN® II** and **CLOUTH DOCTOR-CLEAN® II Plus** allow the blade to be changed very easily, lower the risk of accidents, increase efficiency, ensure there is less surface damage and fit all common doctor blade holders.

Doctor blade handling is improved and blades can be changed by one person using one of the high-quality **CLOUTH DOCTOR-STORE®** storage system models 5, 10 or 20. There is no need to transport the blade to the machine because all of the systems can be positioned at the machine itself. As a result, there is no need to unpack the doctor blade prior to installation, thus lowering the risk of damage and injury.

**CLOUTH SAFETY-GLOVE®**  
Safety glove with internal chain edging

**CLOUTH DOCTOR-PULL®**  
Doctor blade extraction device  
for a lower risk of injury

**CLOUTH DOCTOR-CUT®**  
Cutter for doctor blades

**CLOUTH DOCTOR-CLEAN® II Plus**  
Doctor holder cleaning system

**CLOUTH DOCTOR-STORE® 10**  
Doctor blade storage system

**EDUCATIONAL MATERIAL**  
Handout: "Safe practice for  
handling of doctor blades"

**EDUCATIONAL MATERIAL**

 **JOH. CLOUTH®**

## COMPREHENSIVE OCCUPATIONAL SAFETY MEASURES

In addition to providing these special solutions, we also train our employees on a regular basis, thus ensuring that they handle doctor blades in a safe manner. Our trained specialists are happy to run doctor blade training courses your staff. The accompanying documentation, which is fully customised to your requirements, complements the product offer. For example, the Clouth 'Safe Handling' booklet is a handout developed by Clouth that summarises safe doctor blade handling procedures in addition to essential basic information and parameters.

You can find an overview of all of our system accessories at [www.clouth.com](http://www.clouth.com)