JOH. CLOUTH®
A CLOUTH GROUP MEMBER

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CLOUTH HiSENSE®.

Precisely determine optimum
doctor blade setting.

CLOUTH HiSENSE® – Proven expertise from a single source with genuine added value. A comprehensive expert concept for optimum and permanently stable doctor blade performance.

Simple data collection.

The measuring blade transmits data in real time via radio to specially developed software that supports up to 60 sensors.

Pressure tests.

The power distribution is recorded under actual pressure and supplemented by up to six additional pressure stages – for doctor blade work that is precisely adjusted and optimally coordinated.

Precise measurement and visualisation.

Force and angle are measured precisely and displayed as a clear load curve across the entire blade width – for easy-to-understand analysis and targeted optimisation.

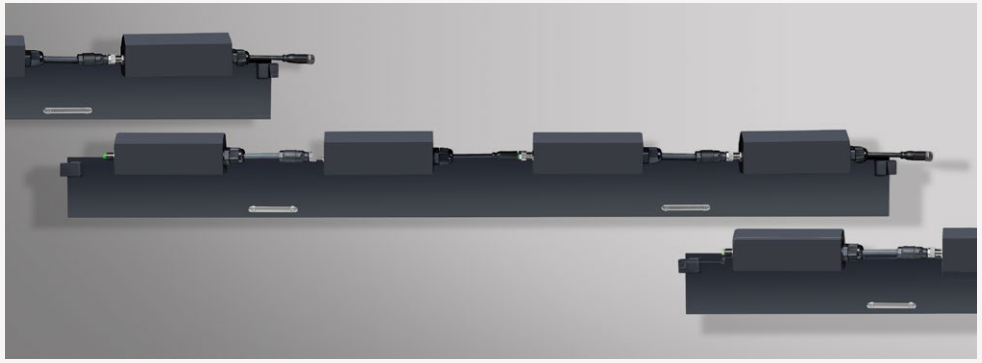
Detailed expert report.

The report provides specific recommendations on ideal contact pressure, synchronised blade angle, suitable doctor blade holders and surface conditioning – including identification of load optimisation to determine energy-related savings potential.

For cleaning the blade guide and precisely controlling the blade angle, we recommend our tried-and-tested accessory solutions:

CLOUTH DOCTOR-GAUGE®


CLOUTH DOCTOR-CLEAN® II


Blade elements, each equipped with four sensors, can be flexibly combined to create measuring lengths of up to 12 m.

Measure smartly. Optimise smartly.

CLOUTH HiSENSE® stands for precise, data-based optimisation of the doctor blade setting.

Optimum prerequisites

- Machine standstill for approx. four hours
- Movable doctor blade holder: Lifting and applying
- Adjustable contact pressure – even at standstill
- Clean doctor blade holder
- Clean roller and cylinder surfaces

Supporting information

- Contact pressure of the doctor blade during operation
- Running times of the blade and any abnormalities
- Type of doctor blade holder
- Roller and cylinder surfaces