

Leading profiling actuator manufacturer

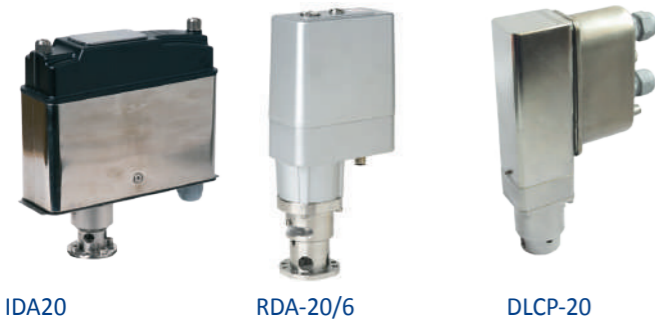
Tasowheel provides maintenance and repair services throughout the product's lifetime. Our actuators are well-known for their long life cycle and reliability. This ensures our customers an efficient and uninterrupted production.



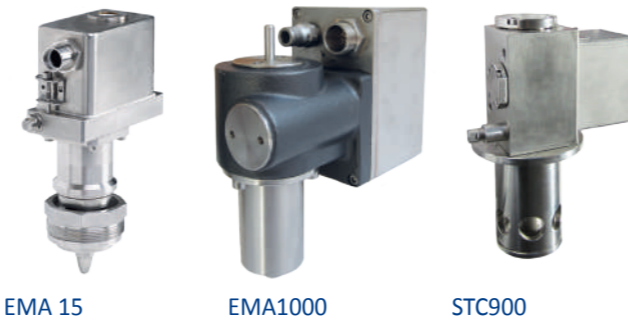
PROFILING EQUIPMENT AND SYSTEMS for the Paper and Board industry

Original spare parts, maintenance and repair services from the manufacturer

Dilution actuators



Steam



Slice lip



Coating



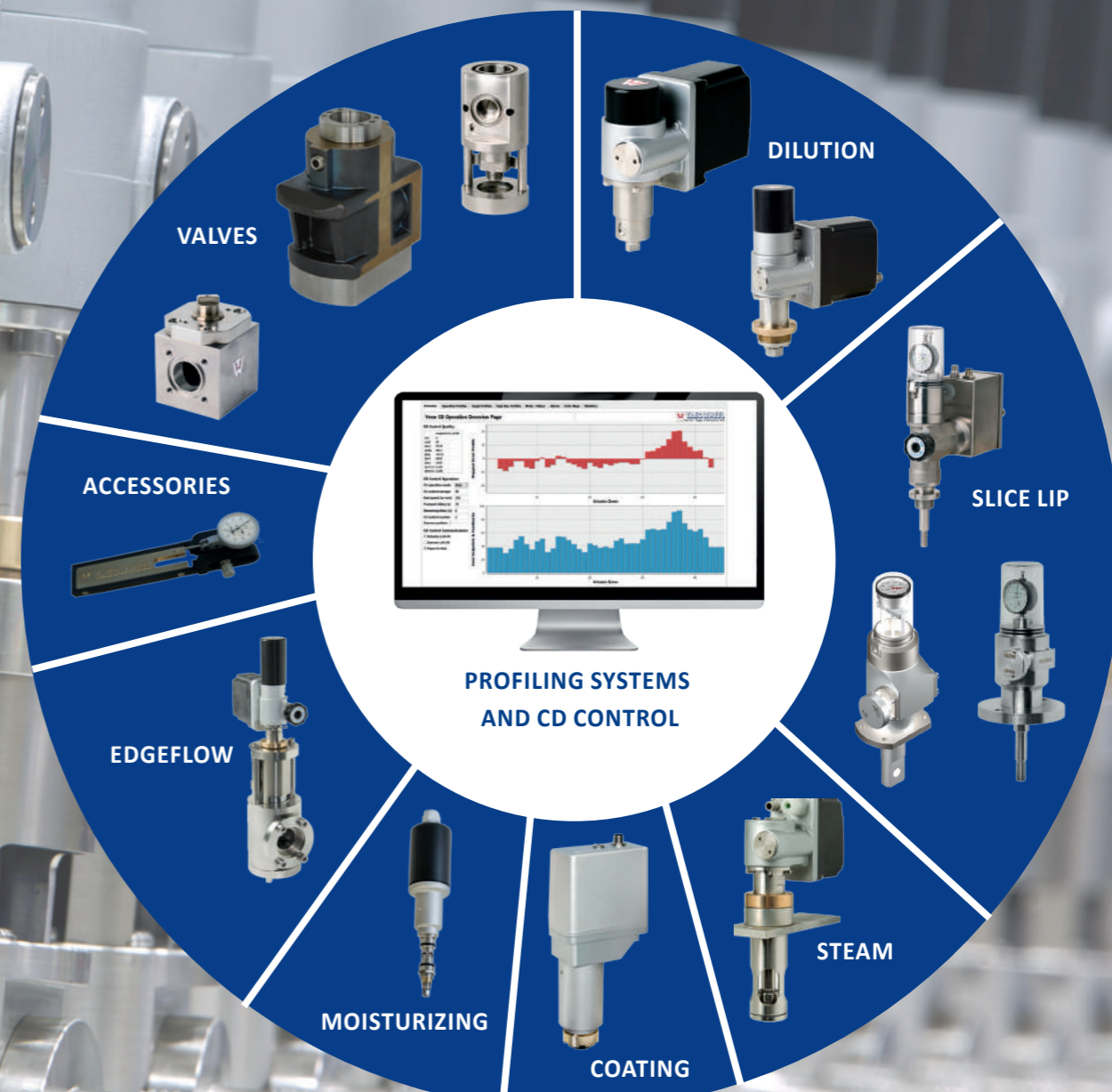
Moisturizing



Edgeflow



Check our entire selection at tasowheel.fi/tasowheel-systems/systems-products



Original CD Profiling components.

More than 40 years of industry experience.

More than 200 000 actuators and valves worldwide.

Tasowheel actuators and valves for the Paper and Board Industry

Dilution actuators



RDA

Rotary Dilution Actuator

- Operating torque: > 20 Nm
- Output: 90°
- Spacing in one row: min 60 mm
- Resolution < 0,05°



LDA

Linear Dilution Actuator

- Operating force: up to 3500 N
- Output: up to 50 mm
- Spacing in one row: min 60 mm
- Resolution < 10 µm

Dilution valves



RDV

Rotary Dilution Valve

- AISI 316, no plastic parts
- Hard coated flow surfaces
- Spacing in one row: min 60 mm
- Straight through flow



RDV-90 degree

Rotary Dilution Valve

- AISI 316, no plastic parts
- Hard coated flow surfaces
- Spacing in one row: min 60 mm
- 90 degree through flow



LDV

Linear Dilution Valve

- AISI 316, no plastic parts
- Hard coated flow surfaces
- Spacing in one row: min 60 mm
- 90 degree through flow

Slice lip



Forte

Motorized linear Actuator

- Linear force: up to 7500 N
- Output: up to 10 mm
- Spacing in one row: min 65 mm
- Resolution < 0,35 µm



MLL

Manual linear Actuator

- Linear force up to 6000 N
- Output: up to 10 mm
- Spacing in one row: 100 mm
- Resolution < 10 µm



ML35000

Manual linear Actuator

- Linear force: up to 35000 N
- Output: up to 20 mm
- Spacing in one row: min 100 mm
- Resolution < 10 µm

Steam



STA Linear Steambox Actuator

- Linear force: up to 1000 N
- Ambient temperature max 125°
- Output: up to 10 mm
- Spacing in one row: min 60 mm
- Resolution < 5 µm

Moisturizing



MTA Motorized Moisturizer Actuators

- Axial force 120 N
- Protection class IP 67
- 2 valve sizes: 15 l/h and 30 l/h

Coating



CA Linear Coater Actuator

- Linear force: up to 5000 N
- Output: up to 10 mm
- Spacing in one row: min 60 mm
- Resolution < 0,3 µm

Edgeflow



TASOEDGE Linear Edgeflow Actuator with a valve

- Axial force up to 2000 N
- Operating range 40 mm
- Resolution < 10 µm

Accessories



Slice Gap Measurement

- Resolution < 10 µm
- Excellent repeatability
- Direct backlash indication
- Measurement during actuator motion
- Easy set-up without tools

Tailored CD control systems

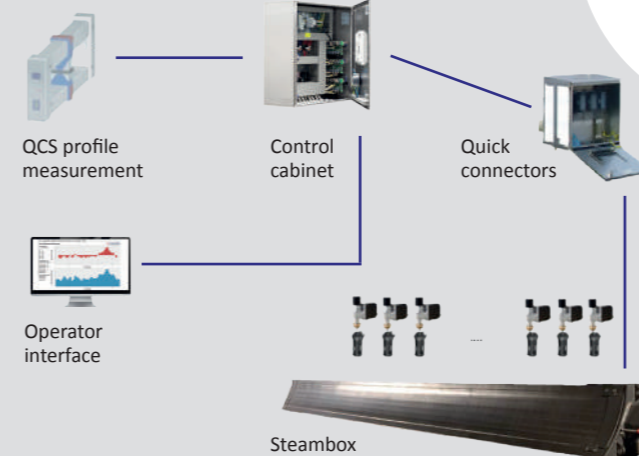
Dilution



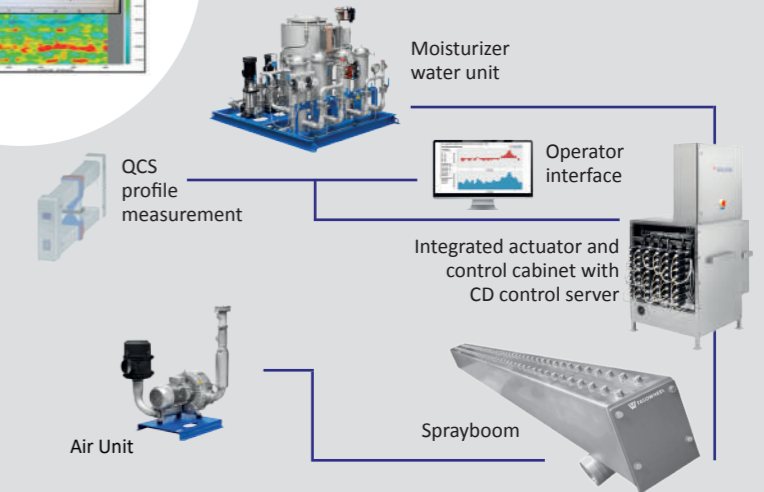
Slice



Steambox



Moisturizer

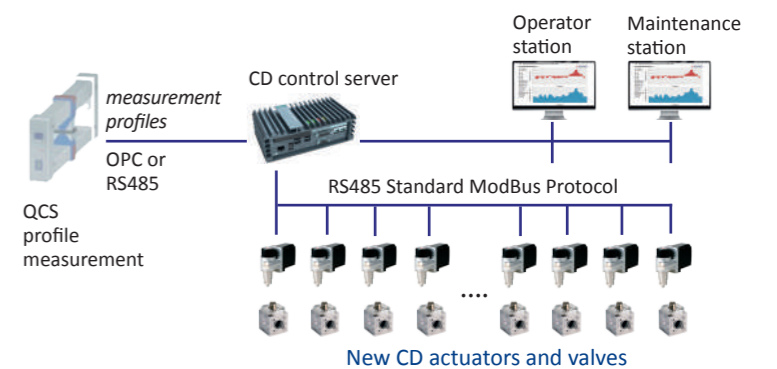


Actuator server



- Remote manual operator interface
- Connectable to any CD control software
- Graphic presentation of actuator status and position
- Actual numerical status of different features
- Actuator status, e.g. temperature, voltage, drifting
- Continuous fault diagnostics of the system and each actuator
- Slice lip bending limit monitoring

CD control systems



- Controls for accurate CD profiling with a simple user interface
- Communication with modern QCS via ModBus RTU interface or an OPC communication link
- Accurate mapping, high resolution to control profile
- Automatic mapping feature
- Automatic control of actuator positions
- Accurate profile measurement

See references and case stories at tasowheel.fi/tasowheel-systems/references

