

web tension controller



SYSTEM FOR THE AUTOMATIC WEB TENSION REGULATION

Renova Web Tension Controller is suitable for various applications in both closed-loop and open-loop systems.

Renova Web Tension Controller reads the input signal from the load cells (or dancer roller), compares the web tension value with the predetermined reference "set point" and gives the input to the brake (or motor) to adjust the web tension.

It stands out for its user-friendly design, compact structure, and exceptional versatility, enabling it to reliably meet a wide range of operational requirements.

USER-FRIENDLINESS

Comprehensive PID control with a focus on ease of use and intuitive configuration.

EXTREME VERSATILITY

Programmable acceleration and deceleration time instead of the set point.

COMPACT AND EASY TO USE

Thanks to the high-resolution interface, interaction with the system is highly intuitive and immediate.

HIGHEST RELIABILITY

Non-stop roll change management program.

TECHNICAL DATA

Voltage supply	24 Vdc ($\pm 10\%$)
Power	8W max
Analog input 0÷20 mV / 4÷20 mA	1 max nr 2 load cells
Analog inputs 0÷10 V	1 dancer roller or remote setpoint or line speed
Digital inputs 24 V	2 remote controls
Analog output 0÷10 V / 4÷20 mA (or 0÷8 V for T-one.28)	1 PID torque control
Analog output 0÷10 V	1 tension proportional or dancer roller piston control
PWM output -1÷1 A	/
Digital relay outputs 24 Vdc / 24 Vac	2 for alarms
IP protection class	IP20 - Case / IP52 - Front Panel
Working temperature	0÷50 °C
Weight	400 g

DIMENSIONS

