



# TT-25

Web tension controller

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Extreme responsiveness. Absolute precision. Advanced connectivity.



✓ **High speed**  
in web tension control

✓ **Absolute precision**  
in controlling the desired torque

✓ **User-friendly**  
4" touch screen display and intuitive interface

✓ **Connectivity**  
PROFINET and EtherCAT fieldbus

✓ **Reliability**  
in any production process

|                                       |                                |
|---------------------------------------|--------------------------------|
| Power supply                          | 24-36 Vdc                      |
| Regulation cycle                      | 1 ms                           |
| Load cells analogue input             | 0-80 mV o 0-50 mA              |
| Configurable analogue output          | 1 (PID regulation)             |
| Analogue output 0-10 Vdc              | 1 (auxiliary)                  |
| Current analogue output               | 2 (electromagnetic brakes)     |
| Analogue inputs 0-10 Vdc              | 3                              |
| Analogue inputs 0-10 Vdc / 4-20 mA    | 1                              |
| Opto-isolated digital inputs 24 Vdc   | 6 (status control)             |
| Digital relay outputs 24 Vdc / 24 Vac | 2 (alarms/solenoids)           |
| Fieldbus                              | PROFINET o EtherCAT (optional) |
| Working temperature                   | 0-50°C                         |
| IP protection class                   | IP20                           |
| Dimensions                            | 104 x 104 x 50 mm              |

TT-25 is the new Re web tension controller, designed to ensure maximum stability and accuracy in all phases of the productive process.

At its core lies an enhanced P.I.D. algorithm, optimized to deliver ultra-fast response times and precise control even in low-torque applications. This ensures constant web tension under any working condition, improving product quality and reducing waste.

The 4" full-color touch display offers an intuitive interface, making parameter configuration and data monitoring simple and immediate, even for less experienced operators thanks also to the multilingual support.

Compatible with both load cells and dancer rollers, TT-25 seamlessly adapts to any application and integrates into modern, interconnected production environments using PROFINET and EtherCAT fieldbus.



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