

TROESTER WeighScale



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Continuous product weighing and measuring system

High quality machinery made by TROESTER is our core competence and the first step to serve our customers with solutions to improve their tire component manufacturing. Our aim is to co-operate with our customers for continuous improvement by acting as their system solution provider. TROESTER WeighScale (WeighScale+, WeighScale+C) is one key component of our extrusion system.

Benefits for our customers

- > Compound saving
- > Tight product tolerances
- > Tread weight reduction
- > Dynamic verification capability

Facts and Figures

- > Precise weight measurement (static accuracy: $\pm 1\text{g}$, dynamic accuracy: $\pm 1,5\text{g}$)
- > Temperature control and stabilization of measurement equipment
- > Compensation of measurement deviation caused by temperature, airflow or vibration

- > OPC data interface to line control
- > XFC technology for high speed measurement $< 1\text{ms}$ ($< 1\text{mm}$ at 60m/min line speed)

Applications

- > Online quality assurance of weight
- > Closed loop control of extruders and downstream
- > Up to 60 m/min line speed

Option WeighScale+

- > Automated test routine to verify the static and dynamic weight accuracy
- > Integrated software tools for static process control and measurement system analysis

Option WeighScale+C

- > Automated inline system for monitoring of chimney strip according to WDK guidelines 110
- > Fast continuous online quality assurance of chimney (antenna) strip

TROESTER

EXCELLENCE IN EXTRUSION.