Q-VOLUMETRIC

POWERED BY maestro Process Optimization AGGREGATES.MINING.RECYCLING.

A REVOLUTIONARY TOOL TO MONITOR YOUR PRODUCTION

MA-ESTRO'S OPTICA BELT SCALE is a contact free volumetric scanner.
Using the latest laser technology, it effectively scans the material crossing the belt with highest measurement accuracy. Whether your conveyor is stationary or on tracked equipment, you can rely on the precise production data unaffected by external conditions.
Once calibrated, the sensor scans and measures the material on the conveyor, and in real-time, wirelessly transmits the data to your handheld device.

Q-VOLUMETRIC

THE HIGHEST ACCURACY THANKS TO THE LASER TECHNOLOGY

HIGH ACCURACY

EASY TO INSTALL

CONVEYOR ALIGNMENT CONTROL

LOW MAINTENANCE

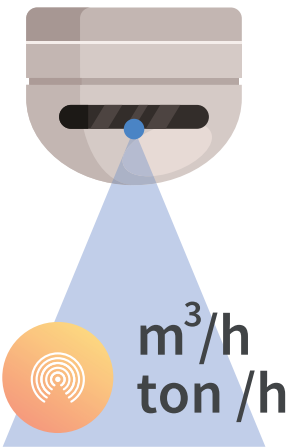
ROBUST AND RELIABLE

WEATHER AND DUST RESISTANT

Q-VOLUMETRIC

A VERSATILE AND RELIABLE TOOL FOR MULTISECTOR APPLICATIONS

Q-VOLUMETRIC

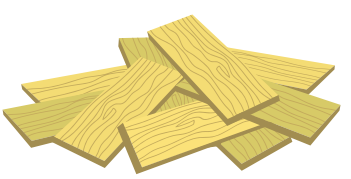


QUARRIES AND AGGREGATES

PLASTIC RECYCLING

ORGANIC WASTE RECYCLING

METAL RECYCLING

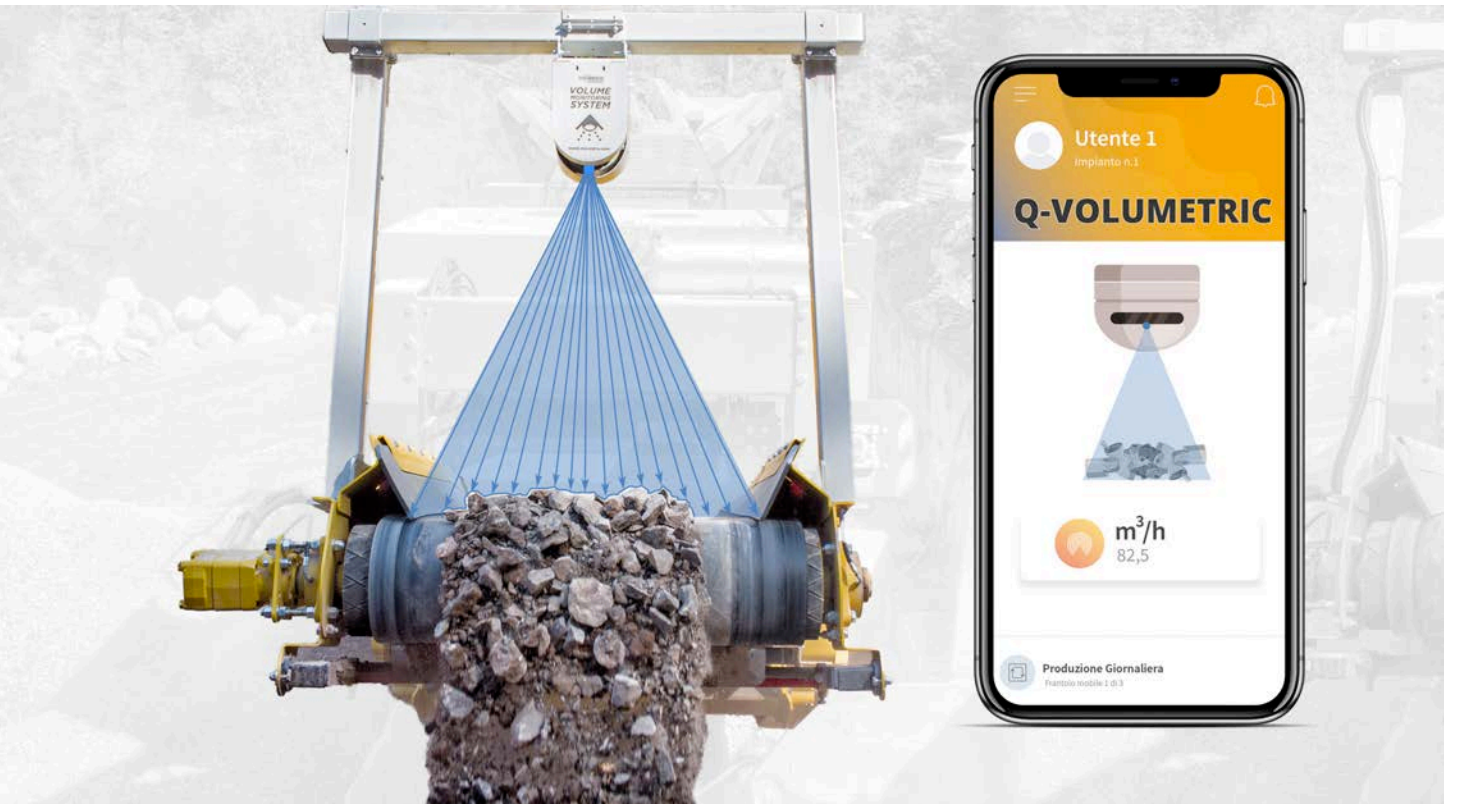


WOOD RECYCLING

E-WASTE RECYCLING

Q-VOLUMETRIC

EXPERTISE, QUALITY AND EFFICIENCY



SPECIFICATIONS

OPTICAL BELT SCALE

Suitable for both rubber and metal conveyor belts
High accuracy
Contact-free measurement
Supply voltage scanner/heater: 24V DC +/- 20%, 2A 5A
Working range: 0.7m ... 20m
Encoder for conveyor belt speed measure
Communication protocol: TCP/IP / RS232 / RS422 etc
Multi-echo pulse evaluation produces highly reliable measurements
Wide ambient operating temperature range (-30°C ... +50°C)
Compact IP67 rated housing

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