

Integrated 3D vision measures and verifies every cut and bend, directly on your production line.

If measurement isn't built into the system, errors surface downstream as rework, delays, and disruption.

TOGGLE ENABLES

AUTOMATED CALIBRATION

Measure accuracy, drift and deviation in real time

No manual checks, tape measure or operator guesswork

ROBOTIC HANDLING

Use actual bar geometry to guide downstream automation

Reliable data for picking, placement, and processing

DIMENSIONAL QC

Verify every bar before it leaves fabrication

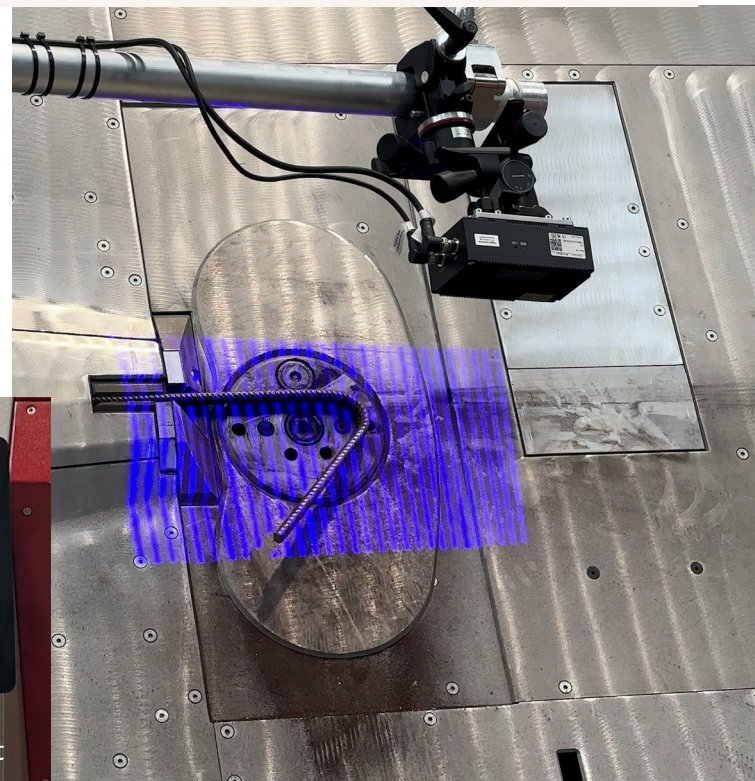
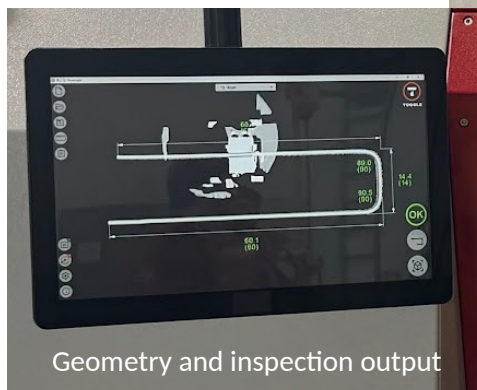
Catch errors at the source, not downstream

HOW IT WORKS

- Expected geometry (BVBS) provided by your machine
- Each bar scanned in-line using 3D vision
- Actual geometry measured in real time
- PLC receives structured output (pass/fail, geometry, deviation)
- Your system uses this data for calibration, handling, and QC

WHAT'S INCLUDED

- 3D scanning hardware
- Vision software
- PLC integration (SDK)
- Commissioning support
- Per-machine license



TOGGLE DELIVERS

Certainty on every part

Every bar measured during production

Traceability on every job

Measurement record tied to each part or batch

Proof when issues arise

Recorded data available for validation and claims

Get started

See how Toggle fits into your system.

20-minute scoping call → integration approach, hardware placement, and data flow.

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