

Verify every bar before it leaves your shop with integrated 3D vision technology.

Manual measurement misses defects. Bad bar ships. It comes back as rework, backcharges, and lost margin.

TOGGLE ENABLES

INLINE QC

Catch defects before they leave the shop.

Verify every bar against spec at the exit station.

JOB TRACEABILITY

Know exactly what was produced for every job.

Per-bar measurement record tied to each PO.

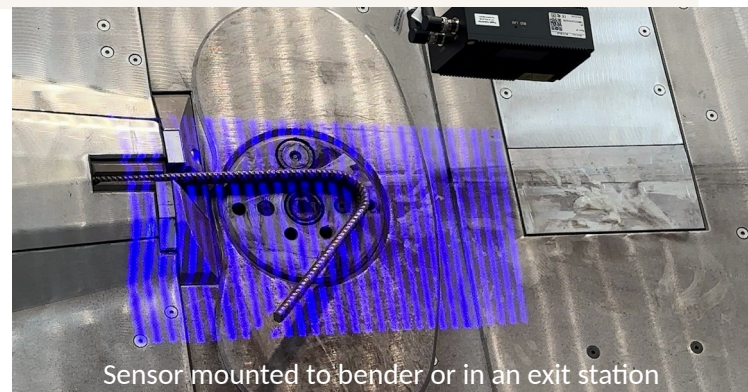
PROOF

Proof when a backcharge hits.

Recorded measurement data tied to each bar and job.

HOW IT WORKS

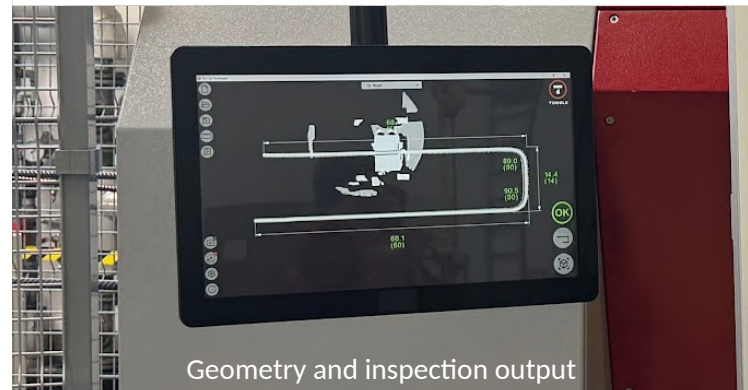
- Spec and tolerance loaded for each SKU or job
- Each bar scanned in-line as it exits the line
- Actual geometry compared to spec in real time
- Pass/fail flagged, measurement record saved per bar
- Records ready to export to your MES, QC system, or PDF



Sensor mounted to bender or in an exit station

WHAT'S INCLUDED

- Sensor and vision software, turnkey
- Spec and tolerance setup per SKU or job
- Dashboard: pass rate, reject reasons, dimensional trends
- Export to MES, QC system, or PDF
- Commissioning support



Geometry and inspection output

TOGGLE DELIVERS

Certainty before it ships

Verified geometry, bar by bar. Catch defects at the shop, not the site

Traceability on every job

Measurement record per bar. Hand it to the GC, attach it to the PO

Proof when a claim hits

Saved measurement data. Argue from records, not memory

Supports high-spec jobs — precast, nuclear, infrastructure — where verification is required.

NEXT STEP

See how Toggle fits on your line.

20-minute scoping call → line walk, exit station placement, and integration plan.

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