GlobalGauge CORPORATION

GGC Vision System Solutions

Mult Width Gauge

Mult Width Measurement

Key Benefits

Safety

Removes an operator from a manual measurement routine, distancing them from the post-slit mults

Quality

Provide a more reliable and repeatable method of mult width measurement

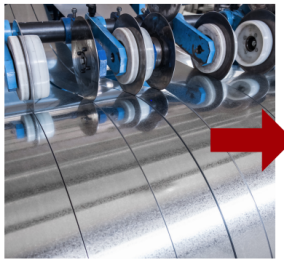
Allows for a length-based full coil width measurement for each post-slit coil

Production

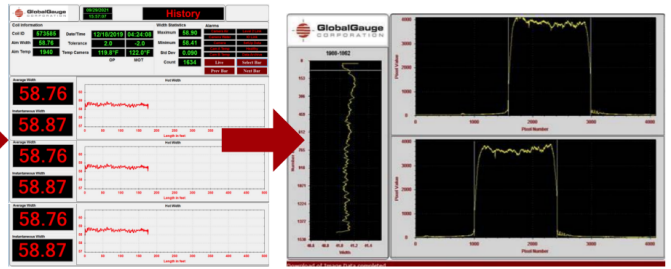
Saves valuable production time by automating a manual measurement

EXAMPLE: MULT WIDTH MEASUREMENT

WHAT INFORMATION CAN YOU GET FROM A GLOBAL GAUGE MULT WIDTH MEASUREMENT SYSTEM?



Examples of Mults to be measured by GGC Mult-Width Measurement System



Configured HMI and Reports Give Real-Time Mult-Width Data of Strip

Automating the Width Measurement Process Guarantees Premium Quality and Accurate Reporting of Your Production Process.

Mult Width Measurement

Operation Procedure

Setup

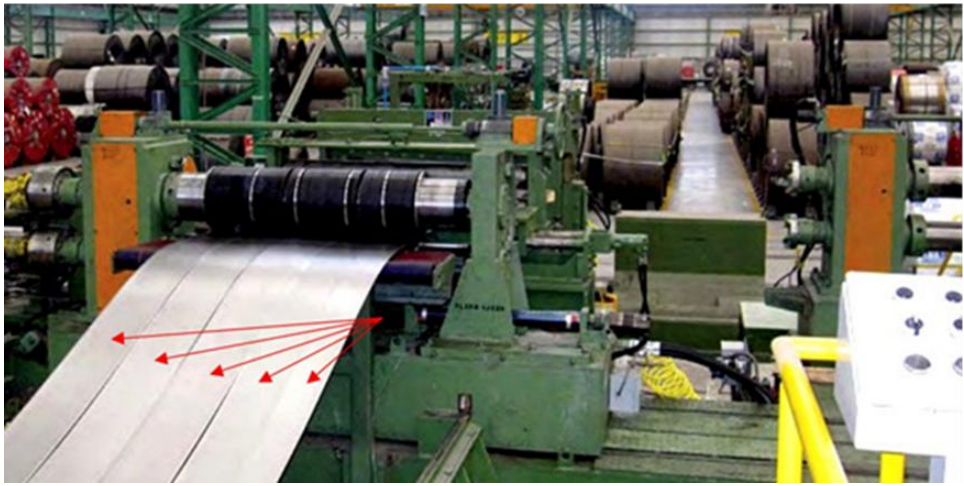
Customer sets up new coil in slitting line process

Measurement

The GGC gauge automatically and accurately measures the width of the post-slit mults
Allows for a length-based full coil width measurement for each post-slit coil

Reporting

Data is verified with coil setup parameters & stored per coil
Data can also be stored for entire length



Mult Width Measurement

System Components

Stereoscopic-Camera Assembly (SCA)

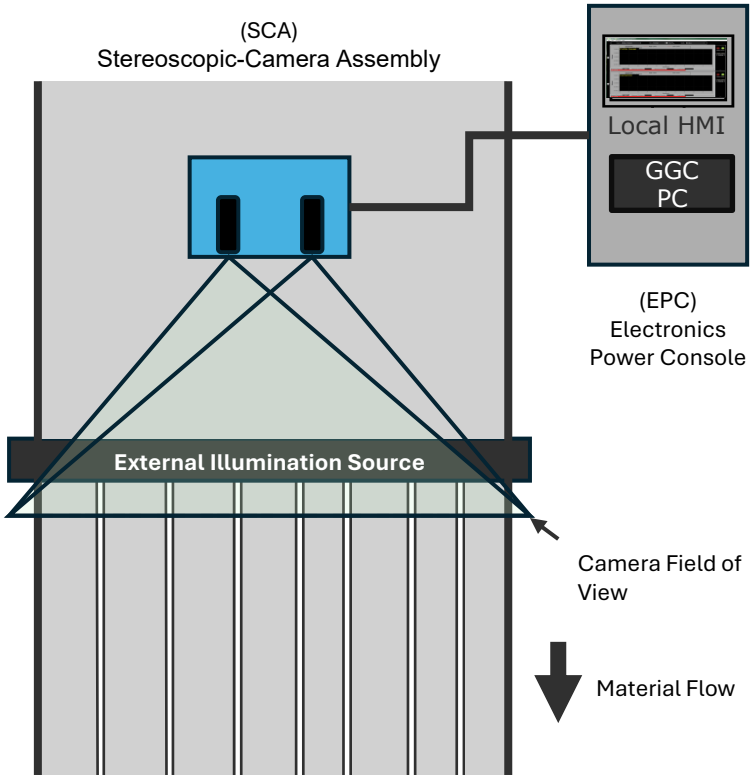
A pair of industrial line-scan cameras with an overlapping field of view of the strip.

Electronics Power Console (EPC)

The electrical cabinet containing the PC for image processing as well as the necessary I/O and communication modules.

External Illumination (Backlight)

The location of installation will need to be evaluated for adequate lighting. An external illumination source will be provided, as needed. For accuracy and reliability purposes, a backlight will be required.



Mult Width Gauge ROI Analysis

Quantifying Uptime, Quality, and Revenue Gains for Slitting Operations

Coil Loss Avoidance

Typical CRC coil weight: ~15 MT
Current CRC price (Jan 2026): ~₹64,000/MT
Slit into ~10 mults per coil
Value per slit coil: ~₹96,000 (~$1,100 USD)

Bad setup causing 1 lost slit coil/month:
Annual savings: ₹11.5 Lakhs (~$13,200 USD)

Uptime & Throughput Gain

Manual measurement: ~5 min/coil (stop, measure, record, restart)
Coil cycle: ~30 min → 5 min = 16.7% downtime per coil
24/7 operation: 48 coils/day → 240 min lost daily
Annual measurement downtime: 1,460 hours

Automated = near-zero measurement downtime
Recover ~8 additional coils/day of capacity

Revenue Impact Summary

43,800 MT/yr	₹280 Cr/yr	₹2.8 Cr/yr
Recovered Throughput (8 coils/day x 15 MT x 365)	Potential Revenue at ₹64,000/MT	Even 1% efficiency gain from eliminated stops

Assumptions: 15 MT avg coil, CRC ₹64,000/MT (JPC Delhi Jan 2026), 10 slit mults/coil, 30-min coil cycle, 5-min manual measurement, 24/7 operation. Revenue figures represent throughput capacity, not guaranteed sales.

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Thank you!

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