



Mate Gauge for Lead Strip

Thickness Monitoring for Battery Plants

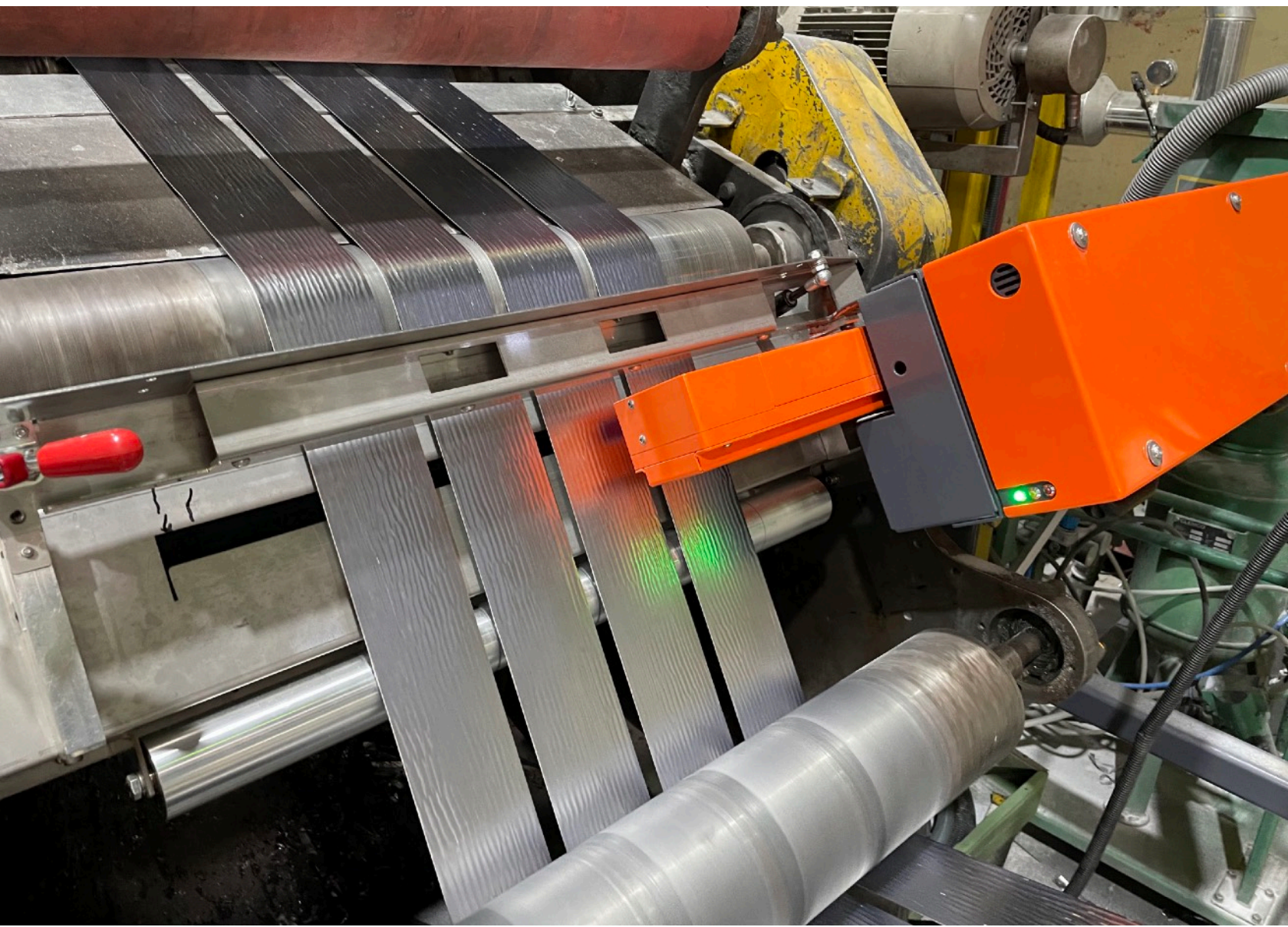


Table of Contents

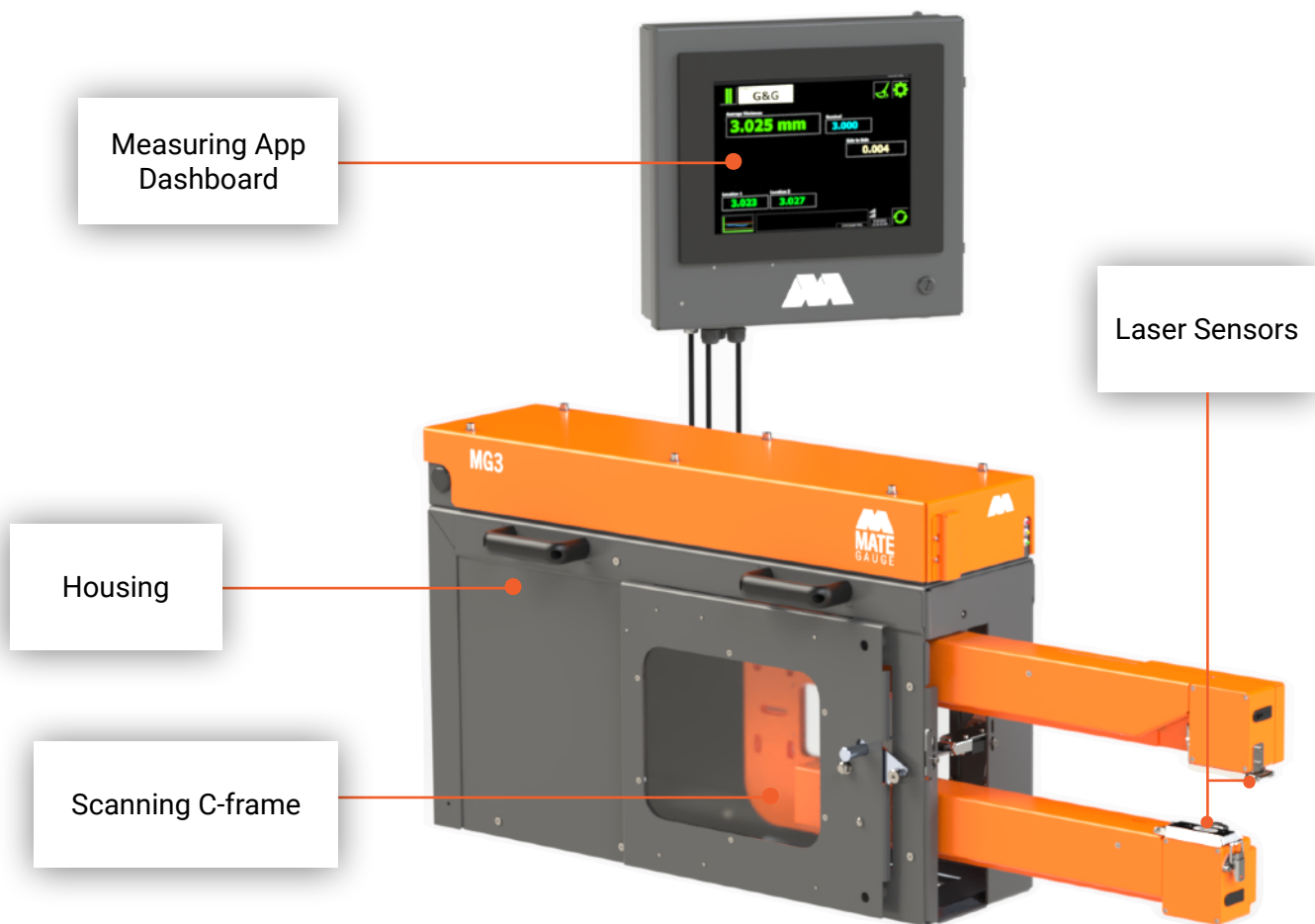
01	MG3 Overview
02	Installation Options
03	Accessories
04	Software
05	Commissioning

PACKAGE OPTIONS

1. MG3 for Cast Lead Strip
2. MG3 for Rolled Lead Strip

01 MG3 Overview

Mate Gauge's lead strip solutions all incorporate our standard **MG3 Thickness Gauge**. Developed in collaboration with industry-leading manufacturers, this unique product is designed to withstand demanding conditions while delivering the precise measurement data essential for lead-acid battery manufacturing.

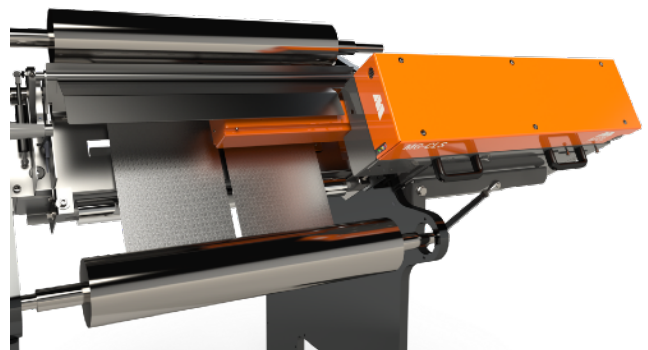
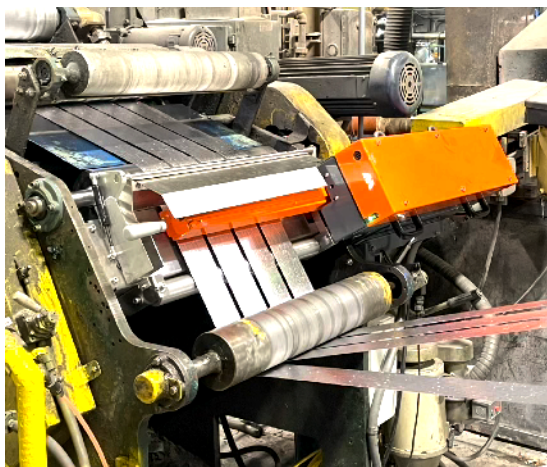


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02 Installation Options

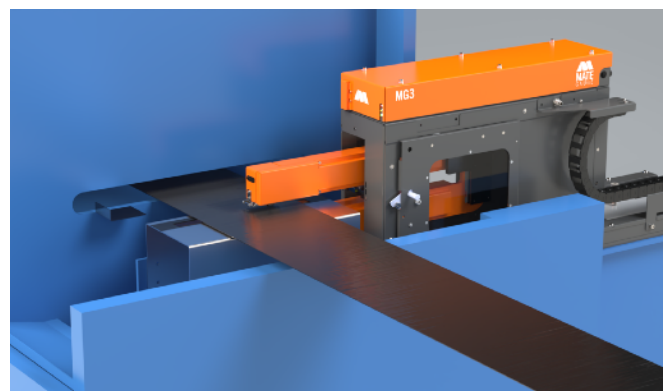
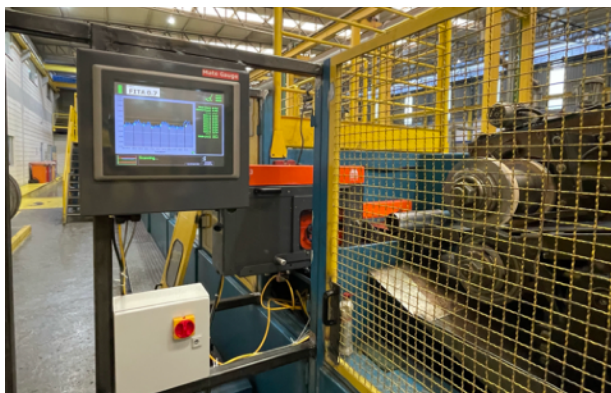
OPTION 1 MG3 for Cast Lead Strip

Mounts directly to the caster, optimizing floor space. Perfect for measuring multiple strips.



OPTION 2 MG3 for Rolled Lead Strip

Integrates into the line for thickness readings of rolled lead strip.

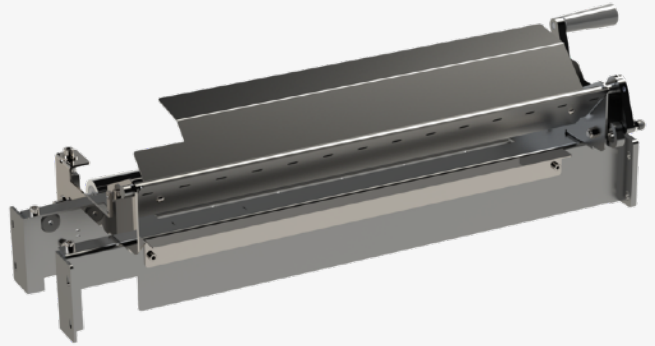


03 Accessories

MG3-CLS Shield Assembly

Protects c-frame and threads strip at start-up

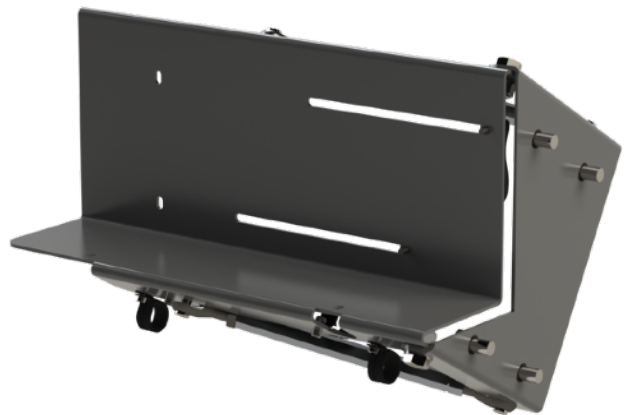
P/N: 10041500



MG3-CLS Mounting Bracket

Easily mounts gauge to the caster side-wall and provides retraction to simplify maintenance.

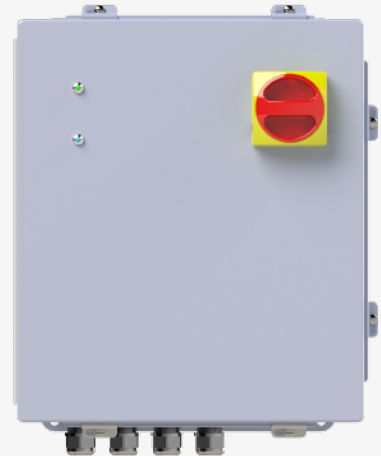
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Analog Thickness Controller

The analog thickness controller allows for a closed-loop system. All digital PLC closed-loop is also available.

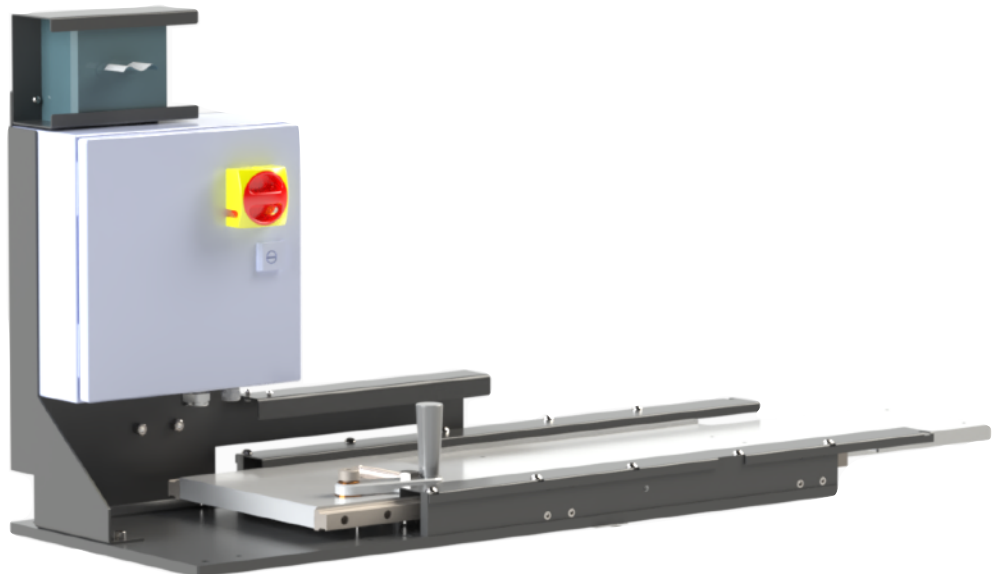
P/N: 10041729



MG3-RLS Shuttle

Mounts MG3 onto lead rolling lines. Provides sliding motion for cleaning and maintenance

P/N: 10044015



04 Software

Strips App

The Strips app is used for scanning incoming strips. This app method takes a continuous scan across the strip and provides details for each individual segment of strip along the incoming material.



RLS App

The Rolled Lead Strip app is specifically applicable to lead strip rolling lines. The c-frame travels to three preset locations (typically edge, centre, edge) and measures thickness in those locations for a determined amount of time.

05 Commissioning

Mate Gauge provides comprehensive support services to ensure optimal performance of your MG3 system. From initial setup to ongoing maintenance, our team is committed to your success.

- **Remote Commissioning:** Provides online setup guidance and remote diagnostics to ensure proper system functionality.
- **On-site Commissioning:** An Application Engineer is physically present to oversee installation, testing, and system handover.

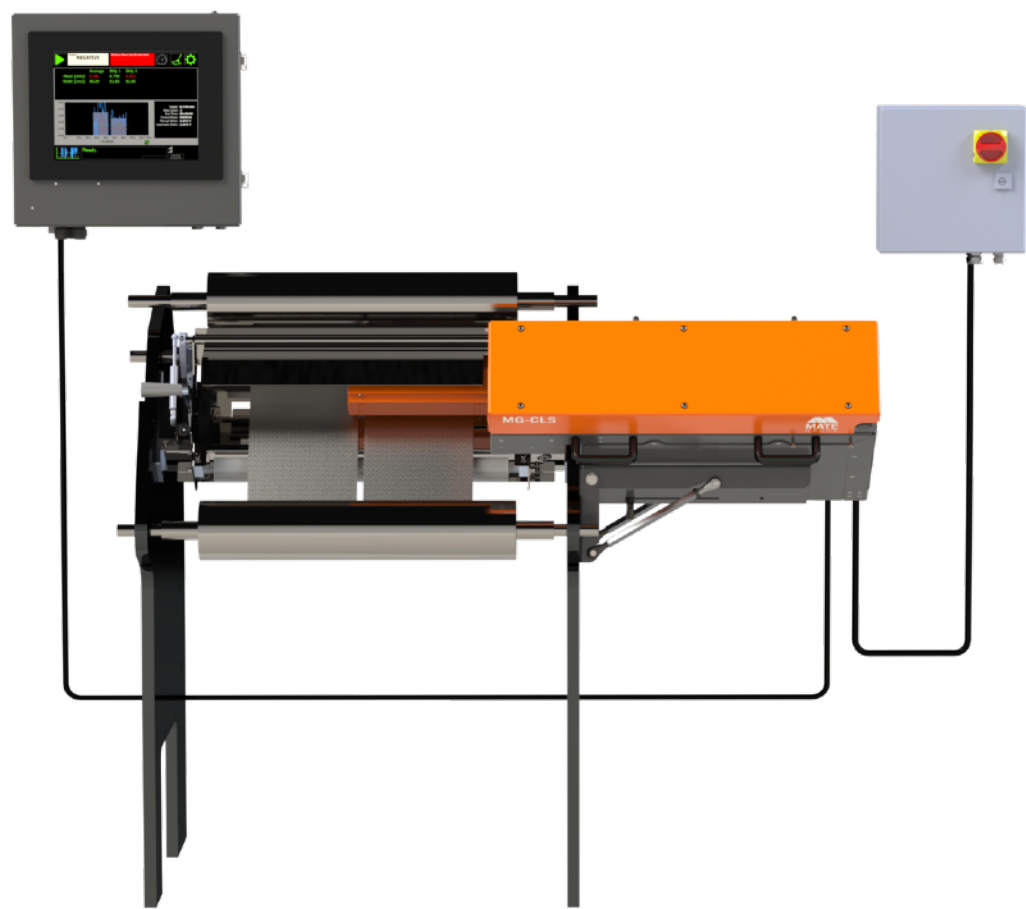
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P/N: 1004534

Outside North America
P/N: 1004530

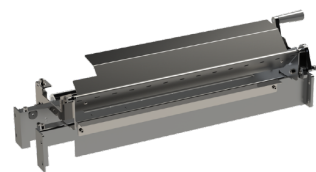
Remote Commissioning
P/N: 10044022



PACKAGE 1 MG3 for Cast Lead Strip



MG3-CLS

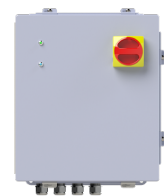


Shield Assembly

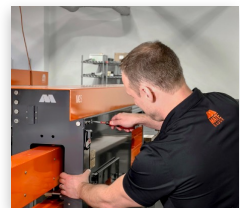


Mounting Bracket

Part Name	Part Number	Notes
MG3-CLS	10041500	
MG3-CLS Shield Assembly	10042603	Included
MG3-CLS Mounting Bracket	10041455	Included
Analog Thickness Controller	10041729	Optional
Commissioning:		
North America	1004534	
Outside North America	1004530	
Remote	10044022	



Analog Thickness
Controller

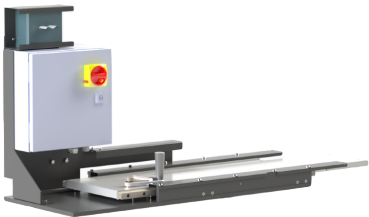


Commissioning

PACKAGE 2 MG3 For Rolled Lead Strip



MG3



MG3-RLS Shuttle



Commissioning

Part Name	Part Number	Notes
MG3-RLS	10042900	
MG3-RLS Shuttle	10044015	Optional
Commissioning:		
North America	1004534	
Outside North America	1004530	
Remote	10044022	



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