**Objective**

A producer and distributor of cut-to-order aluminum sheets and rods needed to expand and upgrade their outdated marking capabilities to meet the demand of their loyal customers.

- Limited messaging flexibility
- Limited to four printheads
- Customers requested more rows of marks on a single aluminum sheet

**Solution**

Matthews replaced the outdated printheads with eight of its 8000+ 7-valve midi drop-on-demand printheads.

- Quality at High Speeds
- Highly Scalable
- Unlimited Control

8000+ drop-on-demand printhead

6-billion cycles before tuning is required

The MPERIA platform was selected to centralize control of the aluminum processor's line to send recipe data directly.

**Results**

- Printheads are adjustable across the width of the sheets, supporting different sheet sizes.
- MPERIA® user interface is much easier to navigate and use than the previous controller.

"Since the installation, the company has documented lower ink consumption per printhead while maintaining the same level of mark quality."

— Aluminum Processor