

THE FLOOR IS YOURS.

Transform your rollforming operations with real-time Manufacturing Execution System (MES) intelligence for complete control and visibility of every machine on your shop's floor.

UNLOCK HIDDEN CAPACITY. ELIMINATE WASTE. DRIVE PROFIT.

Operational efficiency and profitability isn't about working harder. It's about working smarter. And Eclipse Pro from AMS — a real-time Manufacturing Execution System (MES) — is the brain power you need to know what rollforming machines have the capacity to drive higher throughput rates, where you can reduce scrap rates and material/tooling changeovers, and helps you turn downtime into uptime as every operator becomes your best operator. The key to unlock all this potential for Industry 4.0 functionality is Eclipse Pro.

10-25%

INCREASE IN THROUGHPUT

20-40%

REDUCTION IN DOWNTIME

15-30%

SCRAP REDUCTION





GREATER CONTROL LEADS TO GREATER PROFITABILITY.

The features in Eclipse Pro help you achieve optimal control of order and part data, scheduling, coil selection, machine setup, and data collection. These are mistake-proofing tools that give you more than just a competitive advantage during the manufacturing process. It makes every operator your best operator. Because if you're not making mistakes you're making more money. **A lot more.**

SEE HOW YOUR SHOP CAN GO FROM WORKING HARDER TO WORKING SMARTER.

VISIBILITY

Interconnect machines, operators and the front office for automation efficiency that can reduce paper waste alone by up to \$100K per year.

COIL VALIDATION

Prevent costly mistakes by first verifying the right coil for the right job.

DOWNTIME

Process and production flaws are now clearly visible for process improvements that can reduce coil change times from 15 minutes to 3 minutes.

SCRAP

Gain data insights into coil usage that have allowed Eclipse Pro users to go from 3% down to 0.4% total scrap rates.

MISTAKES

Replace manual and paper processes with automation that can increase production by 1,500 ft. per day.



Drag & Drop Scheduler

- Drag jobs from the queue to machines with a single click. Filter and sort by product, customer or due date.
- View real-time status on every machine, OEE and scrap rates before scheduling. Prevent assigning jobs to locked or stopped machines.
- "Auto-Push" keeps machines loaded automatically. Reduces manual planner workload and scheduling errors.
- Track job progress live by footage and time remaining. Instantly re-balance work across machines as demand shifts.

Predictive Scheduling

- Estimated job completion times to know exactly when machines will be free.
- Give customers accurate delivery ETAs with confidence for accurate communication with customer service and shipping.
- Floor teams see what's next before it happens, when the next job begins and if production is on track.
- Prep coils, tooling, and materials ahead of schedule.
- Forecasts get smarter as real performance data accumulates to improve customer satisfaction and reduces internal confusion.

Orders Management

- Keep order details, production data and machine settings all connected.
- Alerts prevent missing data from reaching the shop floor.
- Data driven detailed production logs trace every production event.
- Orders move smoothly from planning to scheduling to production.

Inventory Management

- Always know what material and coil inventory you have and what's left.
- Link material demand directly to active jobs on the shop floor.
- Track every coil from warehouse to finished part ready for shipping.
- Data is live and updates in real time to Eliminate manual data entry and update delays.

Automated Reporting

- Detailed data packed reports on high-level KPIs, trends and exceptions.
- Receive daily line performance, throughput, and downtime summaries on every machine on your shop floor.
- Get runtime, fault and utilization data to plan proactive maintenance.
- Receive shift-level performance and issue visibility into every machine to keep your shop at the highest level of productivity during every shift.

Punch Patterns

- Build patterns in minutes, not hours for increased labor savings.
- Visual interface eliminates guesswork and costly mistakes.
- Automatic shape-based layout saves time and tooling.
- Macros and solutions simplify long-term updates and repetitive programming



Take your shop's production management game to the next level.
Call (314) 344-3144 or visit www.amscontrols.com/eclipsepro-upgrade

SCAN TO LEARN MORE
OR REQUEST A DEMO

