

# REAL-TIME LASER & SHEET PROCESSING INSIGHTS

## ANSWERS THAT MATTER

Laser cutting machines are expensive to run—and even more expensive to leave idle. But most sheet metal shops don't have clear, real-time answers to questions like:

- How long did that nest actually take to run?
- Why is that flat laser sitting idle again?
- Are we hitting our machine's capacity—or wasting it?

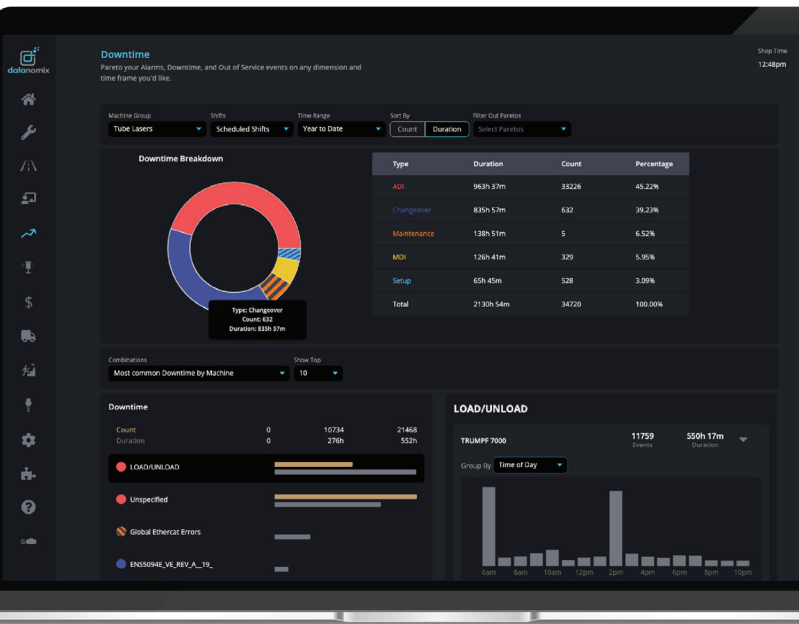
We connect directly to your flat lasers, tube lasers, press brakes, CNC punches, waterjets, and more—no operator input necessary—giving you the visibility and insights needed to keep jobs flowing and capacity maximized. Compare standards vs. actuals, uncover hidden inefficiencies, and make confident, real-time decisions based on what's actually happening on the floor.

## Laser Nest Tracking

Track total nest time or individual parts and compare it to the programmed times in Radan or other CAM software. Pull in machine laser metadata, such as beam intensity, telemetry, and voltage, for deeper insights into machine behavior and part quality.

You'll get automatic reporting on:

- Job Start/End Times
- **Total Downtime (with reasons)**
- Number of Nests / Programs Run
- Average Time per Nest
- Average Sheet Change Time



TRUMPF LASER DOWNTIME REPORT

Datanomix automatically logs and categorizes downtime reasons, including (but not limited to):

- Alarm codes
- Tip changeovers
- Material Exchange Time

New Datanomix Customers Dramatically Reduce Machine Downtime By

**20%**

## Capacity Planning & OEE

Get a clear picture of machine utilization across your floor. Know which lasers are performing—and which ones need attention. Use real performance data to:

- Improve scheduling
- Maximize throughput
- Reduce unplanned stops

## Accurate Quoting, Smarter Scheduling & Better Planning

It's one thing to win a job, but another to make money on it. Datanomix provides a fully automated part profitability analysis for everything you've ever made, so you can fine-tune estimates, track on-time delivery, and plan with confidence. We integrate with any ERP or estimating tool—and offer built-in connections to Paperless Parts, Fulcrum and ProShop ERP.

## Maintenance & Tip Wear Monitoring

Stay ahead of wear issues before they impact quality. Track run time since the last tip change to avoid issues like:

- Inconsistent cuts
- Warped parts
- Overheating and scrap

**"I didn't expect to get part-level data this fast. This is game-changing for our estimating."**

Josh Cook, President, Right Angle Steel

**10X**

Annual ROI Per Machine

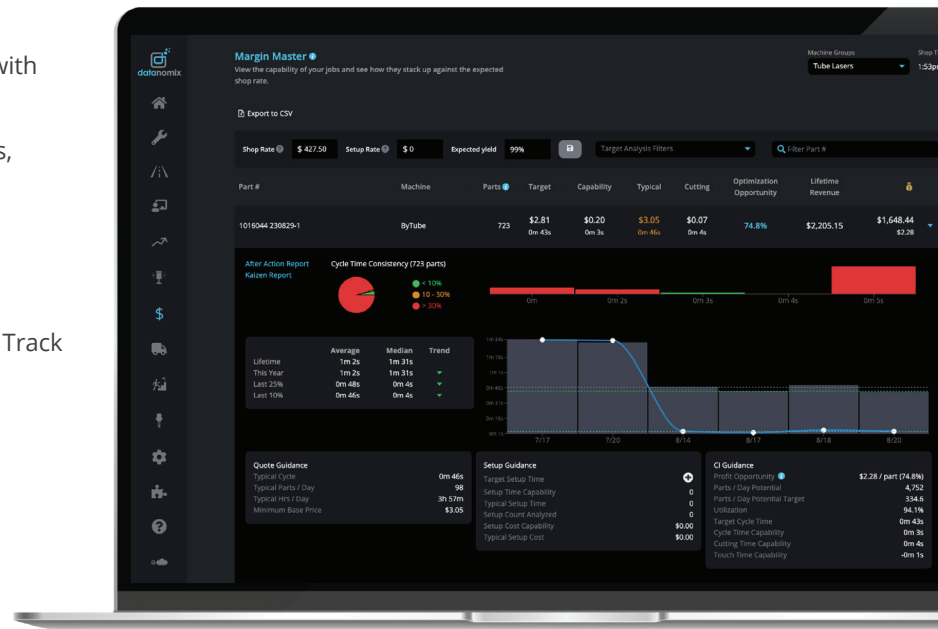
**30%**

Decrease in Common Waste

**41%**

More Uptime

**PILOT RESULTS**



MARGIN MASTER OPTIMIZATION OPPORTUNITY

## TRUSTED BY SHOPS LIKE YOURS

Datanomix is already helping leading sheet metal fabricators:



BEMIDJI STEEL COMPANY



## SEE IT IN ACTION

Let's schedule a quick demo and walk through our "Prove It" Pilot Program, designed to deliver immediate ROI and show what's possible with your laser machines.



REQUEST YOUR DATANOMIX PILOT