LEFT HAND ENGINEERING

Making the Right Capital Investment

Turning a Capital Expenditure Into Immediate Manufacturing Capacity

2 MONTHS
Project Duration

DAY-ONE PRODUCTION
Machine Making Parts the Day It Was Delivered

1 YEAR
Customer Lifetime Engagement

ABOUT THE CLIENT

A Wisconsin-based manufacturer seeking continuous improvement. The company wanted to invest its capital wisely to remain competitive and increase capacity.

THE CHALLENGE

The company had capital expenditure budget available and wanted to add meaningful value. They knew they needed a CNC press brake, but didn't know what size machine was right for their needs or where it should go within the facility to avoid creating another bottleneck.

OUR APPROACH

- **Analyze the Work:** We studied historical part volume, material requirements, and existing make methods to determine the right machine size and capabilities.
- **Plan the Flow:** We evaluated material flow and facility layout to ensure the new press brake would enhance capacity and keep production moving efficiently.
- **Coordinate the Details:** We coordinated delivery with electricians, riggers, and the shop floor to ensure the facility was ready and the machine could go to work immediately.

THE RESULT

The new CNC press brake was **making parts the day it was delivered.**

Careful planning and cross-functional coordination ensured the company began realizing the value of its investment immediately.

A HIGHER LEVEL OF CAPABILITY

The new technology raised the bar for the type of operator the company attracts. Additional operators can be trained in a few days and run the machine efficiently, strengthening the team for the future.

KEY TAKEAWAY

A well-planned capital investment does more than add equipment—it strengthens your entire operation. The right machine, in the right place, with the right plan, creates value from day one.

SERVICES DELIVERED

- Equipment Evaluation & Sizing
- Process & Capacity Analysis
- Facility Layout & Material Flow
- Installation Planning & Coordination
- Cross-Functional Project Management

PROJECT SNAPSHOT

- **Project Duration:** 2 Months
- **Customer Engagement:** 1 Year
- **Total Customer Investment:** $150k
- **Primary Capability:** Manufacturing Engineering
- **Key Outcome:** Machine making parts the day it was delivered

WHY THIS WORKED

Clear understanding of the end goal and collaboration across all departments ensured everyone was aligned on expectations, timelines, and resources.

By planning every detail before delivery, we eliminated downtime and put the investment to work immediately.