



metalgear
ENGINEERING

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State-of-the-Art Industrial Automation

Delivering efficient, reliable, and modular automated solutions for modern manufacturing.

Founded in 2019,

Metalgear Engineering is dedicated to delivering **top-tier engineering solutions** that drive efficiency and innovation.

We take pride in our commitment to quality, using only the **finest materials** and trusted manufacturers while ensuring cost-effective solutions for our customers.

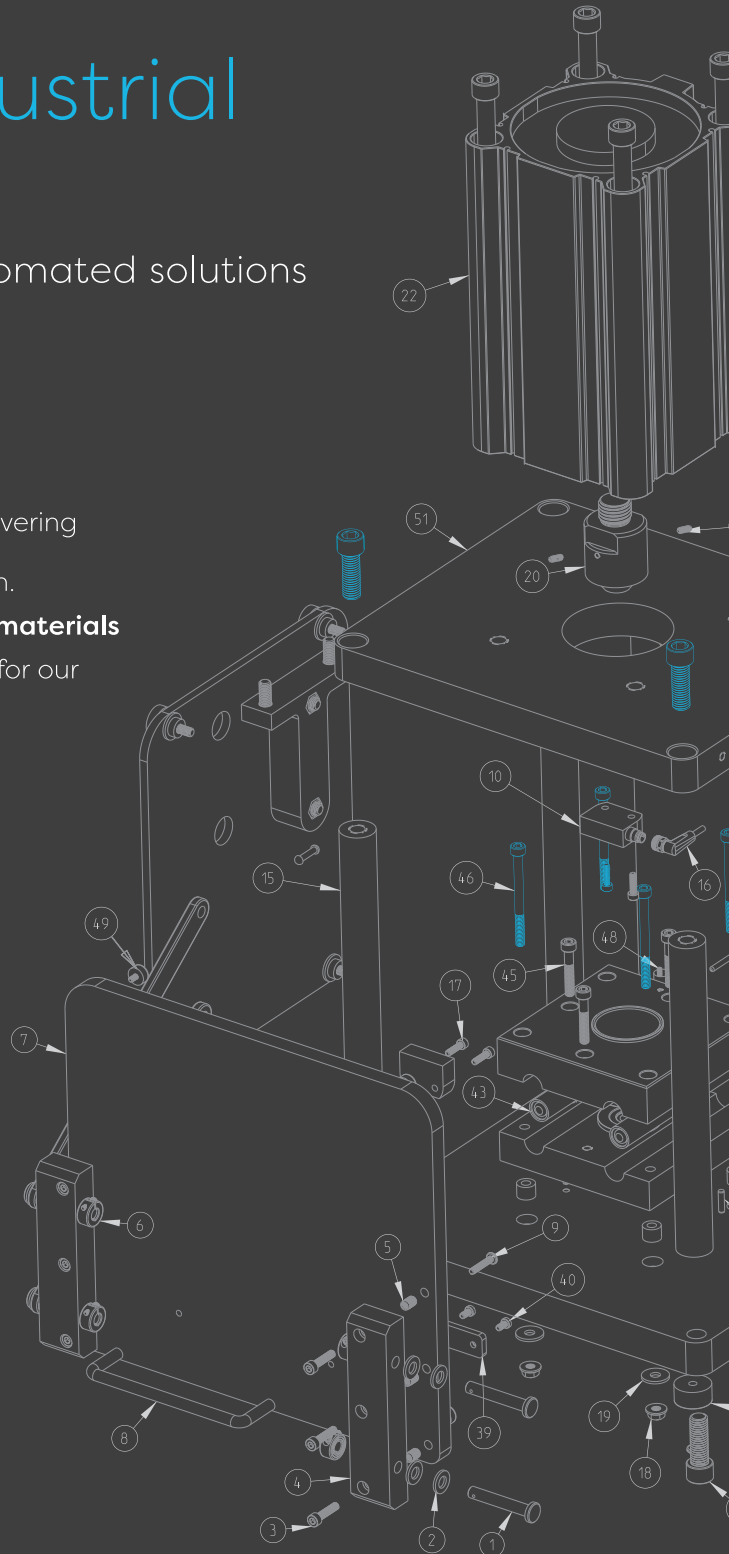
At Metalgear Engineering,

we believe automation unlocks new possibilities,

empowering businesses to thrive in an everevolving world.

Our mission is to streamline processes across diverse industries, enhancing productivity and sustainability **through cutting-edge technology.**

We are committed to providing **innovative machines** and systems that optimize operations, improve adaptability, and set new standards for efficiency.



Design • Assembly • Automation • Innovation

In-house engineering from Start to Finish

Case study

Customer was working with a legacy product of complex parts that had no features for scalable assembly.

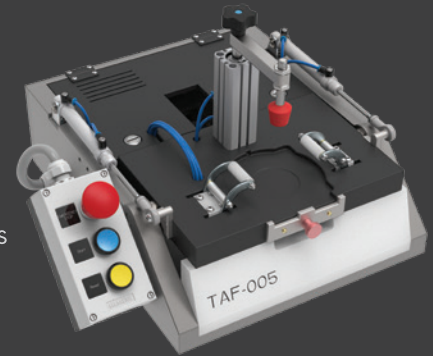
We redesigned their assembly line and improved their process to bring their output from 10 units/day to 100 units/day – a 10X increase in production whilst **dropping labor costs to 40%!**

With the implementation of single-piece flow technology, customized PLC and automated systems, custom work cells, and appropriate tool selection, our customer was able to effectively manage their rising demands while maintaining a competitive edge in the market.

This approach also resulted in an **enhanced level of quality and consistency**, as tasks became more controlled, and technicians experienced reduced strain on their operations.

Innovative Tailored Solutions

- Testing Systems
- Factory Design
- ESD Controls
- Pick & Place
- Workstations
- Process Integrations
- ROI & Takt Time Improvement
- Robotics
- Automated CNC Tending Machines
- Tooling & Fixtures
- Bearing Presses
- Facility Design
- Automated Assembly Lines
- PLC & SCADA
- Control Cabinets



Automated Product Testing



Custom Wiring & Controls



Automated Leak Testing



CNC Tending & Denesting



Ergonomic Work Cells



Bespoke Lifting Systems



One-piece flow production