



LASER WELDING

PROCESSING AT THE SPEED OF LIGHT

- 25% SAVINGS IN FLOOR SPACE**
- 50% INCREASE IN PRODUCTIVITY**
- 30% REDUCTION IN OVERALL COST**

GENESIS-SYSTEMS.COM

A futuristic hallway with blue light beams and a dark floor. The light beams are vertical and create a sense of depth and perspective. The floor is dark and reflective, showing the light beams. The overall atmosphere is high-tech and modern.

**THE POWER
OF LASER
TECHNOLOGIES**

LASER SOLUTIONS



CONSISTENT



RELIABLE



EFFICIENT

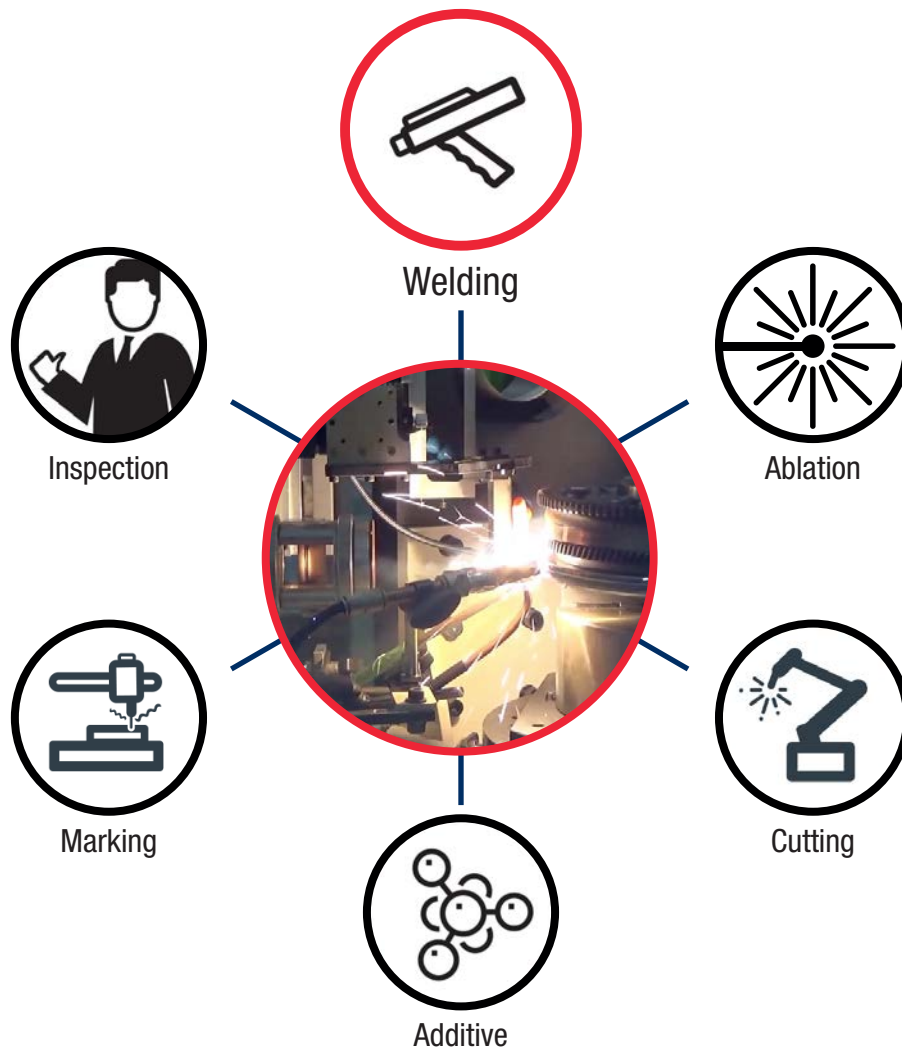


PERFORMANCE



QUALITY

Leveraging the power of LASER technologies, Genesis offers a suite of standard and customized solutions designed to sharpen your competitive edge. With a focus on product and process validation, Genesis will coach you through design transitions to help you maximize your return on investment.

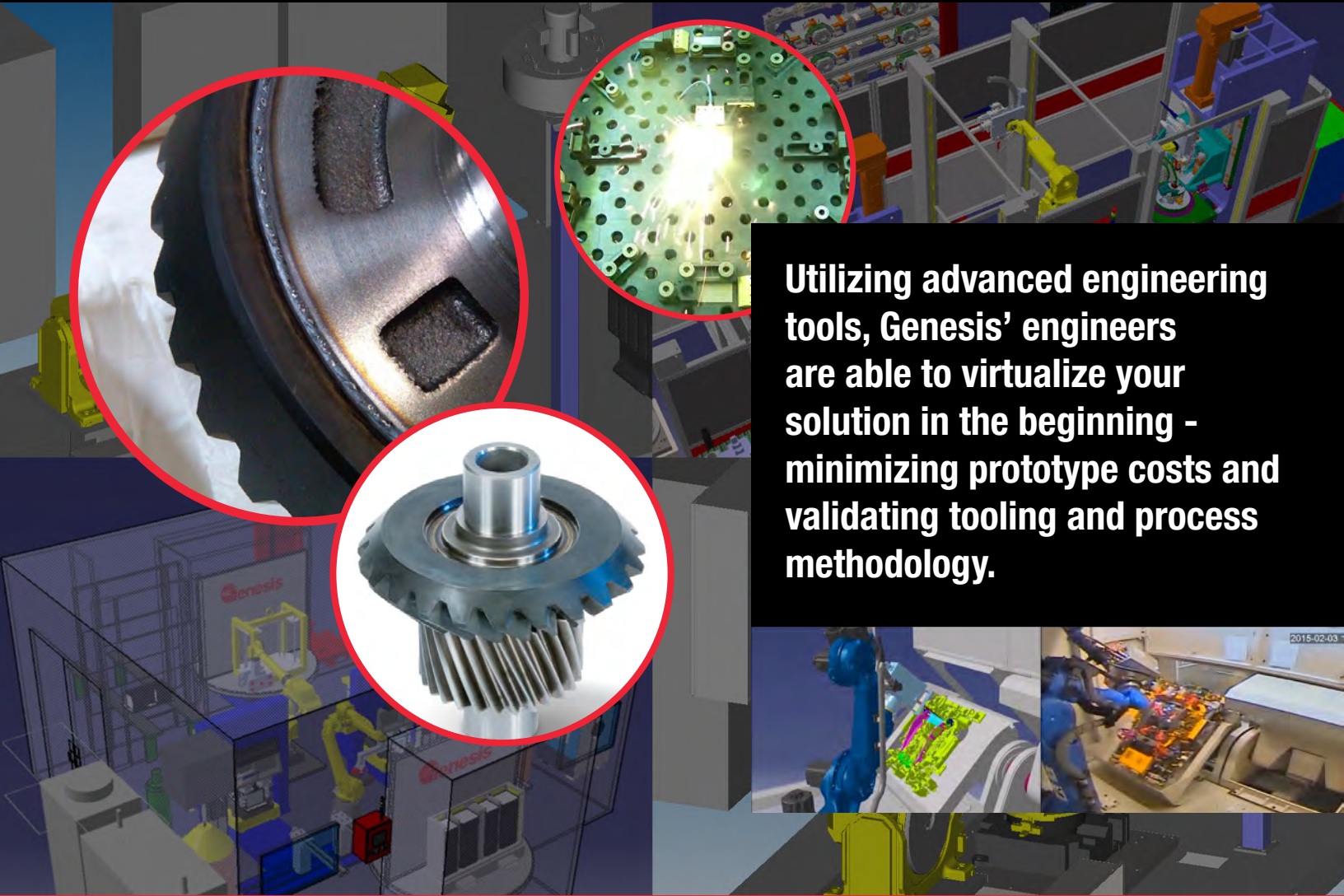


Genesis' Laser Solutions...

Driving Growth - Efficiency, Performance, Productivity

Laser Welding

- OPTIMIZE PRODUCTIVITY
- REDUCE COSTS
- MINIMIZE DOWNTIME



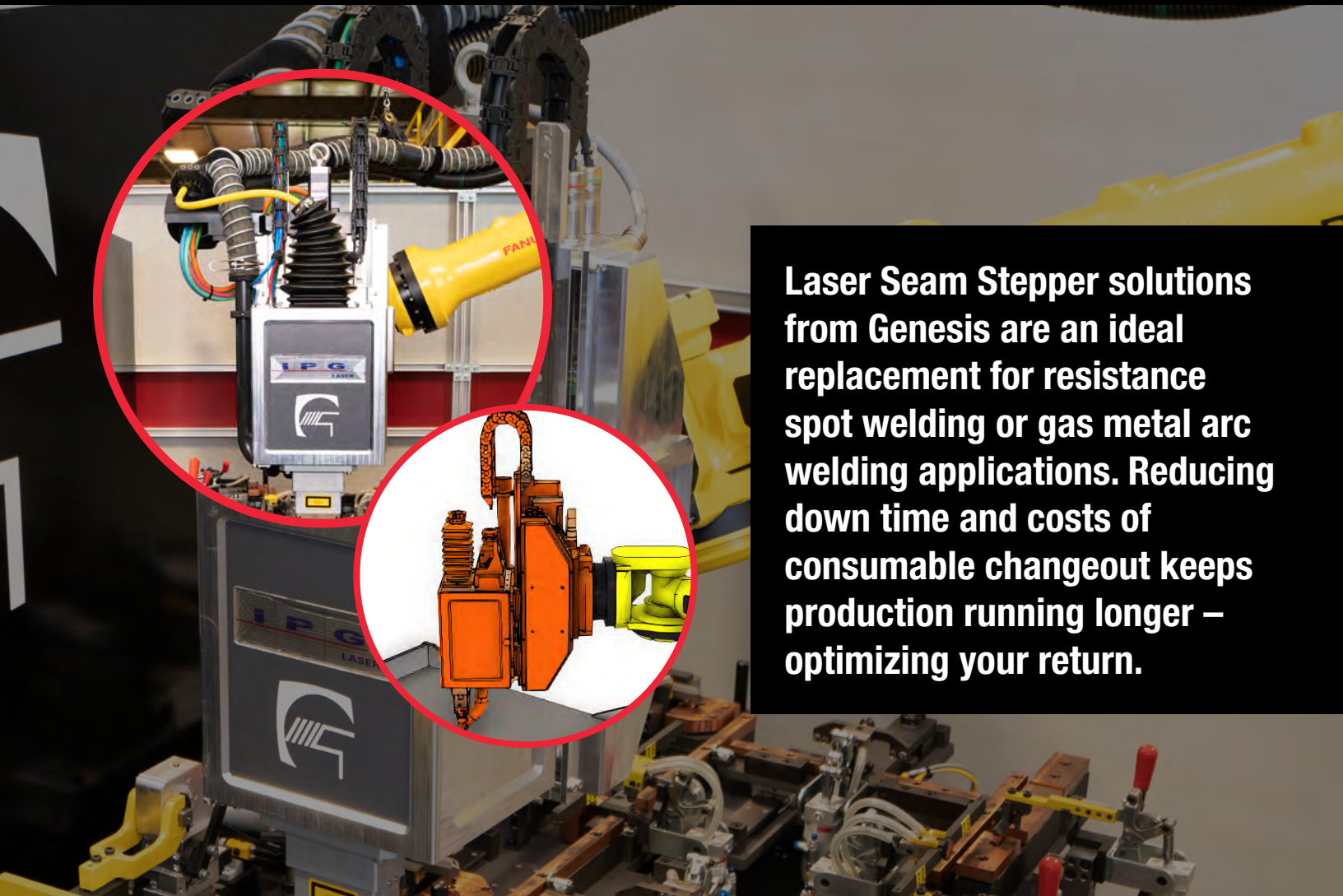
Utilizing advanced engineering tools, Genesis' engineers are able to virtualize your solution in the beginning - minimizing prototype costs and validating tooling and process methodology.

WHAT DOES DOUBLING YOUR THROUGHPUT MEAN TO YOU?

- ✓ Optimize productivity consistent and efficient processing methods
- ✓ Eliminate secondary processing methods associated with weld distortion
- ✓ Drastically reduce downtime due to consumable changeover

Laser Seam Stepper

- OPTIMIZE PRODUCTIVITY
- REDUCE COSTS
- MINIMIZE DOWNTIME



Laser Seam Stepper solutions from Genesis are an ideal replacement for resistance spot welding or gas metal arc welding applications. Reducing down time and costs of consumable changeout keeps production running longer – optimizing your return.

LEVERAGE THE LATEST DISRUPTIVE TECHNOLOGY

- ✓ Servo-controlled, force system dramatically reduces expensive clamping devices
- ✓ Fully integrated system and gantry mounted solutions to accommodate your production needs
- ✓ Equipped with certified safety functions and multiple sensor systems that are checked before the laser starts to emit, a special laser safety cell is not required

The background is a dark blue, almost black, space filled with numerous bright blue light trails. These trails radiate from a central point, creating a sense of depth and movement, similar to a starburst or a tunnel of light. The trails vary in length and intensity, with some being sharp and bright, while others are more diffuse and dim. The overall effect is one of high-tech, futuristic energy.

**WIN THE
PRODUCTIVITY
RACE**

ADVANCED LASER WELDING TECHNOLOGY

DRIVING PRODUCTIVITY TO INCREASE PROFITABILITY

Genesis Laser Welding solutions feature advanced engineering that delivers outstanding performance. The unique capabilities of our laser welding solutions allow for production efficiencies that speed throughput while ensuring strong welds and enhanced product quality.



- ✓ **PRODUCT DESIGN CONSULTATION**
- ✓ **PROCESS DEVELOPMENT**
- ✓ **TURNKEY SOLUTION FULFILLMENT**



LASER SOLUTIONS

Leveraging advanced technologies and expertise
to provide leading laser solutions.

After more than 35 years, Genesis remains at the forefront of robotic integration for manufacturing automation, going above and beyond to provide solutions that help our customers win the productivity race.

Let us show you how.

(563) 445-5600

www.genesis-systems.com

8900 N. Harrison Street • Davenport, IA 52806

TEL: (563) 445-5600 • www.genesis-systems.com

