



STARSOLVER® Productivity Enhancement Program

Continuous support to keep your productivity in motion



Linde's Metfab Productivity Specialists (MPS) are a select group of welding and cutting professionals with years of industry experience who understand all aspects of the metal fabrication business. Through the work of our MPS team, Linde has helped customers dramatically reduce costs and increase productivity by as much as 20–40 percent – often with little or no capital investment. From process and facility evaluation, to planning and implementation, to final debriefing, Linde's MPS team uses the innovative **STARSOLVER** program to show customers how to increase production through-put and product quality, while reducing reject rates and rework, post weld clean-up and labour.

Industry Expertise and Experience

Linde's MPS team has answers to your toughest process improvement questions. Trained in the latest technologies, these metfab specialists can bring decades of insight and proficiency to your operation, including:

- Material handling and metal forming
- CNC cutting (plasma & oxyfuel)
- Laser cutting and welding – CO₂ and fiber
- Plant automation – robotic welding, hard and custom automation
- Gas delivery systems and supply modes
- Guidance on optimum welding and cutting processes and equipment

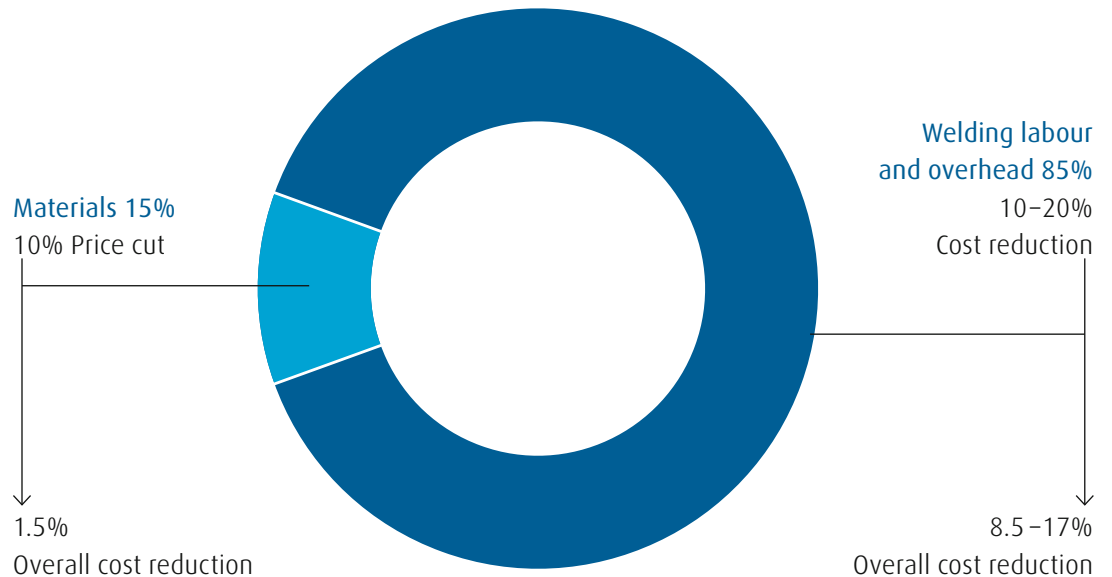
How The **STARSOLVER** Productivity Enhancement Program Works

The **STARSOLVER** Program process begins with Linde's Metfab Productivity Specialists (MPS) reviewing your shop's current welding or cutting operations from start to finish – all with as little disruption to your work as possible.

By gathering comprehensive data about your production processes, labour and overhead costs, the team can do a complete analysis of your plant's productivity and find ways to improve it.

Your STARSOLVER Evaluation May Include;

- Gas analysis
- Gas-to-wire ratio
- Gas supply system
- Weld size
- Weld travel speed
- Wire feed speed
- Wire type, diameter and packaging
- Electrode deposition efficiency
- Automation potential
- Welding processes and equipment
- Operator duty cycle measurements
- Electric power consumption
- Cutting analysis (laser, plasma, oxy-fuel)



Increase Productivity, Lower Costs, Improve Quality

Based on our findings, Linde will recommend a realistic list of actionable items, which may include process, material, equipment or facility changes or improvements. Working together, your customized action plan will be finalized and specifically designed to make increased through-put and greater profitability attainable while keeping your budget in mind. We'll also follow up to make sure the new products and equipment are implemented properly and continuing to deliver the expected benefits. Using the STARSOLVER Productivity Enhancement Program, Linde's MPS team can help your business increase through-put, reduce costs and compete more effectively in today's fiercely competitive market.

Contact Linde Today:

To learn more about Linde and our commitment to process improvement, please visit our website at www.lindecana.ca, email us at Automation.support@linde.com or call us at **1-800-225-8247**.

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