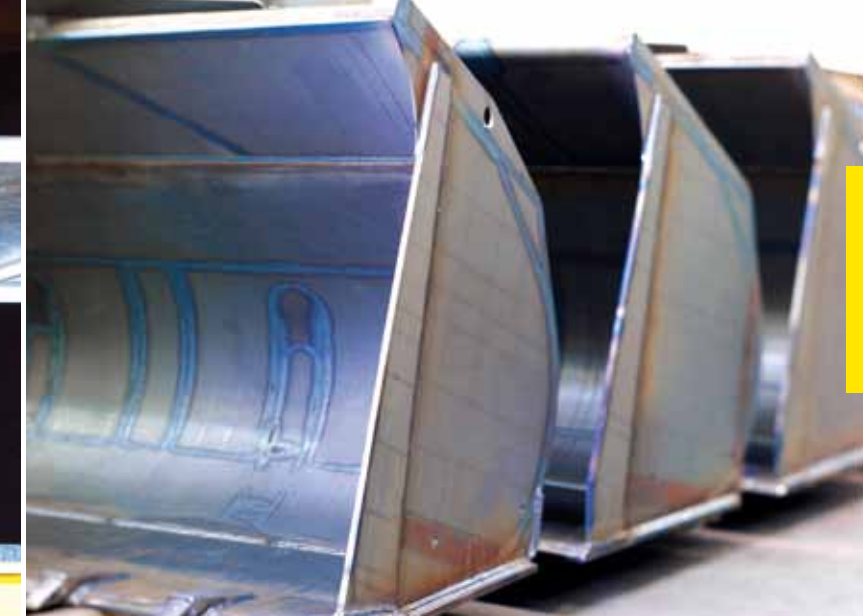




SUPRAREX™. **ESAB's most versatile** **gantry cutting system.** **Now better than ever.**

MORE ACCURACY. MORE FEATURES.
MORE CUTTING PRODUCTIVITY.





The SUPRAREX™.

Enhanced productivity for manufacturing.

You need to get the most out of your equipment. Investing with ESAB gives you access to the most complete range of productivity enhancing systems, tools, and software.

Whether it's earth-moving machinery, state-of-the-art shipbuilding, steel bridge manufacturing, or flexible fabrication shops, ESAB is always there. With professional solutions for welding and cutting, ESAB is number one in many

industries worldwide.

Our industry-specific experience and technology are combined in the SUPRAREX™ SXE to form a machinery concept with unparalleled flexibility and productivity.

Delivering the performance and accuracy you need is the goal of the SUPRAREX™ SXE. The modular design concept brings together components and systems in a vertically integrated package that fulfills your

requirements with the most advanced technology available.

Choose from a wide variety of process tools and auxiliary equipment, engineered and supplied by ESAB to

work together as an integrated system. With the SUPRAREX™ SXE as the centerpiece of that system, you can't go wrong.



The SUPRAREX™.

The machine of choice for performance and accuracy.

Engineered performance - speed, accuracy, reliability.

The new SUPRAREX™ generation features exceptional machine dynamics thanks to its high-performance drive

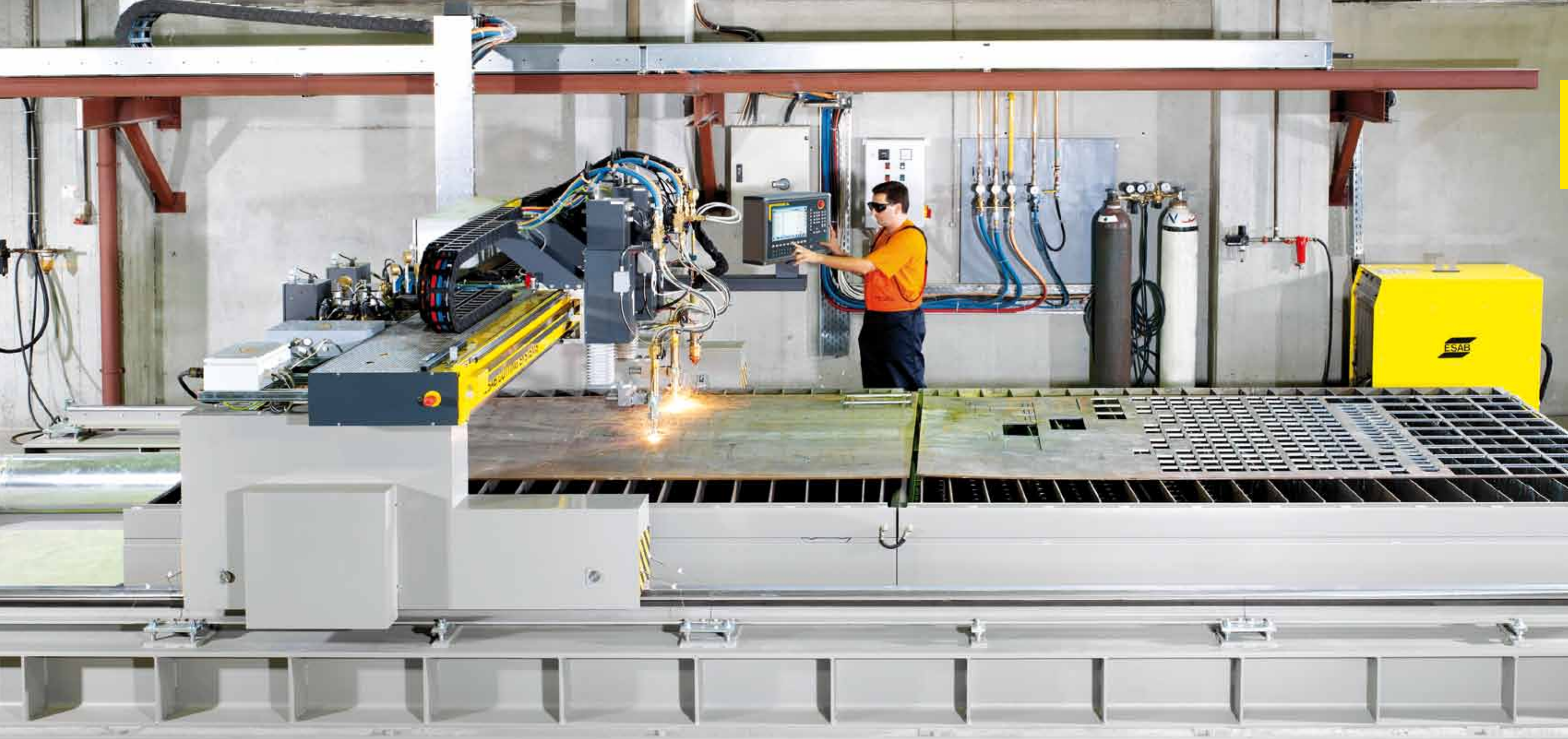
system, which yields impressive acceleration and deceleration. The high-stiffness, heavy-duty gantry machine offers working widths from 6 to 24 feet (2 to 7.5 m), forming a solid foundation for accurate cutting and marking with

plasma and oxy-fuel. What's more, with a VISION® control system and COLUMBUS™ programming software from ESAB, the SUPRAREX™ is the cornerstone of an integrated, automated production process.

Machine reliability is critical to your bottom line.

That is why the SUPRAREX™ is designed to the most stringent quality specifications, to achieve the low maintenance costs and long service

life that you demand. Trust in the quality of ESAB engineering, trust your productivity to the SUPRAREX™.



The SUPRAREX™.

A modular machine concept.

Flexibility is key to getting the most return on your investment. A modular design gives ultimate flexibility for sustainable productivity.

The innovative and modular SUPRAREX™ gantry can be configured for almost any need, providing the perfect solution to every cutting application. With the ability to carry up to 12 tools, and combine plasma and oxy-fuel

cutting with a variety of straight or beveling tools, as well as marking and labeling processes, the possibilities are limitless. This flexibility is complemented by a wide array of machine sizes and infinitely configurable rail

lengths to accommodate almost any cutting area. Machines may be optimized for different material types, thickness, or plate size. ESAB gives you the right tool for your application with the SUPRAREX™. The customers

and their requirements are the motivation for the SUPRAREX™ design. New cutting technology is readily adapted to the machine, and the modular design allows for easier updating as needs change.



ESAB CUTTING SYSTEMS

ESAB

SUPRAREX

ESAB

CAUTION!
ULTRAVIOLET
RAYS

3



The SUPRAREX™

Vertical integration means complete systems from one supplier.

With the SUPRAREX™, you can combine a wide range of machine options to create a complete, integrated cutting system.

ESAB is your single source supplier. From the gantry, CNC, and plasma system to the cutting table, fume collector, and ductwork, ESAB can supply the complete package, ensuring it works together optimally, and

everything satisfies our internationally recognized quality standards. ESAB also ensures the highest quality cutting and most efficient production with COLUMBUS™ programming and automatic nesting software.

For example, ESAB's COLUMBUS™ software, VISION® CNC, and m³ plasma™ system all work together seamlessly to provide the highest cut quality on all contours with fully automated process control.

This simplifies operation and makes process setup consistent, regardless of the operator.

The SUPRAREX™

Ready for any process combination:
Plasma, oxy-fuel, beveling and marking.

The SUPRAREX™ is easily equipped with a variety of different tools for cutting, weld preparation and marking with advanced plasma technology

or tried and tested oxy-fuel cutting. Multiple process combinations are easily handled on the SUPRAREX™, and multiple carriages can be driven

by steel band or multiple driven carriages can be used. The SUPRAREX™ from ESAB: everything for your success.



Precision plasma cutting.



Accurate bevel cutting.



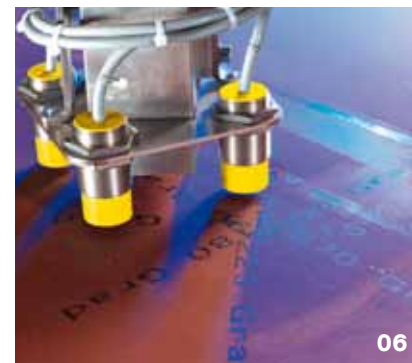
Plasma bevel cutting with the VBA EXPERT PRO.



Plasma cutting and marking with the same torch.



Pin marker for lettering and numbering. Ideally suited to mark before / after painting, before part treatment.



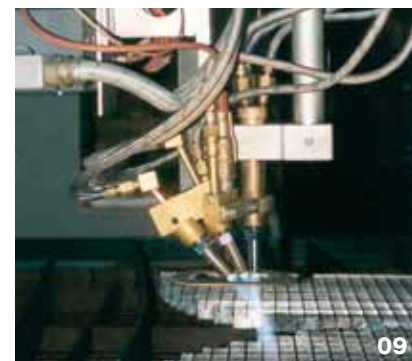
Marking and labeling with InkJet.



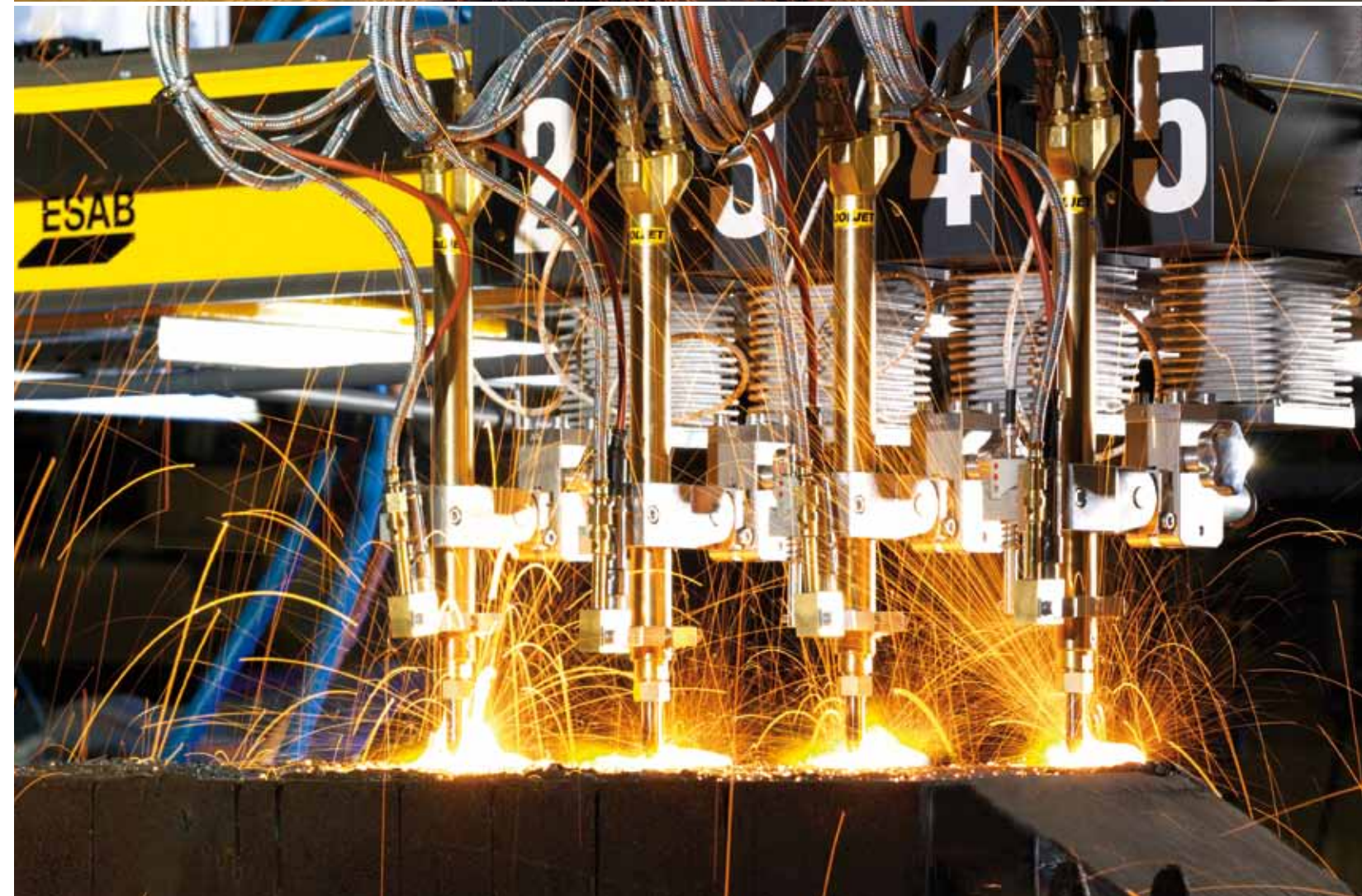
Oxy-fuel cutting up to 8 inch thick material.



Programmable angle oxy-fuel bevel cutting with infinite rotation.

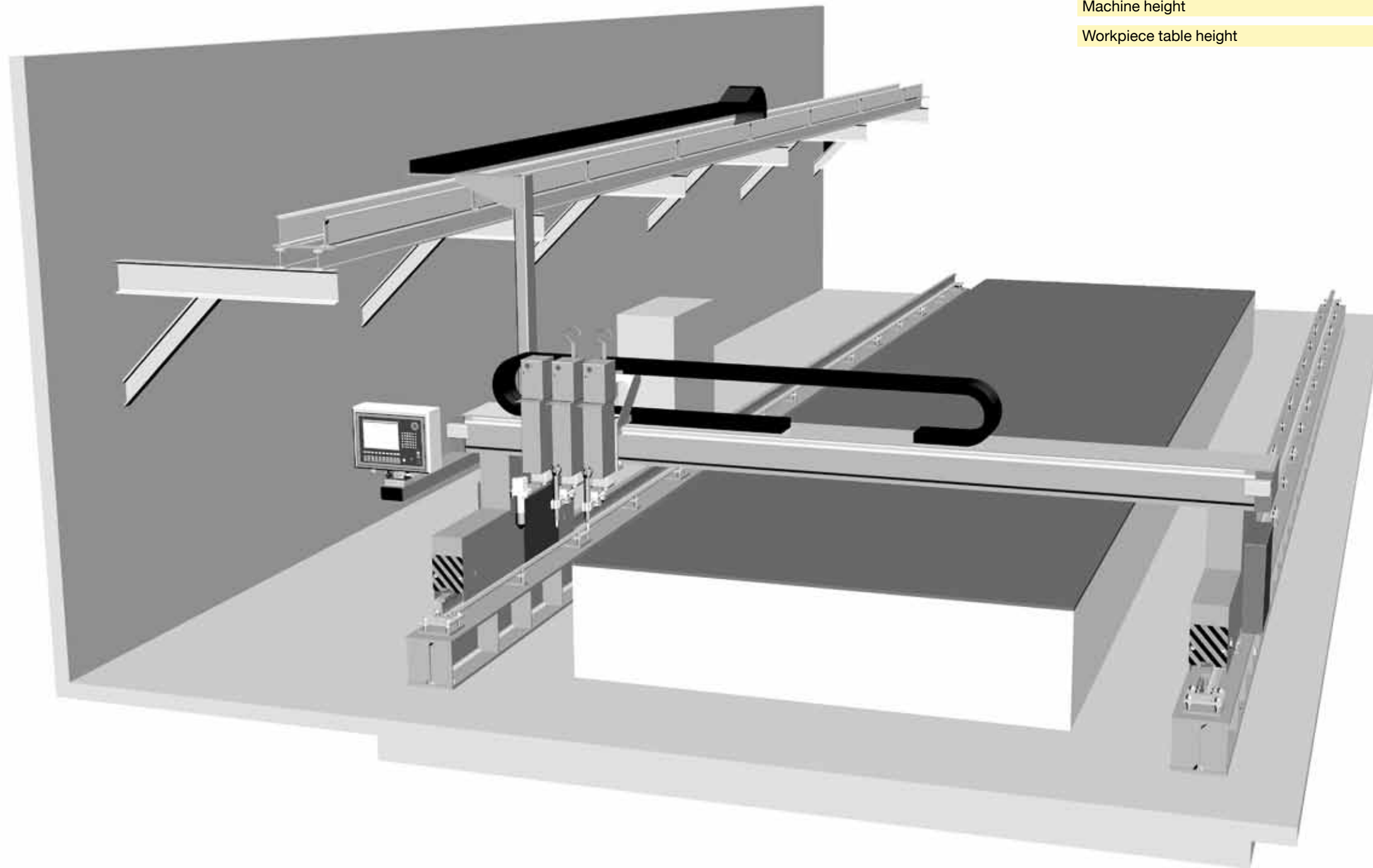


Grid cutting with oxy-fuel.



Data and facts.

The components of your success.



SUPRAREX™ Technical Specifications

Track gauge	118.1 - 334.6 inches
Cutting processes	Plasma and oxy-fuel
Maximum plasma cutting thickness	Dependent on plasma system
Maximum plasma cutting torches	4
Maximum oxy-fuel cutting thickness	8 inches standard
Maximum oxy-fuel cutting torches	12
Maximum machine speed	950 ipm standard (1500 ipm optional)
Gantry parking length	78 inches
Overall machine width	144 - 360 inches
Machine height	78 inches
Workpiece table height	26 - 30 inches

Other possible processes and combinations:

- Combined plasma and oxy-fuel cutting
- Plasma beveling
- Oxy-fuel beveling
- Grid cutting
- Marking and labeling

ESAB reserves the right to make technical modifications and improvements. Products may vary from those pictured.

ESAB CUTTING SYSTEMS

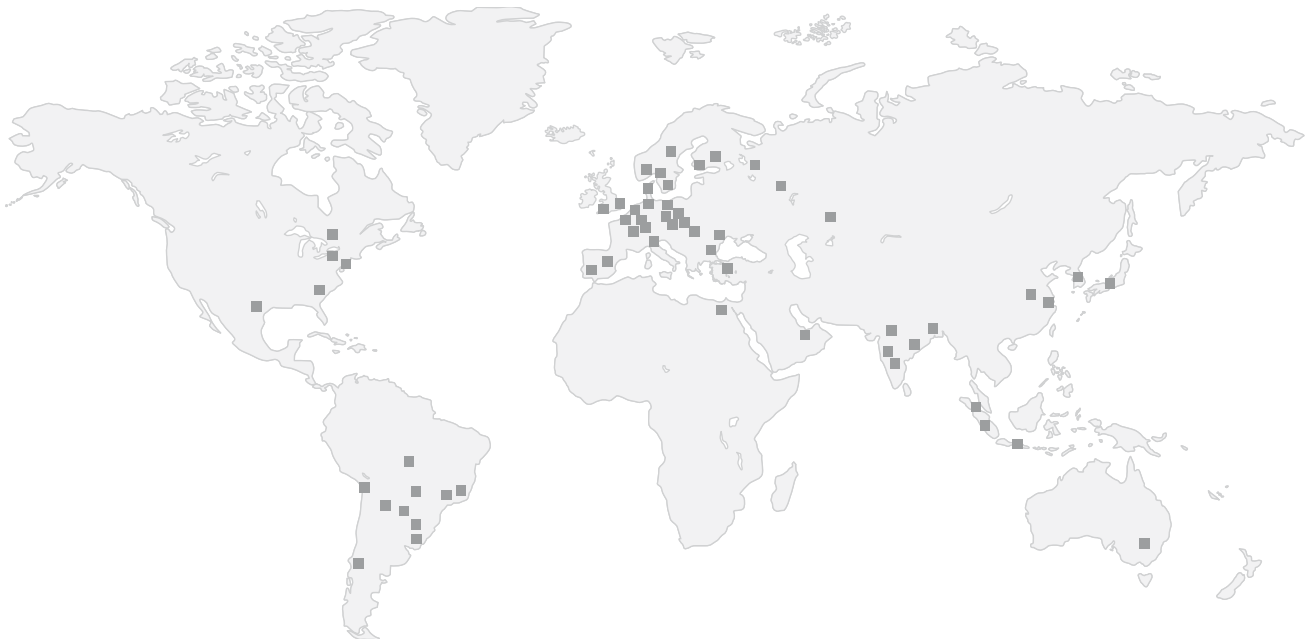
Your partner in cutting.



Seven decades of experience and the consistent focus on the needs of our customers are the foundations for the successful and comprehensive product range of our cutting machines. As experts in many cutting processes - plasma cutting, oxy-fuel, laser, and water jet cutting - ESAB has developed a range of machines that efficiently combine the highest

cut quality with high cutting speeds, allowing intelligent integration into automated production processes. So in many industries, the SUPRAREX™ machine series also helps to optimize production and increase the operating efficiency of our customers.

ESAB sales and service offices worldwide



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