SureCut™

Hypertherm Associates
Software Group

Maximize Hypertherm plasma performance

SureCut delivers embedded expertise for XPR® and HPR® plasma systems

True Hole® | True Bevel™ | Rapid Part™ | Plate Saver™

No matter your industry or application, your production floor must cut faster and more efficiently to remain competitive. Hypertherm Associates has collaborated with its global partners for over fifty years to provide our customers with the most significant advances in mechanized plasma cutting technology and automation software to boost production and improve the bottom line.

SureCut technologies

True Hole®
Produces significantly better hole quality

True Bevel™
Takes machine operator guesswork out of plasma bevel- cutting

Rapid Part™
Dramatically reduces cut cycle time

Plate Saver™
Significantly increases plate savings and profitability

Optimize your Hypertherm plasma performance with SureCut technology

Our exclusive SureCut technology uses software to automatically embed advanced cutting capabilities into your plasma cutting process, delivering improved outcomes, simplifying cutting operations, and reducing operator intervention.

Improve outcomes.
Simplify cutting operations.
Reduce operator intervention.

Utilizing SureCut technology

Most machines equipped with a Hypertherm HyPerformance® HPRXD® or XPR® X-Definition® plasma system come with automatic access to one or more SureCut technologies. The machine operator or CAM software programmer can access these technologies through the user interface, for example, ProNest®, EDGE® Connect, or other CAM or CNC software from an authorized partner. Each technology typically runs automatically, without the need for operator intervention. For more information, including the supported technologies for your specific machine, please contact your manufacturer.

True Hole

Since its initial release, True Hole® has become a mainstay for those who demand high-quality bolt-ready holes. Historically, machine operators had difficulty achieving good hole quality directly off the plasma cutting table, with drilling often required as a secondary process. True Hole technology—a patented process for mild steel that virtually eliminates hole taper and improves roundness—produces significantly better hole quality than what was previously possible using plasma.

Rapid Part

More than half of production time is often spent moving between cuts—time that could be used to cut faster and increase productivity. Rapid Part™ uses hardware and software features to reduce cycle time, providing more efficient motion and enabling up to a 100% increase in parts per hour.

True Bevel

Bevel cutting is a complex process that typically requires trial and error, forcing machine operators to make multiple test cuts to determine the correct bevel angles for each new part. This costs precious time and money. True Bevel™ technology for mild steel provides factory-tested parameters, making it quick and easy to set up new jobs. With True Bevel, you can achieve accurate bevel parts and consistent results in significantly less time.

Plate Saver

Plate Saver™ introduces new specialty leads to the CAM software when programming jobs for machines equipped with XPR. It adjusts lead size, style, and location and uses a moving pierce to minimize part separations while at the same time maintaining part quality. The enhanced arc stability feature of XPR X-Definition® plasma quickly stabilizes the plasma torch arc, allowing for shorter lead lengths and closer part placement.

To stay competitive, manufacturers must improve their total cutting process to boost production and minimize operating costs. SureCut technology optimizes Hypertherm plasma performance by automatically embedding advanced cutting capabilities and delivering improved outcomes for our customers.

Learn more about SureCut technology at www.hypertherm.com/SureCut

SureCut, Hypertherm, XPR, HPR, True Hole, True Bevel, Rapid Part, Plate Saver, and X-Definition are trademarks of Hypertherm, Inc. and may be registered in the United States and/or other countries.

Please visit www.hypertherm.com/patents for more details about Hypertherm Associates patent numbers and types.

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Greener Cuts™

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