



**PRECISION PERFORMANCE
EXTENDED ON MILD STEEL**

Thermal Dynamics® introduces

HEAVYCUT™ TECHNOLOGY

New HeavyCut™ technology offers optimized high precision cutting for thick mild steel, including:

- ▶ SHARPER CORNERS
- ▶ SHARPER EDGES
- ▶ ROUNDER HOLES
- ▶ BEST PARTS LIFE
- ▶ LOWEST COST/FOOT
- ▶ BEST QUALITY CUT SPEED
- ▶ PRECISION CUTS UP TO 50 mm ON MILD STEEL



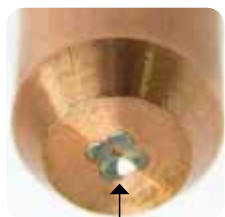
We Bring Intelligence to the Table.™

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HEAVYCUT™ TECHNOLOGY

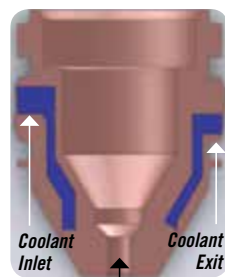
A Thermal Dynamics® integrated plasma system delivers the dynamic real-time process control required to make quality cuts consistently. And with HeavyCut™ technology, precision performance is extended on mild steel up to 50 mm.

HeavyCut™ technology improves cutting efficiency and extends the useful life of the consumable parts. Advanced consumable parts and process parameters cut thicker plates better, last longer and result in lower cost per cut. True precision performance is no longer limited to thinner plates.



Multiple Hafnium Inserts

The new 300 A and 400 A electrode with multiple Hafnium inserts increases parts life to new levels at high current applications.



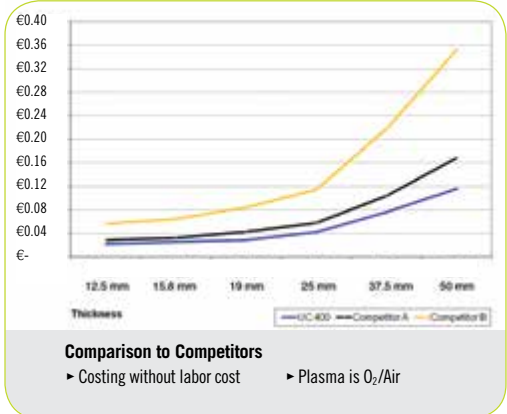
Coolant Inlet
Coolant Exit
Coolant reaches the inlet of the orifice



New heavy duty shield cup

The new Ultra-cooled two piece tip gets cooled all the way to the orifice to provide the best cut quality over its complete life span.

Ultra-Cut® 400 XT vs. Competitors



Cost/metre comparison between Oxyfuel and Plasma

