



# K5000 CUTTING SYSTEM

- Advanced Plasma & Oxy Fuel Cutting
- Enhanced Bevel & Multi Torch Cutting
- Advanced Drilling, Milling & More
- Plasma to 4" | Oxy to 8"
- Drilling to 4" | Tapping to 2"

## CUTTING CAPABILITIES

- Plasma up to 4" thick
- Oxy Fuel up to 8" thick
- Plasma Beveling
- Oxy Fuel Beveling
- Triple Oxy Beveling
- Pipe cutting

## MACHINING CAPABILITIES

- Drilling up to 4" hole
- Tapping up to 2" hole
- Milling
- Counter Boring
- Chamfering
- Hole Interpolation
- Thread Milling
- Part Marking

# SPECIFICATIONS

## MAXIMIZE PRODUCTIVITY

- Cutting, milling, drilling and more all on one machine
- Multiple lifter stations for up to 3 independently driven plasma torches
- CAT 50 spindle with 24 tool stations
- Automated tool changes in under 3 seconds
- Part marking with plasma etching

## MINIMIZE DOWNTIME

- Automated tooling alerts prevent breakdowns
- Auto tool height measurement reduces loading time
- High performance downdraft table minimizes smoke and fumes
- Innovative self-cleaning table design saves time
- Travelling dross bins for fast under-carriage cleanout
- Modular table slats for fast changeout
- Closed chip extraction system automates chip collection
- Standardized, quick-ship replacement parts

## SPEED & ACCURACY

- Best-in-class plasma accuracy
- Best-in-class machining accuracy
- Best-in-class repeatability
- Traverse speed of 800"/min
- Dual driven rack and pinion system
- Linear rails with hardened helical racking
- 19" LCD touchscreen for fast setup and easy control
- Fiber optic link to load programs quickly

## DURABILITY

- One-piece welded gantry designed for the rigors of modern manufacturing
- Full protection of all linear drives
- Heavy-duty frame and component parts
- Protected rails
- Through-spindle coolant to extend tooling life

## OPTIONS & ACCESSORIES

- Part marking via inkjet or percussion
- Water table for wider spans
- Automated part removal system
- Pass-through table technology
- Complete customization for your specific application

## AVAILABLE CUTTING HEADS

- Hypertherm HPR800XD
- Hypertherm HPR400XD
- Hypertherm XPR460
- Hypertherm XPR300
- Hypertherm XPR170
- Oxy Fuel cutting
- Plasma bevel cutting
- Oxy fuel bevel cutting
- Multi torch cutting

## TABLE SIZE

- 10' 8", 12' 8", 14' 8", 16' 8" wide
- Up to 200' long
- Customizable to meet customers requirements