



High Performance Cutting



# Clean Gouge 130HD

*Professional Mechanized Plasma Gouging System*

Dual Air | Side Blow | Fast Purge

## ADVANTAGES

- ✓ Higher Removal Rate Of Material Than Gouging With Carbon Electrode
- ✓ Easy Process Handling
- ✓ No Finish Grinding Required
- ✓ Good Tracking Of Gouging Process
- ✓ No Carbonisation Of The Material
- ✓ Low Heat Input
- ✓ Reduction Of Noise & Smoke Levels



## APPLICATION

Plasma gouging is ideal for eliminating welding defects, cracks, cavities and inclusions and for preparing for backwelding.

- ✓ Preparation Of Reverse Side Welding (Sealing Runs)
- ✓ Removing Of Defects On The Surface Of Materials
- ✓ Adjustment Of Different Material Cross-sections
- ✓ Groove Face Preparation
- ✓ Cleaning & Polishing Of Castings
- ✓ Peeling Of Material On Surfaced Workpieces

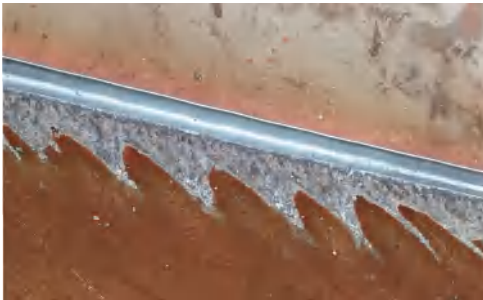


# UNIQUE TECHNOLOGY

## Side Blowing

Unique side blowing technology provide good track of gouge process, better control of gouging depth and width, which improve gouging efficiency.

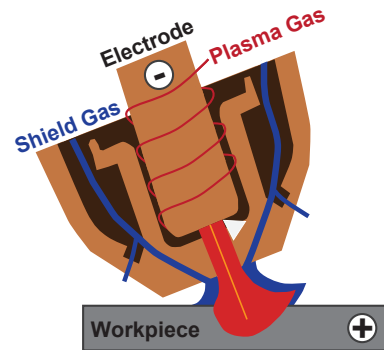
- ✓ Good Track Of Gouge Process
- ✓ Protect Consumables Lifetime
- ✓ High Effective-deeper Wider



## Dual Air Plasma Gouging System

Separate plasma and shielding gases to optimize the performance.

- ✓ Improve Gouging Efficiency
- ✓ Extend Consumables Life



# TP200G TORCH



Recommend air pressure:  
 plasma gas: 0.4 Mpa  
 Shield Gas: 0.3 Mpa

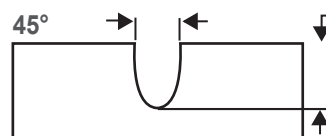
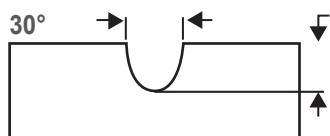
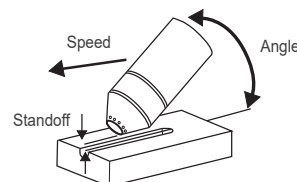


## GOUGE PROFILE

You can vary the gouge profile by varying the:

- Speed Of The Torch Over The Workpiece
- Torch-to-work Standoff Distance
- Angle Of The Torch To The Workpiece
- Current Output Of The Power Supply

Profiles by 30° and 45° a torch angles are illustrated in follow:



# SPECIFICATION

System	Clean Gouge130HD
Input Voltages	380V/440V, 3PH, 50/60Hz
Max. Load Power Capacity	28.4KVA
Rated Output Voltage	175VDC
Max Output Current	130A
Open Circuit Voltage (OCV)	380VDC
Operating Temperature	-10°C~40°C
Duty Cycle Rating 40°C(105°F)	100%@130A
Dimensions	680*310*650mm
Weight	49KG

