

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.

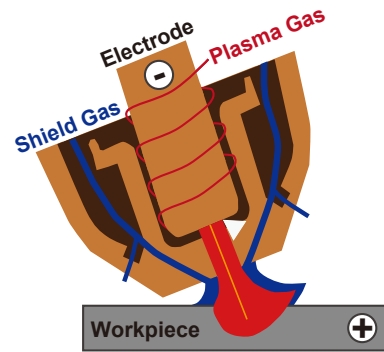
- ✓ Good Track Of Gouge Process
- ✓ Protect Consumables Lifetime
- ✓ High Effective-deeper Wider



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

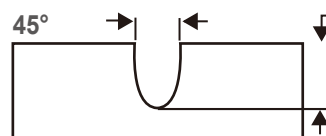
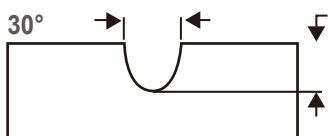
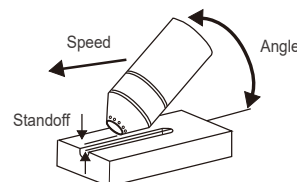


GOUGE PROFILE

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



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