



### Overview

In most metal fabrication shops, Plasma-Arc Gouging equipment can have great advantages over traditional Air Carbon-Arc Gouging.

### Applications

Back gouging  
Weld metal removal  
Overlay and hard facing removal  
Weld preparation  
Weld defect repairs  
Surface defect repairs  
... and more

### Benefits

AGT's robotic plasma-arc gouging system uses a conventional plasma cutting system and has the following advantages :

- Portable and flexible
- For many gouging applications
- Very quick setup and simple to use
- Reduced noise and fume rates
- No risk of carbon inclusion
- No need for specialized labor
- Drastically reduced post-gouging cleanup time
- Extremely constant grooves
- Unlimited control over parameters
- Trouble-free operation
- Long lasting consumables

### Specifications

#### Material Type

Steel, Stainless, Aluminum, Cast Iron and other alloys.

#### Positions

Horizontal, Vertical, Overhead, Flat

#### Groove Length

No limit within working envelope.

#### Groove Width

No limit

#### Groove Depth

Up to 38mm

#### Groove Type

U-shape

Sidewall angle approx. 20°

[agtrobotics.com](http://agtrobotics.com)



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