

Product Name :
Plasma Cutting Machine, Portable

Product Code :
MU116



Description :

Plasma Cutting Machine, Portable

Technical Specification :

Primary Side

Input Voltage AC Supply, 400Volt $\hat{A}\pm 10\%$, 3-Phase, 50Hz

Connecting Load 18 kVA

Plasma Gas Compressed Air

Plasma Gas Pressure $5\hat{A}\pm 2\text{Bar}$

Cutting Side

Cutting Current $30\hat{A}\pm 10$ Ampere

Cutting Current $120\hat{A}\pm 20$ Ampere

Output Current Adjustment Step-less continuous adjustment

Duty Cycle $\hat{A}\in$ 1 35% at 120 Ampere

Duty Cycle $\hat{A}\in$ 2 100% at 80 Ampere or Higher

Recommended Cutting Thickness(Hand held Clean cut): 0.5mm to 40mm

Severance Cutting Thickness 50mm

Ignition Process Pilot arc ignition by high voltage ignition unit, main arc ignition by pilot arc.

Metals to be cut Carbon Steel, Stainless Steel, Cast Iron, Brass, Copper, Aluminum and other electric-conductive material.

Application Piercing, Hand Drag Cutting and Gouging.

Physical Data

Weight 30 Kg

Dimensions 750mm (L) x 300mm (B) x 500mm (H)

Other Data

Electric Protection Class IP 23 or Higher

Cooling of Supply Unit Air cooled by built-in fan

Air Filtration Unit Equipped with built-in Air filter and pressure adjustment regulator and pressure gauge.

Plasma Hand Torch

Torch Cooling Air Cooled

Hose Package Length 3meter or more

Cutting Current Rating Cutting Current of Machine

Duty Cycle 100% at Cutting Current of Machine.

Features:

Easily Detachable from machine.

All connections is enclosed in single hose package with single central connecting plug.

Built-in torch switch.

Able to carry out all required applications independently or by replacing consumables of hand torch.

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