



Highest level oxygen plasma in the world.

~~SUPER-400Pro II~~

Latest developed original plasma unit of KOIKE that commercialized oxygen plasma for the first time in the world. By the combination of many years of plasma cutting know-how and the state of the art technology, the SUPER series continues to evolve.

Overview

Plasma unit that provides excellent usability in a variety of cuttings applications due to the automatic cutting parameters setting system connected to the CNC cutting machine. Gas pressure is 0.5Mpa and can be supplied by general piping. Life time and cutting quality was improved compared to the previous model. In addition, the anti-magnetic arc blow function improves due to the review of consumables structure, and cutting is also possible under magnetic force of 300mT. (under the test environment in the company). New function of jet pierce that perform safe piercing was added. High pressure gas is injected from the orifice of the torch tip, blowing the slags during the piercing. (Patent No. 3751728)



| SUPER-400Pro II | | |
|-------------------|--------------------------|--|
| Power Supply | Power Supply Model | KP-4055 |
| | Input Power Supply | Three-phase 200/220V 50/60Hz Three-phase 380/400/440V 50/60Hz |
| | Rated Input | 119kVA |
| | Rated Current | 400A |
| | Current Adjustable Range | 10~40A |
| | Usage Rate | 100% |
| | Plasma Gas | O ₂ /Air |
| | Shield Gas | O ₂ /Air |
| | Working Pressure | 0.7~0.9MPa |
| | Outline (W×L×H) | 664×780×1550mm |
| | Cutting Thickness | Mild Steel Stainless Steel |
| Torch | Torch Model | 460-OPS |
| | Maximum Working Current | 400A |
| | Usage Rate | 100% |
| | Cooling System | Water Cooling (Circular) |
| | Torch Lead Length | 10m |
| Outline Dimension | φ59×400mm | |

Feature

- Automatic cutting parameter setting.
- Improvement of anti-magnetic arc blow function.
- Improved life time of consumables.
- High quality cutting from thin plate to thick plate.
- Improvement of piercing performance.
- Improvement of small circle cutting performance.
- Bevel cutting of Stainless Steel and Mild Steel.
- Tool-less consumable exchange structure.

