

# DS-400

Professional

## Application

Carbon steel product fabrication  
Bridge and pipe fabrication  
Industrial equipment manufacturing

## Features

This machine uses an energy-saving inverter with protection from overheating and overload, ensuring stable use.

It has VRD safety, voltage/current display, and anti-stick current to meet jobsite safety needs.

Three arc start modes—adjustable, pulse, and no-current—plus external arc start and soft/hard arc control fit various rods and materials.

External arc force control supports stable welding, even for high-tensile steel and vertical-down welding.

Supports continuous welding with rods up to 6.0mm; boosts efficiency for structural, vessel, and pipeline work.



## Specification

|                        |     |                      |                      |    |             |
|------------------------|-----|----------------------|----------------------|----|-------------|
| Input Power            | V   | 220V, 1/3Φ           | Efficiency           | %  | 85          |
|                        |     | 380 / 415V, 3Φ       | Open-circuit voltage | V  | 75          |
| Input voltage range    | %   | ±15%                 | Duty cycle           | -  | 400A / 60%  |
| Input frequency        | HZ  | 50&60                |                      |    | 310A / 100% |
| Rated input capacity   | KVA | 21.99                | Welding Electrode    | mm | 2.6~6.0     |
|                        | KW  | 16.93                | Insulation class     | -  | H           |
| Rated output           | V   | 36                   | Protection class     | -  | IP21S       |
|                        | A   | 300 (1Φ)<br>400 (3Φ) | Dimension (W*D*H)    | mm | 300*613*463 |
| Welding amperage range | A   | 20~400               | Net Weight           | kg | 32          |

