




# XD250C

CO<sub>2</sub>/MAG Automatic Welding Machine



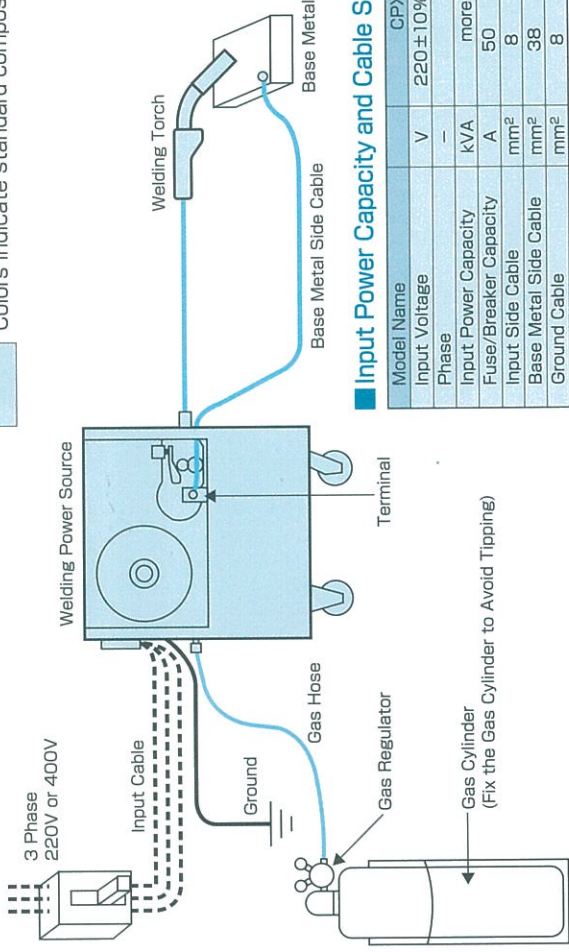
## Digital Synergic Controlled CO<sub>2</sub>/MAG Welding Machine Compact Wire Feeder Built-in Type

- Digital Synergic Control
  - Wire Feeder Built-in
- 
- Instantaneous Arc Starts
  - Digital Ammeter & Voltmeter
  - One-knob Control
  - 0.8/1.0/1.2 Wire Mode Available
  - Big Wheel & Handle for Easy Carrying



## ● Connection Diagram

Colors indicate standard composition



## ■ Input Power Capacity and Cable Specifications

Model Name	CPXDC-250	
Input Voltage	V	220±10% 400±10%
Phase	—	3
Input Power Capacity	kVA	more than 12.5
Fuse/Breaker Capacity	A	30
Input Side Cable	mm <sup>2</sup>	8
Base Metal Side Cable	mm <sup>2</sup>	38
Ground Cable	mm <sup>2</sup>	8

## Specifications and Accessories

### ■ Welding Power Source

Model Name	CPXDC-250	
Rated Input Voltage	V	220±10%
Phase	—	3
Rated Frequency	Hz	50/60
Rated Input Power	kVA	12.5 (11.1kW)
Rated Output Current	A	25.9
Rated Load Voltage	V	250
Output Current Range	A	26.5
Output Voltage Range	V	50~250
Max. no-load Voltage	V	15~33
Rated Duty Cycle	%	51
Temperature Rise	°C	60
Ambient Temperature	°C	160
Net Weight	kg	-10~+40
External Dimensions	mm	103
Degree of Protection	—	416(W) × 662(D) × 770(H)
Wire Type	mm	IP21S
Welding Method	—	0.8, 1.0, 1.2 CO <sub>2</sub> , MAG

### ■ CO<sub>2</sub>/MAG Welding Torch

Torch Type	WT2000-SD		WT3500-SD		WT3510-SD	
Rated Current	A	200	350		350	
Rated Duty Cycle	%	50	30		60	
Wire Type	—	Solid, Flux Cored				
Applicable Wire Size	mm	(0.8), (0.9), 1.0, (1.2)				
Cable Length	m	3,(4)				
Net Weight	kg	1.8	2.1		2.5	

### ■ Standard Accessories (Welding Power Source)

Description	Specification	Quantity
Glass Enclosed Fuse	10A 250V 5A 250V 3A 250V(220V only)	1 1 1
Hexagon Bolt	M8-20	1

Description	Specification(P/No.)	Quantity
Gas Hose	K3200V00(2m)	1
Cable	K10022C00	1
Feed Roll	1.0-1.2 K10007807	1

In accordance with DAIHEN's policy to make continuing improvements, design and/or specifications are subject to change without notice and without any obligation on the part of manufacturer.

Distributed by :

## DAIHEN Corporation

4-1, Koyochonishi, Higashinada-ku,  
Kobe, Hyogo 658-0033, Japan  
Phone: (Country Code 81) 78-275-2006  
Fax: (Country Code 81) 78-845-8159