

Semi Automatic Wire Feeder

shindaiwa®



SWF500K



SPECIFICATIONS

Model		SWF500
Input Voltage	Normal (V)	DC 15 - 110
	External Source (V)	AC 24 - 42
Rated Welding Current	Duty Cycle: 60% (A)	500
	Duty Cycle: 100% (A)	340
Wire Feeding Speed	Inch Display (inch/min)	50 - 700
	Meter Display (m/min)	1.3 - 17.8
Applicable Wire Diameter	GMAW (Solid or Cored Wires) (mm)	φ1.2 (Optional) φ0.9, 1.6
	FCAW (Self-Shielded Wires) (mm)	φ0.9, 1.2, 1.4, 1.6, 1.8, 2.0, 2.4

Model		SWF500
Spool Shaft	Shaft Diameter (mm)	50
	Max. Installation Width (mm)	105
	Max. Installation Diameter (mm)	300
	Brake Mechanism (mm)	Equipped
Weight (kg)		16
Length (mm)		555
Width (mm)		221
Height (mm)		428

RECOMENDED SETUP

- DGW400DMK Series
- DGW500DM Series



SWF500



YBK Torch



- Can be connected to a welding machine in wire-feed mode.
- CO² gas welding is also supported with an optional gas kit.

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CONTROL PANEL



1. Wire Feed Speed Lamp
2. Current Lamp
3. Voltage Lamp
4. Wire Feed Speed/Amperage Meter
5. Welding Voltage Meter
6. Motor Overload Lamp
7. Overheating Lamp
8. Wire Feed Speed Dial
9. Voltage Control Dial
10. Wire Feed Speed Selector Switch
11. Gas Outlet
12. Gun Trigger Connector
13. Gun Connection
14. Pressure Arms
15. Wire Feed Button
16. CC/CV Switch
17. 2 STEP-Trigger Interlock Switch
18. Soft Start Switch
19. m/inch Selector Switch



FEATURES



Strong feeding performance

The unique 4 Gear Drive system provides industry leading wire feeding performance.

Lightest in its class

Suitcase type design and light weight construction make the unit easy to transport.

High control ability

CC (automatic feeding) mode control maximizes the capacity of the feeder via Shindaiwa's unique control system. The arc length is maintained by changing the wire feed speed, giving a stable arc and good weld quality.

High output

With a rated output of 500A(60%), it provides prolonged, continuous operation.

IP23 rated protection

For reliable performance on exposed worksites.

Current adjustment

By connecting the attached control cable, the output current value can be adjusted on the feeder side.