



Powered by

Kubota

DGW500DM supplies superb and tremendous performance for you by Shindaiwa with latest technology.

Especially at pipeline site, "Two(2) welders into One(1) machine" which is beneficial and economical for simultaneous two welding jobs of pipeline.

DGW500DM shows the durability, reliability, best performance, on harsh condition even small, compact and light weight !!

* EPA Interim T4 (Engine), EMC, IP44(receptacles), IP24 complied

Welding mode

CC/CV

Single/Dual

**60-500/65-500A Single
30-250/35-250A Dual**

Cellulose rod

Low hydrogen rod

Gouging

φ3.2-5.0/9.5 mm

Generating mode

3.5/3.8kVA 1phase

110/120V only

Sound Level (7m) @no load

57 dB(A)

Dimension / weight

(L)1,680-(W)700-(H)950mm

613 kg

Engine (Diesel)

Kubota V1505

Standard features

Arc force control dial

14pins Input (W/F)

2pins Input (R/C)

No Load Voltage: Max95V

Hot start welding

Pre-set (voltage/amp)

WELDING DC GENERATOR

Rated Current (CC Single/Dual)	480A / 230 A (60/80% duty cycle)
(CV Single/Dual)	480A / 230 A (60/80% duty cycle)
Rated Voltage (CC Single/Dual)	39.2/29.2 V (60/80% duty cycle)
(CV Single/Dual)	39.0/22.5 V (60/80% duty cycle)
Current Adj. Range (CC Single/Dual)	(50Hz:60-500 A / 30-280 A) (60Hz:65-500A / 35-280A)
(CV Single/Dual)	14.0-40.0V / 14.0-29.0V
No Load Voltage	Max 95V

AC GENERATOR

Rated Frequency	50/60 Hz
Phase Options	Single Phase only
Rated Output	3.5 / 3.8 kVA
Rated Voltage	110 / 120 V
Power Factor	1.0
Receptacles	15A x 2 (Total 3.5/3.8kVA)

ENGINE

Model	Kubota V1505
Engine Type	Vertical, Water-cooled, 4-cycle diesel
Displacement	1.498 Liter
Rated Output (kW/min ⁻¹)	29.0 / 3600 (Gross Intermittent)
Fuel Tank Capacity	63 Liters

NOISE LEVEL, DIMENSIONS

Low Noise Level (at 7m)	57dB(A) @ No load
Overall Dimensions (mm)	(L) 1680-(W) 700-(H) 950
Dry Weight (kg)	613kg



Pre-set dial (Easy to set welding output)

Emergency stop switch

**Single/Dual Selector Switch,
CV/CC selector switch, Rod Selector Switch**



Remote Control receptacle



**14-pin Connector
(Optional Wire feeder Control)**



Arc Control Dial (for CC mode)

Stable (SOFT) welding Arc: negative (-) dial side
Strong (CRISP) welding Arc: positive (+) dial side

Main & Earth Leakage Circuit Breaker



**1 phase 110/120V output
receptacle (15A) x 2 pcs**

