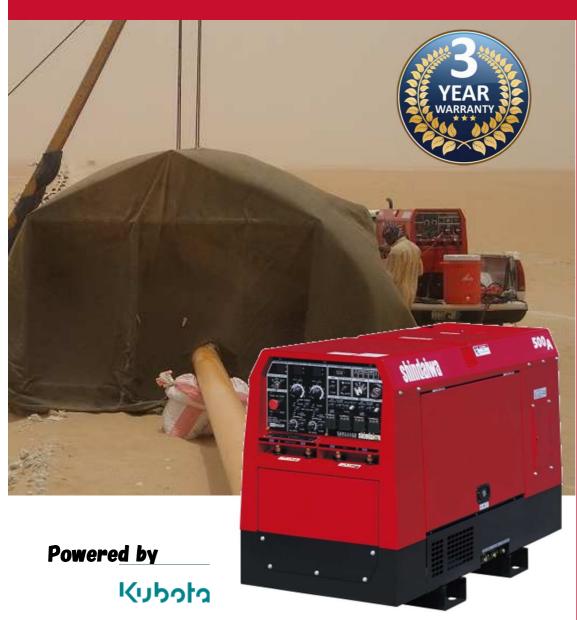
# Shindaiwa DGW500DM/ARAM





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 !!

**Welding mode** 

CC/CV

Single/Dual

60-500/65-500A Single 30-280/35-280A Dual

**Cellulose rod** 

**Low hydrogen rod** 

Gouging

φ3.2-5.0/9.5 <sub>mm</sub>

**Generating mode** 

**3.5/3.8kVA 1phase** 

**110/120V** only

Sound Level (7m)@no load



**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)** 

<sup>\*</sup> EPA Interim T4 (Engine), EMC, IP44(receptacles), IP24 complied



# DGW500DM/ARAM Diesel driven engine welder/generator

#### 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<sup>5</sup>) 29.0 / 3600 (Gross Intermittent)

Fuel Tank Capacity 63 Liters

#### **NOISE LEVEL, DIMENSIONS**

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)



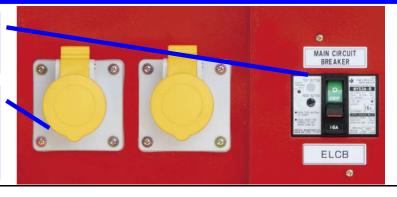
#### Arc Control Dial (for CC mode)

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





**Industrial Machinery Div.** 

Hiroshima, Japan

Distributed by:

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