

shindaiwa
WELDING PRODUCTS

DGW500DM The BEST asset
for pipe welding !



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

60-500/30-280 Amps

Cellulose / Various

Gouging

φ3.2-5.0/9.5 mm

Generating mode

AC
3phase / 1phase

13.2 / 6.6 KVA

Sound Level (7m)

57 dB(A)

Dimension / weight

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

613 kg

Standard features

Arc force control dial

Emergency stop switch

14pins input (W/F)

2pins input (R/C)

No Load Voltage: Max85V

Hot start welding

Pre-set (voltage/amp)

Digital meters

WELDING DC GENERATOR (50/60Hz)

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)	60-500 A / 30-280 A
(CV Single/Dual)	14-40 / 14-29 V
No Load Voltage	Max 85V

AC GENERATOR

Rated Frequency	50 Hz	
Phase Options	Single Phase	3-Phase
Rated Output	6.6kVA	13.2kVA
Rated Voltage	220 V	380 V
Power Factor	1.0	0.8
Receptacles	15A x 2	20A x 1

ENGINE

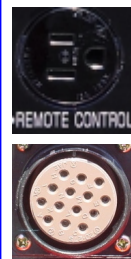
Model	Kubota V1505
Engine Type	Vertical, Water-cooled, 4-cycle diesel
Displacement	1.498 Liter
Rated Output (kW/min ⁻¹)	29.0 / 3600rpm (Gross Intermittent)
Fuel Tank Capacity	63 Liters

NOISE LEVEL, DIMENSIONS

Low Noise Level (@ 7m)	57dB(A)
Overall Dimensions (mm)	(L) 1680-(W) 700-(H) 950
Dry Weight (kg)	613kg



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



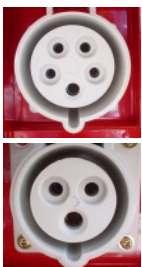
Remote Control receptacle

14-pin Connector
(Optional Wire feeder Control)

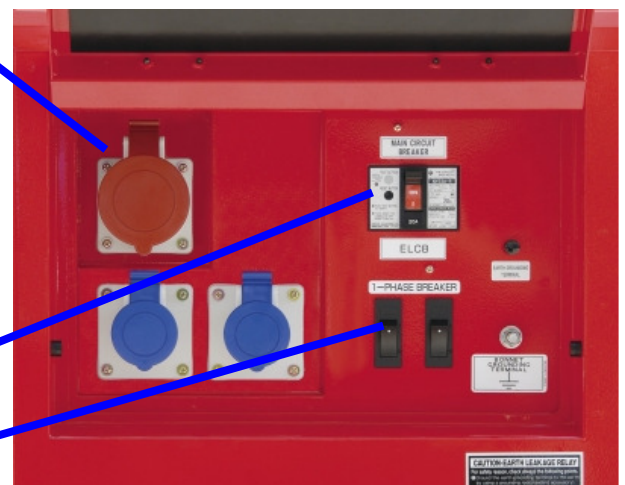


Arc Control Dial (for CC mode)

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



3 phase 380V output
receptacle (20A) x 1pc
1 phase 220V output
receptacle (15A) x 2 pcs



Main & Earth Leakage Circuit Breaker

2 Circuit Breakers for 1 phase