



DGW400DML-D4VU


Equipped with CV functionality, the top-tier Shindaiwa model DGW400DML-D4VU is ideal for high-quality welding in any work environment.



SPECIFICATIONS

(50 / 60Hz)			
Model		DGW400DML-D4VU	
Generating Method		Rotating Field	
Welding Generator	Operation		
	CC Droop	Single	Dual
		Rated Current (A)	360 / 380180 / 200
		Rated Voltage (V)	34.4 / 35.227.2 / 28.0
		Duty Cycle (%)	60100
		Current Adj. Range (A)	30 - 380 / 30 - 39030 - 200 / 30 - 210
		Welding Rod (Φ)	2.0 - 8.02.0 - 4.0
		Gouging Rod (Φ)	3.2 - 8.03.2 - 5.0
	CV	Rated Current (A)	330 / 340180 / 200
		Rated Voltage (V)	31.5 / 32.020.0 / 21.0
		Duty Cycle (%)	100100
		(Current Adj. Range (A))	(60 - 390 / 60 - 400)(60 - 200 / 60 - 210)
		Voltage Adj. Range (V)	14 - 34.5 / 14 - 3514 - 28 / 14 - 28.5
		Welding Wire (Φ)	0.6 - 2.00.6 - 1.6
	Rated Speed (min ⁻¹)		3000 / 3600
	No Load Voltage (V)		MAX 85
AC Generator	Rated Frequency (Hz)		50 / 60
	Rated Speed (min ⁻¹)		3000 / 3600
	Phase	1 Phase	3 Phase
	Rated Voltage (V)	220 / 240	380 / 415
	Rated Current (A)	14.5Ax3 / 15Ax3	18.2Ax1 / 20Ax1
	Rated Output (kVA)	9.6 / 10.8	12 / 14.4
	Power Factor	1.0	0.8
	Rating		Continuous

Powered by
Kubota



(50 / 60Hz)

Model		DGW400DML-D4VU
Engine	Model	Kubota D902
	Type	Vertical, Water-Cooled 4-Cycle Diesel Engine
	Displacement (L)	0.898
	Rated Output (kW/min ⁻¹)	15.0 / 3000 17.6 / 3600
	Fuel	ASTM No.2-D Diesel Fuel or Equivalent
	Lubricant Oil	API Class CF or better (CJ excluded)
	Lubrication Oil Volume (L)	3.6 (Effective 1.7)
	Cooling Water Volume (L)	4.0 (Sub Tank Capacity 0.6 L included)
	Starting Method	Starter Motor
Battery		46B24L (Japanese Industrial Standard)
Fuel Tank Capacity (L)		43
Dimension	Length (mm)	1435
	Width (mm)	700
	Height (mm)	848
Dry Weight (kg)		474
Net Weight (kg)		521

CONTROL PANEL



1. AC Meter Selector
2. AC Meter
3. ECO Drive Display
4. DC Meter
5. VRD Lamp
6. Single/Dual Selector
7. Output Control Dial
8. Weld Mode Selector
9. Arc Control Dial
10. Emergency Stop Switch
11. Idle Control Switch
12. RUN/STOP Switch
13. Starter Switch
14. Monitor Lamp
15. Hour Meter
16. Fuel Meter
17. Weld Terminals Switch
18. Wire Feeder Voltmeter Selector
19. Circuit Protector for Wire Feeder
20. 14-Pin Connector
21. 9-Pin Connector
22. Weld Terminals A
23. Weld Terminals B

AC Output Panel



24. 3-P 380/415V Receptacle
25. 1-P 220/240V Receptacle
26. 3-P 380/415V Breaker
27. Earth Leakage Circuit Breaker (ELCB)
28. 1-P 220/240V Breaker
29. Bonnet Grounding Terminal

FEATURES

Real dual system **RealDual**®

Utilizes a single engine to offer two welding arcs. Reduces purchasing costs and contributes significantly to work efficiency.

IGBT control

Excellent arc control and response speed. IGBT inverter technology enables stable and high-quality welding.

Eco drive

Operating at an optimal speed to reduce the noise, exhaust gas and fuel consumption.

Low noise

Minimal operating noise with a top-class low noise level. Ideal for communication and reducing worker fatigue at worksites.

Robust Alternator

In-house designed and manufactured brushless alternator ensures reliable performance, even in sandy, dusty, and extreme heat condition.

Spill Containment

Prevents fuel and oil leakage into rivers or soil. Rain-resistant design helps protect during operation.

Reliable engine

Kubota D902 one of the most hardworking, efficient and cleanest running diesel engines on the market.

Variety of applications

Offers CC, CV, Lift TIG, Scratch TIG, Droop (Pipe Mode), and Gouging for efficient, high-quality welding and productivity.