



## NOMAD300s

### CC/CV MULTIPROCESS

Product Codes: 00041841

The NOMAD 300S is built for the construction, pipeline, and mining industry. This 320Amp unit offers superior weld performance on various weld processes combined with single phase auxiliary capabilities. This unit is built with production, cost of ownership and ease of use in mind. Offering various processes with full arc controls, combined with smart engine controls, this unit offers unrivaled performance and fuel efficiency. This unit also offers industry leading sound levels at only 65Decibels @7m making it ideal for noise sensitive areas as well as crew communications.



### FEATURES

- FULL CC/CV CAPABILITIES
- 2 X 230V AUXILIARY PORTS
- BUILT IN VRD FOR MINING REGULATIONS
- BUILT IN WATER, DIESEL & OIL TRAP ELIMINATING THE USE OF DRIP TRAYS
- 3 YEAR WARRANTY PARTS & LABOR ON WELDING END
- STANDARD INTERNATIONAL KUBOTA WARRANTY ON ENGINE
- REMOTE CONTROL CAPABILITY ON GTAW & SMAW MODE
- SUITCASE WIRE FEEDER COMPATIBLE FOR FLUXCORED & GMAW PROCESSES
- EASY ACCESS FROM BOTH SIDES OF THE MACHINE FOR MAINTENANCE & SERVICE
- BATTERY CUT OFF SWITCH
- INTUITIVE CONTROL PANEL WITH DIGITAL DISPLAY

### OUTPUT RANGE

30-320 Amps

### DIMENSIONS L X W X H

1363mm x 635mm x 828mm

### DRY WEIGHT

330kg

### APPLICATIONS

- Pipe Line
- Construction
- Civil Engineering
- Rental
- Offshore
- Fabrication
- Mining
- Rail Road
- Service Truck
- Maintenance and Repair

### WELDING PROCESS

SMAW / Lift GTAW / FCAW / Pipe mode / Scratch TIG / GMAW



Preset welding current



CC/CV Welding mode



Stop engine immediately



Max open circuit voltage



CC/CV/Droop Welding mode selector



Voltage regulation device OCV less than 15



Adjust arc strength between soft and crisp



Containment to prevent leakage of fuel and oil

Output DC/CC

Input **3** PHASE POWER 50 HZ/60 HZ AC 380V ±15%



## SPECIFICATION

### WELDING DC GENERATOR

Generating Method	Permanent Magnet Rotating Field
Rated Speed (min-1)	3000
No Load Voltage (V)	MAX85
<b>CC Droop</b>	<b>Single</b>
Rated Current (A)	270
Rated Voltage (V)	30.8
Duty Cycle (%)	100
Current Adj. Range (A)	30-320
Welding Rod Capacity (mm)	φ 2.0-6.0
Gouging Rod (mm)	φ 3.2-6.5
<b>CV</b>	<b>Single</b>
Rated Current (A)	270
Rated Voltage (V)	26.5
Duty Cycle (%)	100
Current Adj. Range (A)	30-320
Voltage Adj. Range (V)	14-31
Welding Wire	0.6-2.0

### AC GENERATOR

<b>Single &amp; Dual</b>	
Rated Frequency (Hz)	50   60
Rated Speed (min-1)	3000
Phase	1 Phase
Rated Voltage (V)	220
Rated Current (A)	TOTAL 22.7 (2 Receptacles)
Rated Output (kVA)	5.0
Power Factor	1.0
Rating	Continuous

### DIMENSIONS

<b>Single &amp; Dual</b>	
Overall Dimensions (mm)	(L)1363 x (W)635 X (H)823
Dry Weight (kg)	330
Net Weight	371



Powered by **Kubota**

### ENGINE

Model	Engine Type	Displacement (L)	Rated Output (kW/min-1)	Fuel Tank Capacity (L)
KUBOTA D722-E3B	Vertical, Water-cooled, 3 cylinder diesel	0.719L	15.0/3000 17.6/3600	37L



### SPILL CONTAINMENT/RAIN WATER PROTECTION

Incorporated to follow environmental regulations.

- A factory-equipped spill containment, keeps fuel, oil, and coolant inside avoiding ground contamination.
- An unique ventilation hole will guide trapped rain water outside the spill containment and drain it separately.



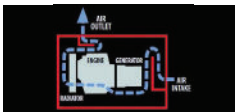
### ROBUST ALTERNATOR

The uniquely varnish coated alternator offers extreme protection against harsh environmental elements including sand, gravel, dust, and extreme heat conditions.



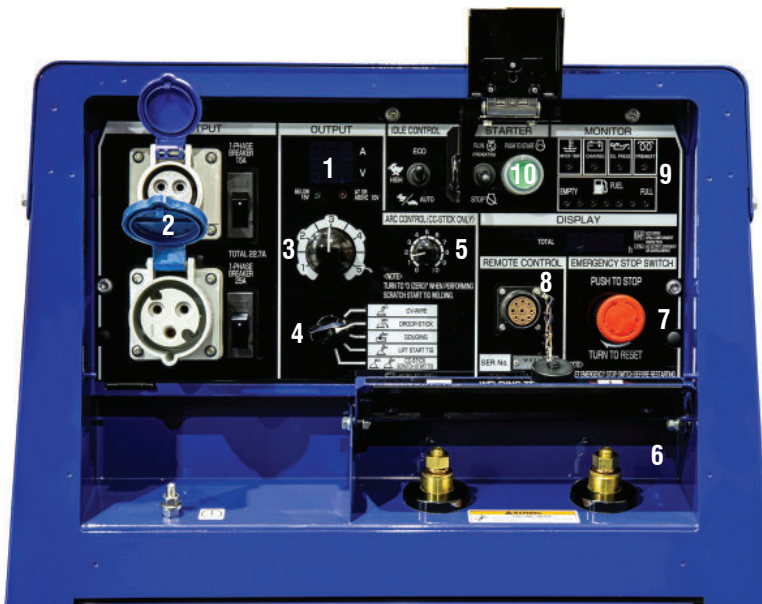
### ECO MODE

Engine speed optimization against workload ensures engine runs at optimal speed resulting in lower fuel consumption, less noise, as well as gas emission reduction.



### SUPER QUIET

The Nomad ensures the lowest noise level in the Industry at only 65Decibels @ 7 meters. This makes for a safer quieter work environment with better communications and also makes it suitable for construction sites in urban areas.



1. Digital AMP/Volt display
2. 230V Auxiliary sockets
3. Current/Voltage Adjustment
4. Weld Mode Selector
5. Arc Controls
6. Welding Terminals
7. Emergency Switch
8. Remote Control Socket
9. Indicator Panel
10. Push Start



## ADDITIONAL ITEMS

### UNIARC PRO WELDING JACKET

Size Breakdown	
40689	SMALL
40690	MEDIUM
40691	LARGE
40692	EXTRA LARGE
40693	2XL
40694	3XL



### WELDING HELMET

Code	Model	Description
36944	ADF815S	TM16 BLUE TM16-ADF815S B
36945	ADF815S	TM16 BLACK AND WHITE TM16-ADF815S BW
36946	ADF725S	M17 GLOSS BLACK TM17-ADF725S B
36947	ADF725S	TM17 RED TM17-ADF725S R
40961	TM1000	TM1000 BLACK FLIP FRONT AUTO DARKENIG HELMET
16221	WC715	UNIARC WELDCREW AUTO DARKENIG HELMET
41826		NECK PROTECTION TECMEN NP003
41827		HP011-B EXTENDED HEAD PROTECTION TECMEN HELMETS



41826



41827



36944

36945

40961

36946

36947

16221

## OPTIONAL EXTRA

# LIGHT TOWER



**COPYRIGHT© 2024 RENTTECH SOUTH AFRICA**

Renttech SA reserves the right to make changes to specifications of products described at any time without notice and without obligation to notify any person of such changes. Weight and dimensions are approximate. Names or products not mentioned may be registered trademarks or trademarks of the company.

BLOEMFONTEIN +2751 430 8310/14  
CAPE TOWN +2721 511 1160  
DURBAN +2731 902 7595/+2787 158 5819  
EAST LONDON +2743 736 6440  
EMALAHLENI (WITBANK) +2713 697 3030  
KATHU +2783 382 6876  
LEPHALALE (ELLISRAS) +2714 763 4150  
PORT ELIZABETH +2741 484 4624/7

RICHARDS BAY +2735 751 1965  
RUSTENBURG +2714 592 1667/9  
SASOLBURG +2716 971 2868  
SECUNDA +2717 631 3815

HEAD OFFICE +2711 824 0410/0074/1424/0414  
GAUTENG SALES BRANCH +2710 003 7400



VISIT OUR WEBSITE  
[WWW.RENTTECHSA.CO.ZA](http://WWW.RENTTECHSA.CO.ZA)

@RenttechAfrica /RenttechSA/ @renttech\_sa

