



NOMAD600 DUAL-AIR VARIOUS WELD PROCESSES (380V)

The Nomad 600 Dual-Air is built for the construction, pipeline, and mining industry, the Nomad 600 Dual-Air offers superior weld performance on various weld processes combined with single and three phase auxiliary capabilities. This unit is built with production, cost of ownership and ease of use in mind. Offering dual welding arcs on 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. This unit also has a built in compressor to support both plasma and gouging operations



ISO 9001

PRODUCT CODE:
00041427

OPTIONAL EXTRA

UNIFEED24
WIRE FEEDER

FEATURES

- WELD 2 PROCESSES/ARCS SIMULTANEOUSLY
- FULL CC/CV CAPABILITIES
- 220V & 380V AUXILIARY PORTS
- BUILT IN VRD FOR MINING REGULATIONS
- BUILT IN WATER, DIESEL & OIL TRAP ELIMINATING THE USE OF DRIP TRAYS
- REMOTE CONTROL FOR BOTH ARCS 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
- THIS UNIT ALSO OFFERS A BRUSH-LESS ALTERNATOR REDUCING YEARLY MAINTENANCE COST
- AUXILIARY MAINTENANCE FREE SCROLL COMPRESSOR DELIVERING BETWEEN 24 AND 30CFM FOR GOUGING AND PLASMA OPERATIONS
- 3 YEAR PARTS AND LABOUR WARRANTY
- 1 YEAR STANDARD WARRANTY ON ENGINE BY KUBOTA SUBJECT TO THEIR WARRANTY CONDITIONS

*Engine and engine accessories are warranted by the engine or engine accessory manufacturer

DIMENSIONS L X W X H

1900mm. X 950mm X 1515mm

DRY WEIGHT

1300kg

APPLICATIONS

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

WELDING PROCESS

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

Preset
welding currentCC/CV
Welding modeStop engine
immediatelyMax open circuit
voltageCC/CV/Droop
Welding mode selectorVoltage regulation device
OCV less than 15Adjust arc strength
between soft and crispContainment to prevent
leakage of fuel and oil

SPECIFICATION

WELDING GENERATOR

CC DROOP	SINGLE	DUAL
RATED CURRENT (A)	570	300
RATED VOLTAGE (V)	42.8	32.0
DUTY CYCLE (%)	60	100
CURRENT ADJ. RANGE (A)	30 – 600	30 – 340
WELDING ROD (Φ)	2.0 – 8.0	2.0 – 6.0
GOUGING ROD (Φ)	3.2 – 11.0	3.2 – 8.0
RATED SPEED (MIN-1)	1500 / 1800	
NO LOAD VOLTAGE (V)	MAX 85	
CV	SINGLE	DUAL
RATED CURRENT (A)	520	300
RATED VOLTAGE (V)	40.8	28.0
DUTY CYCLE (%)	100	100
CURRENT ADJ. RANGE (A)	(60 – 600)	(60 – 340)
VOLTAGE ADJ. RANGE (V)	14 – 44	14 – 32
WELDING WIRE (Φ)	MIG/MAG	0.6 – 1.2
	SELF-SHIELDED	0.9 – 2.4
RATED SPEED (MIN-1)	1500 / 1800	
NO LOAD VOLTAGE (V)	MAX 85	

AC GENERATOR

OPERATION	SINGLE	DUAL
RATED FREQUENCY (Hz)	50 / 60	
RATED SPEED (MIN-1)	1500 / 1800	
PHASE	1-PHASE	3-PHASE
RATED VOLTAGE (V)	220 / 240	380 / 415
RATED CURRENT (A)	14.5Ax3 / 15Ax3	27.3Ax1 / 30Ax1
RATED OUTPUT (kVA)	9.6 / 10.8	18.0 / 21.5
POWER FACTOR	1.0	0.8
RATING	Rating Continuous	

ENGINE

SPECIFICATION	SINGLE	DUAL
MODEL (MANUFACTURER)	Kubota V3600-T	
TYPE	Vertical, Water-Cooled 4-Cycle Diesel Engine	
DISPLACEMENT (L)	3.620	
RATED OUTPUT (KW / MIN-1)	39.4 / 1500	44.9 / 1800
FUEL	ASTM No.2-D Fuel or Equivalent	
LUBRICANT OIL	API Class CF or better (CJ excluded)	
FUEL TANK CAPACITY (L)	105	
LUBRICATION OIL VOLUME (L)	13.2 (Effective 4.4)	
COOLING WATER VOLUME (L)	6.0 (Sub Tank Capacity 1.1 L included)	
STARTING MOTOR CAPACITY (V - KW)	12 – 3.0	
CHARGING ALTERNATOR CAPACITY (V - W)	12 - 360	
BATTERY CAPACITY (V - AH)	12 - 55 (80D26R)	

COMPRESSOR

OPERATION	
RATED OUTPUT (KW)	7.5
LUBRICATION SYSTEM	Oil-free
COOLING SYSTEM	Air-cooling
WORKING PRESSURE (PSI / MPA)	116 / 0.8
FREE AIR DELIVERY (CFM)	24 / 30

DIMENSIONS

SINGLE & DUAL	
OVERALL DIMENSIONS (MM)	(L)1900 X (W)950 X (H)1515
DRY WEIGHT (KG)	1300
NET WEIGHT (KG)	1422



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OPTIONAL EXTRA

UNIFEED24
WIRE FEEDER

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.



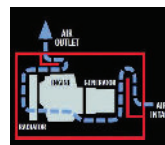
ECO MODE

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



WELDING MODE

The Nomads' alternator makes use of unique in-coil winding technology allowing each welding output to function independently without any arc or electrical interference when used simultaneously



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.

ADDITIONAL ITEMS

UNIARC PRO WELDING JACKET

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



WELDING HELMET

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



36944



36945



40961



36946



36947



16221



41826

41827

OPTIONAL EXTRA

CUT125PRO



OPTIONAL EXTRA

LIGHTTOWER

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