



THERMAL ARC

Professional

ENGINE DRIVEN

RAIDER® 10000 PRO



PROCESS	MIG	FLUX CORED	STICK	LIFT TIG	CAC-A
Part Number	Rated Output @ Duty Cycle		Output Range	Dimensions (H x W x D)	Net Weight
11-1021	CC / DC: 250 A / 25 V @ 100% CV / DC: 225 A / 25 V @ 100%		15 - 270 Amps 16 - 30 Volts	27.9" x 20.9" x 42.5" 710 x 530 x 1080 (mm)	542 lbs. (246 kg)

The Raider® is a multiple process machine capable of high quality welding. Its heavy-duty design, built to fit on a truck or trailer, provides high performance on STICK / Lift Start TIG /MIG and Carbon Arc Gouging at 100% Duty Cycle @ 250 Amps weld output. The unique Power-Plus® patented alternator delivers a smooth weld output. Its brushless design increases efficiency reducing maintenance and extending the life of the machine. Separate windings are used for welding and auxiliary power, offering the highest quality auxiliary power. A rugged 20 HP, 2-cylinder, gas fueled, air-cooled Honda engine, powers the generator.

Standard features include HF protection, warning systems, muffler and rain cap, low oil level shutdown, and the idle automatically adjusts for amperage draw and efficient fuel consumption. The Raider 10000 Pro is designed to deliver the best available welds/auxiliary power for contractors, owner-operators and welding professionals.

Machine Specifications

Engine	Honda GX620K1VX
Type	2-Cylinder, Air-Cooled, Gas
Auxiliary Power	460 V, 60 Hz, 3 Phase, 10 kVA 230 V, 60 Hz, 1 Phase, 8.5 kVA 115 V, 60 Hz, 1 Phase, 8.5 kVA
HP & Welding Speed	20 HP @ 3,600 RPM
Idle Speed	2,400 RPM
Fuel Tank	10 gal. / 38 L
Oil Capacity	0.42 gal / 1.5 L
Fuel Consumption @ Rate Load	.0862 gal/Kwh / 313 g/Kwh
Battery	12 Volt; Cold Cranking Amps 500
Welding Output Connector	1/2" / 50mm Dinse Connector
Lifting Eye	2" / 50mm Diameter Hook
Noise Levels at 23' (7m)	
Idle	67 dba
No Load	80 dba
Rated Load	81 dba
Approvals	CSA, IP23S

... ON THE MOVE

Features	Benefits
Auxiliary Power	115/230/460 Auxiliary power available while welding
14 Pin Receptacle	14 pin amphenol for remote control of welding contactor, amperage & Voltage
Dinse Twist Lock Output Terminals	Rugged output terminals allows for easy polarity reversal and cable change
Honda 20 HP Engine	Offers easy start, low fuel consumption and reduced noise
One Turn Welding Control Knob	Controls welding amperage & voltage for the complete range of the machine
E6010 Performance	Outstanding low end performance especially on E6010 electrode operation
Warning System	Low oil level shutdown, battery charge shut-down
Automatic Idle	Automatically adjusts to amperage draw
Full Canopy Design	Rugged Heavy Duty Stainless Steel full Canopy Design

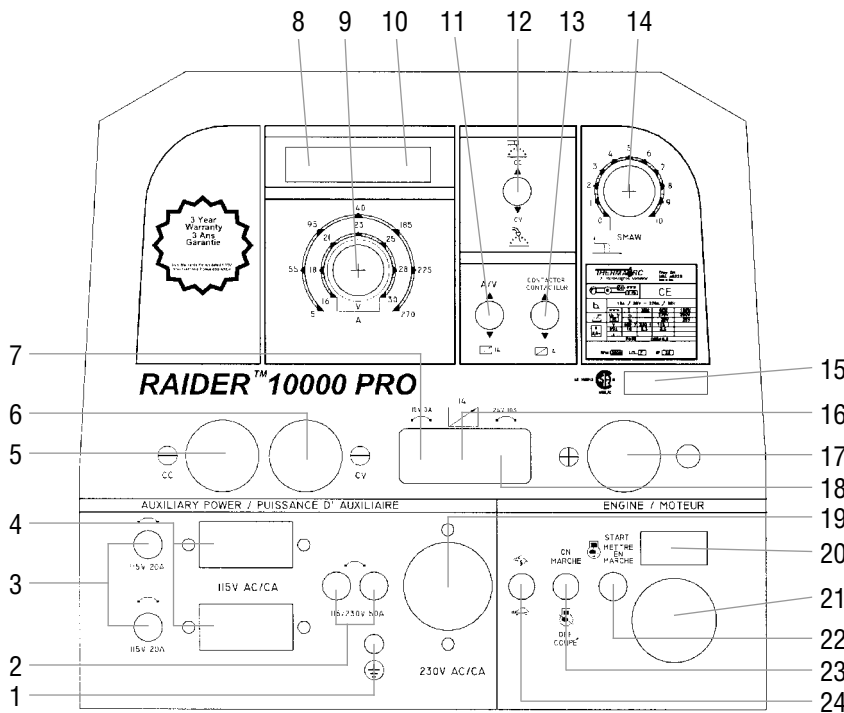
Compatibility

The Raider® 10000 Pro can be accessorized with the Thermal Arc Hefty® II CC/CV, Hefty® II Stainless and Portafeed® 17A wire feeders for maximum MIG welding productivity.



Control Panel

Front Panel



1. Earth Connection
2. 230/115V 50A Circuit Breakers
3. 115V 20A Circuit Breakers
4. GFCI 115V Duplex Receptacle
5. Work Welding Receptacle (Constant Current)
6. Welding Receptacle (Constant Voltage)
7. 115V 3A Circuit Breaker
8. Oil Level Lamp
9. Amperage/Voltage Control knob
10. Battery Charge Lamp
11. Remote Control Amperage/Voltage Switch
12. Process Selector Switch
13. Remote Control Contactor Switch
14. Arc Control
15. Serial Number
16. 14 Pin Receptacle
17. Electrode Welding Receptacle
18. 24V 10A Circuit Breaker
19. 230/115V Single Phase Receptacle
20. Hour Meter
21. 460V 3 Phase Access
22. Fuel Gauge
22. Start Control
23. ON/OFF Control
24. Idle Control

Ordering Information

Part No.

Part No.

Power-Plus® Raider® 10000 Pro

115 / 230 VAC, 1 Phase - 460 VAC, 3 Phase
Auxiliary Power

11-1021

ACCESSORIES

STICK KIT

Includes Work Clamp with 12' cable, and Stick Electrode holder with 15' cable

10-4082

TIG KIT

Includes Regulator/Flowmeter, 12.5' Air-cooled Torch, Torch Accessory Kit, Work Clamp w/12' cable

10-4080

DINSE CONNECTOR

10-2020

EXTENSION CABLE

3ft. (90cm) 14 pin (male) to 14 pin (female)

10-2030

15ft. (4.6m) 14 pin (male) to 14 pin (female)

10-2031

25ft. (7.6m) 14 pin (male) to 14 pin (female)

10-2032

50ft. (15.2m) 14 pin (male) to 14 pin (female)

10-2033

75ft. (22.8m) 14 pin (male) to 14 pin (female)

10-2034

100ft (30.4m) 14 pin (male) to 14 pin (female)

10-2035

ACCESSORIES (cont.)

TORCH SWITCH

25ft. (7.6m) 14 pin (male) – torch mounted on/off

10-2001

25ft. (7.6m) 14 pin (male) – adapts to 5/8" - 7/8" (16mm - 22mm) torch handle

10-2002

25ft. (7.6m) 14 pin (male) – adapts to 7/8" - 1-1/8" (22mm - 29mm) torch handle

10-2003

25ft. (7.6m) 14 pin (male) – adapts to 1-1/8" - 1-3/8" (29mm - 35mm) torch handle

10-2004

HAND PENDANT

25ft. (7.6m) 14 pin (male)

10-2005

FOOT CONTROL

15ft. (4.6m) 14 pin (male)

10-2008

25ft. (7.6m) 14 pin (male)

10-2007

CANVAS COVER - Gray w/ Black Logo

600009

RUNNING GEAR

11-3648

HIGHWAY READY TRAILER

11-2024

ELECTRIC FUEL PUMP

800092

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