

iGXV700 Vertical Crankshaft



- Electronic Fuel Injection. The EFI configuration offers a number of performance enhancements for the new Honda V-twin engines
- DBW (Drive-by-Wire)
- STR (Self Tuning Regulator) governor
- Integration of the ECU architecture into new V-Twin models.
- Digital CDI ignition system with variable timing



SPECIFICATIONS

Engine Type	V-twin, Air-cooled, 4-stroke, OHV	Bore x Stroke	78 mm x 72 mm
Displacement	688 cm ³ (42 CID)	Net Power Output*	22.1 HP (16.5 kW) @ 3,600 rpm
Net Torque	35.6 lbf-ft (48.3 N-m) @ 2,500 rpm	PTO Shaft Rotation	Counterclockwise (from PTO shaft side)
Compression Ratio	9.3:1	Fuel Tank Capacity	N/A
Lamp/Charge coil options	17A	Fuel System	Electronic Fuel Injection
Throttle Control	Electric	Ignition System	Digital CDI with variable ignition timing
Starting System	Electric	Lubrication System	Full Pressure
Governor System	Electronic Governor (STR - Self Tuning Regulator)	Air Cleaner	Dual element (foam pre-cleaner & paper air cleaner)
Oil Capacity	2.0 litres (2.1 US qts.)	Oil Filter	Automotive Spin-On Style
Fuel	Unleaded 86 octane or higher	Dry Weight	49.9 kg (110.0 lb)

DIMENSIONS

Length (min)	642 mm (25.3 in.)	Width (min)	493 mm (19.4 in.)
Height (min)	462 mm (18.2 in.)		

PTO_SHAFT_OPTIONS

G type	Straight shaft (28.575 mm (diameter), L = 108 mm)	Q type	Straight shaft (25.4 mm (diameter))
T type	Straight shaft (28.575 mm (diameter), L = 97.5 mm)		

*The power rating of the engine indicated in this document is the net power output tested on a production engine for the engine model and measured in accordance with SAE J1349 at 3,600 rpm (net power) and at 2,500 rpm (max net torque). Mass production engines may vary from this value. Actual power output for the engine installed in the final machine will vary depending on numerous factors, including the operating speed of the engine in application, environmental conditions, maintenance, and other variables.

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For optimum performance and safety, please read your owner's manual before operating your Honda product. Always wear the appropriate safety gear when operating your Honda.

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