

# TECHNICAL FEATURES

	660 HY WS POWERSAFE®		
ENGINE	Honda	Briggs&Statton	Yanmar
MODEL	GX390 Alps	Vanguard	LN100
FUEL	Gasoline	Gasoline	Diesel
STARTER	Recoil	Recoil	Recoil
POWER (KW/HP)	8.7 / 11.7	11.9 / 16	7.5 / 10
COOLING	Air	Air	Air
FORWARD MOTION TRANSMISSION	Hydrostatic with two speed ranges selected with a mechanical control. Hydrostatic pump maximum rated speed: 3000 rpm with engine at 3600 rpm.		
	Small hydrostatic pump-engine unit in light alloy with high pressure circuit which is separate with respect to the circuit for the PowerSafe clutch and axial-centrifugal cooling fan.		
	Hydraulic intake circuit with larger filter with replaceable spin-on cartridge.		
	Transmission from the gearbox main shaft to the hydrostatic unit pump by means of cylindrical gears in oil bath with helical teeth.		
	Transmission from the hydrostatic motor to the gearbox by means of cylindrical gears in oil bath with straight teeth.		
FORWARD MOTION COMMAND	Automatic parking brake (Auto-hold). Manual release mechanism protected by a safety lock to prevent accidental triggering allows forced manoeuvres to be carried out.		
FORWARD MOTION COMMAND	With "EasyGrip" lever or motorcyclist "EasyRider" rotating knob, both with central stop position and Bowden cables.		
SPEED	Forward: slow speed range from 0 to 4.7 km/h - fast speed range from 0 to 7.0 km/h. Reverse: slow speed range from 0 to 4.3 km/h - fast speed range from 0 to 6.3 km/h.		
TRANSMISSION AT POWER TAKE-OFF	Mechanics with gears in oil bath. Power Take-Off with mechanical release in oil bath with independent transmission control.		
	Quick hitch for three-teeth attachments (patented), including cast iron bush built into the front cover.		
PTO	At 990 rpm with mechanical release in oil bath and independent transmission control.		
CLUTCH	PowerSafe with multiple steel discs in oil bath and hydraulic drive. Connected directly to the engine.		
	Integrated oil pump controlled directly by the engine shaft, built-in automatic brake with dual control.		
AXLES	Brake-clutch steering mechanisms with multiple steel discs in oil bath housed in closed cases on both wheels. Final cascade reduction units with cylindrical gears in oil bath.		
STEERING CONTROLS	Levers situated on either side of the handlebar grips operated by hydraulic distributors via Bowden cables. Right steering control is replicated on the left handlebar.		
HANDLEBARS	Adjustable in height and sideways mounted on silent blocks.		
SAFETY DEVICES	In compliance with EC regulations.		
WHEELS/TRACKS	In rubber: 5.0-10, 21x11.00-8 Terra Tyre, 20x8.00-10 Lug Tyre and Garden, 23x8.50-12. In steel: "Super bite" steel cage, steep slope traction wheels 3x300 and 4x400. Rubber tracks.		
WEIGHT	With GX390 Alps engine, 5.0-10 wheels, transmissions in oil bath and 135 cm cutter bar: 220 kg.		

