

LIGCHINE

THE ORIGINAL POWER BUGGY



Ligchine® is proud to welcome The Original Power Buggy to its product lineup, building on its strong legacy while continuing Ligchine's commitment to innovation, quality, and growth within the construction equipment market. This addition reinforces our dedication to delivering industry-leading solutions to the concrete industry.

The Power Buggy is a quick and versatile ride-on material mover with a proud legacy in the concrete construction industry. Some key features of these machines include:

- Simultaneous dump and drive capability allows for feathering of load in forward and reverse.
- Operator's platform and control system enable comfortable and convenient operation of the machine.
- Power is supplied through a heavy-duty hydraulic pump and two high-efficiency drive motors.
- Clean and straightforward control panel.
- Exceptional traction and control featuring a heavy-duty welded chassis.
- Ideal for moving concrete, stone, mulch, and moving through tight spaces.
- Industry's largest and highest efficiency wheel motors, allowing for higher speeds and more reliable braking.
- Foot-operated dump level allows the operator to keep both hands on the steering wheel.
- Carry material up to 3,200 lbs at speeds of 7.25 mph
- Three power options to choose from: gasoline, propane, or electric-powered.
- Propane PB16LP Benefits
 - Lower Fuel Costs
 - Cleaner Exhaust Emissions
 - Less Carbon Build-Up
 - Extended Engine Life Expectancy
 - Closed Fuel System Inhibits Fuel Contamination
 - Compliant with OSHA, EPA & CARB standards.

MACHINE DETAILS & SPECS

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MODEL	PB16 / PB16E / PB16LP	IPB21	EPB48-16
Wheelbase	43 in (109.2 cm)	43 in (109.2 cm)	43 in (109.2 cm)
Overall Length	103 in (261.6 cm)	101.5 in (257.8 cm)	111 in (281.9 cm)
Overall Width (Single Wheels)	35.5 in (90.2 cm)	N/A	N/A
Overall Width (Dual Wheels)	47 in (119.4 cm)	47 in (119.4 cm)	46 in (116.8 cm)
Overall Height	53 in (134.6 cm)	56 in (142 cm)	53 in (135 cm)
Maximum Load	2,500 lbs (1,136 kg)	3,200 lbs (1,455 kg)	2,500 lbs (1,136 kg)
Capacity	16 cu ft (453 L)	21 cu ft (595 L)	16 cu ft (453 L)
Discharge Height	3.5 in (8.9 cm)	5 in (12.7 cm)	7.5 in (19 cm)
Hydraulic Oil - Exxon Nuto #H68	11.5 qt (11.0 L)	11.5 qt (11.0 L)	24 qt (22.7 L)
Speed	7.25 mph (11.67 km/h) at 4,000 rpm	7.25 mph (11.67 km/h) at 4,000 rpm	5.6 mph (9.0 km/h)
Drive	Hydrostatic	Hydrostatic	Electric
Brakes	Hydraulically Controlled	Hydraulically Controlled	Electric
Parking Brake	Mechanical	Mechanical	Automatic Electric Mechanical
Dump	Variable Hydraulic	Variable Hydraulic	Electric
Power	Honda GX390 13 hp 13 hp E-start Propane	Vanguard B&S 18 hp	Six 12V Deep Cycle Batteries (48V system) Avg Run 13 mi (loaded)
Drive Tires	5.70 x 8 x 19	5.70 x 8 x 19	5.70 x 8 x 19
Steering Tires	4.80 x 8 x 16	4.80 x 8 x 16	4.80 x 8 x 16
Operating Weight	1,260 lbs (571.5 kg)	1,325 lbs (601 kg) Poly 1,480 lbs (671 kg) Steel	1,675 lbs (760 kg)
Shipping Weight	1,360 lbs (616.9 kg)	1,425 lbs (646 kg) Poly 1,580 lbs (717 kg) Steel	1,775 lbs (805.1 kg)

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