

# PB50 Features & Benefits

## Beyond Performance®

The PB50 Princeton Piggy Back® Delivery System is the most stable, reliable and powerful unit of its kind in the industry. Anti-stall hydraulics, 31" pneumatic sealed tires, center seating, 52-62 HP diesel engines and excellent stability make this the most flexible truck mounted forklift for rough terrain deliveries. This unit can deliver building supplies faster, safer and almost anywhere on a job site.

Best terrain & grade capability in the industry



The lumber package features load support

52-62 HP CAT® diesel engine

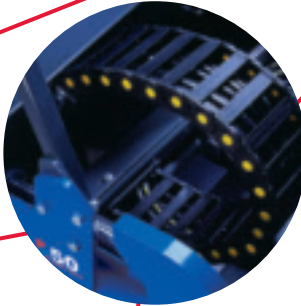


**CLEAR VIEW MAST**  
Available from 86" – 165" lift height. Corrosion Resistant Chain is standard.



**OVERHEAD GUARD**  
The PB50 is the only 5,000 lb unit in the industry with a certified roll over protected operator guard.

**IMPROVED OPERATOR ROOM**  
Center seating, a clear view mast and improved ergonomics, developed with the operator in mind.



**EASY HITCH® SYSTEM**  
The unit can be used on both Easy Hitch® and Moffett Mount systems.

**HYDRAULICS & BRAKES**  
Excellent hose, cylinder and wheel motor protection. Redesigned hydraulic routing. Dual front brakes are standard.



**TIRES**  
The 31" x 15.5" sealed pneumatic tires. Optional sand tires.

**TRACTION CONTROL**  
Full time 3 wheel drive runs up to 8mph. The flip of the switch traction control system runs 30% cooler than previous models.



**ANTI-STALL HYDRAULIC CONTROL**  
The Anti-Stall Hydraulic Control System automatically adjusts engine output to meet hydraulic demand. This feature insures maximum hydraulic performance while ensuring the engine cannot stall under load.

**ANSI SPECIFICATIONS**  
The PB50 meets or exceeds applicable ANSI B56.6 stability standards for rough terrain forklifts.



Arrive



Unhook



Raise up



Lower



Back-up



Drive away

### Easy Hitch® Mounting System:

- Ready to use in less than a minute
- 3 point safety: Hook, Pin & Slack Chain
- Compatible with other Princeton models



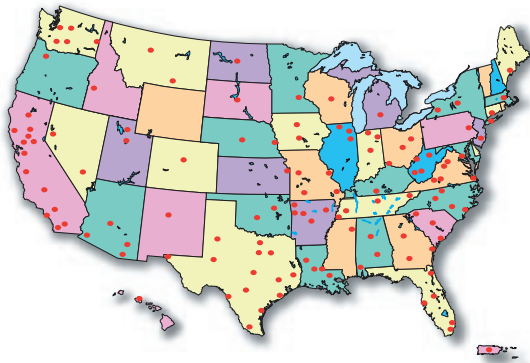
# PB50

## Technical Specifications

There are over 100 dealer locations throughout the USA. Your local dealer is:



Contact Princeton at 1-800-331-5851 or visit us at [www.piggy-back.com](http://www.piggy-back.com).



**Princeton Delivery Systems Inc.**  
8170 Dove Parkway  
Canal Winchester, Ohio 43110

	PB50	Options
Load Capacity @ 24" load center	5,000 lb	5,500 lb
Engine - Diesel	CAT®, 4 cylinder	CAT®, 4 cylinder, Turbo
Horsepower	52 HP	62 HP
Driven Wheels	3	
Anti Stall Hydraulic Control	Yes	
Brakes	Dual, Front	
Tires	31"x15.5", pneumatic	Sand Tire
Sealed Tires	Yes	
Speed	8mph	
Gradeability	50+%	
Turning Radius	78"	
Weight*	5,890 lb	(PB55) 6,250 lb
Lift Height	86"	120"/144"/154"/165"
Tilt Forward/Back	8°/8°	
Side Shift	8"	
Height, mast lowered	96"	101"/110"/118"/110"
Reach	Moving Mast	Double Reach
Seat Belt Interlock	Yes	
Certified Roll Over Protection	Yes	Weather Shield
Support Arms	No	Yes
Mounting System	Easy Hitch®	Moffett Mount
Overall Width	100"	
Cargo Bay Width	59"	
Overall Length	131"	
Overhang	80"	
Length under Truck	23"	
Ground Clearance	15"	
Warranty	1 year	24/36 months

\* Weight includes mast, forks, full size tires & fluids  
CAT® is a registered trademark of Caterpillar, Inc.



## PB50

### Product Guide

