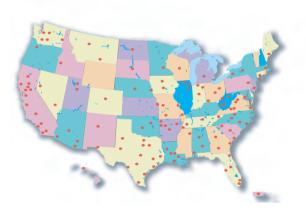


PB80 Technical Specifications

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.



Princeton Delivery Systems 415 E Dundee St. Ottawa KS USA 66067





The above specifications are not binding upon the manufacturer and may be changed without prior notice. Features shown in brochure do not always correspond to standard features.

Engine - DieselKubota® TurboHorsepower59 HP @2700 rpmDriven Wheels3Personnel Alert PackageYesDeluxe Seat and Steering WheelYesMust Stall Hydraulic ControlYesWeather ShieldYesTool BoxYesPre-CleanerYesBrakesDual, FrontTires31"x15.5"x15" (pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"Yes120"/144"Weight*7,130 lbT,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"NoYesSupport ArmsNoNoYesSupport ArmsNoVerall Width101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"		Features	Options
Horsepower59 HP @2700 rpmDriven Wheels3Personnel Alert PackageYesDeluxe Seat and Steering WheelYesDeluxe Seat and Steering WheelYesWeather ShieldYesTool BoxYesPre-CleanerYesBrakesDual, FrontTires31"x15.5"x15" (pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"120"/144"Weight*7,130 lb7,300 lb/7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"NoYesSeat Bell InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoNoYesSupport ArmsNoOverlauf Width101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"	Load Capacity @ 24" load center	8,000 lb	
Driven Wheels3Personnel Alert PackageYesDeluxe Seat and Steering WheelYesAnti Stall Hydraulic ControlYesWeather ShieldYesTool BoxYesPre-CleanerYesBrakesDual, FrontTires31"x15.5"x15" (pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"120"/144"Weight*7,130 lb7,300 lb/7,420 lb.Side Shift6.25"Height, mast lowered100"NoYesSeated ItrenckYesSeated ItrenckYesOverhead Guard (FOP/ROP)YesSupport ArmsNoMounting SystemEasy Hitch®Overlaul Width101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"	Engine - Diesel	Kubota® Turbo	
Personnel Alert PackageYesPersonnel Alert PackageYesDeluxe Seat and Steering WheelYesAnti Stall Hydraulic ControlYesWeather ShieldYesTool BoxYesPre-CleanerYesBrakesDual, FrontTires31"x15.5"x15" (pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"120"/144"Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"100"101"/110"ReachMoving MastHose Rupture SystemYesSupport ArmsNoMounting SystemEasy Hitch®Mounting SystemEasy Hitch®Overall Width101"Cargo Bay Width58.5"Overlang80"Length under Truck28"Ground Clearance12"	Horsepower	59 HP @2700 rpm	
Deluxe Seat and Steering WheelYesAnti Stall Hydraulic ControlYesWeather ShieldYesTool BoxYesPre-CleanerYesBrakesDual, FrontTires31"x15.5"x15" (pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"Yes120"/144"Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"100"101"/110"ReachMoving MastHose Rupture SystemYesSupport ArmsNoMounting SystemEasy Hitch®Overall Width101"101"23.5"Overall Length117" w/o ForksOverlang80"Length under Truck28"Ground Clearance12"	Driven Wheels	3	
Anti Stall Hydraulic ControlYesWeather ShieldYesTool BoxYesPre-CleanerYesBrakesDual, FrontTires31"x15.5"x15" (pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"Yes120"/144"Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"100"101"/110"ReachMoving MastHose Rupture SystemYesSupport ArmsNoNoYesSupport ArmsNoOverhaad Guard (FOP/ROP)YesSupport ArmsNoVerall Width101"Cargo Bay Width58.5"Overlang80"Length under Truck28"Ground Clearance12"	Personnel Alert Package	Yes	
Weather ShieldYesIndext stateTool BoxYesIndext statePre-CleanerYesIndext stateBrakesDual, FrontIndext stateBrakesDual, FrontIndext stateTires31"x15.5"x15" (pneumatic)Indext stateSealed TiresYesIndext stateSpeed7.5 mphIndext stateGradeability50+%Indext stateTurning Radius82"Indext stateLift Height86"120"/144"Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Indext stateSide Shift6.25"Indext stateHeight, mast lowered100"101"/110"ReachMoving MastIndext stateHose Rupture SystemYesIndext stateSupport ArmsNoYesSupport ArmsNoYesMounting SystemEasy Hitch®Overall Width101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"	Deluxe Seat and Steering Wheel	Yes	
Tool BoxYesTool BoxYesPre-CleanerYesBrakesDual, FrontTires31"x15.5"x15" (pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"120"/144"Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"100"101"/110"ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesSupport ArmsNoNoYesSupport ArmsNoOverhead Guard (FOP/ROP)YesSupport ArmsNoYesCargo Bay Width0verlang80"Length under Truck28"Ground Clearance12"	Anti Stall Hydraulic Control	Yes	
NotionNotPre-CleanerYesBrakesDual, FrontTires31"x15.5"x15" (pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"120"/144"Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"100"101"/110"ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesSupport ArmsNoYesSupport ArmsNoYesSupport ArmsEasy Hitch®Mounting SystemEasy Hitch®Overall Width101"Cargo Bay Width58.5"Overlang80"Length under Truck28"Ground Clearance12"	Weather Shield	Yes	
BrakesDual, FrontBrakesDual, FrontTires31"x15.5"x15" (pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"Yes120"/144"Weight*7,130 lbTilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"100"101"/110"ReachMoving MastHose Rupture SystemYesSupport ArmsNoYesSupport ArmsMounting SystemEasy Hitch®Overall Width101"Cargo Bay Width58.5"Overlang80"Length under Truck28"Ground Clearance12"	Tool Box	Yes	
Tires31"x15.5"x15" (pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"Yeight*7,130 lbTil Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"101"/110"ReachMoving MastHose Rupture SystemYesSupport ArmsNoYesSupport ArmsMounting SystemEasy Hitch®Overall Width101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"	Pre-Cleaner	Yes	
(pneumatic)Sealed TiresYesSpeed7.5 mphGradeability50+%Turning Radius82"Lift Height86"Yes120"/144"Weight*7,130 lbTilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"101"/110"ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesSupport ArmsNoMounting SystemEasy Hitch®Overhaed Guard (FOP/ROP)YesSupport ArmsNoYersSupport ArmsNoYesSupport Arms80"Overall Width101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"	Brakes	Dual, Front	
Speed7.5 mphGradeability50+%Turning Radius82"Lift Height86"120"/144"Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"101"/110"ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoYesMounting SystemEasy Hitch®Moffett MountOverall Width101"Cargo Bay Width58.5"OverhangLength under Truck28"28"Ground Clearance12"12"	Tires		
Gradeability50+%Turning Radius82"Lift Height86"120"/144"Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°5Side Shift6.25"101"/110"Height, mast lowered100"101"/110"ReachMoving Mast101"/110"Hose Rupture SystemYes5Seat Belt InterlockYes100"Overhead Guard (FOP/ROP)Yes101"/10"Support ArmsNoYesMounting SystemEasy Hitch®Moffett MountOverall Width101"101"Cargo Bay Width58.5"10"Overhang80"12"Length under Truck28"28"Ground Clearance12"12"	Sealed Tires	Yes	
Turning Radius82"Lift Height86"120"/144"Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"101"/110"ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoYesMounting SystemEasy Hitch®Moffett MountOverall Width101"101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"	Speed	7.5 mph	
Lift Height86"120"/144"Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"101"/110"ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoYesMounting SystemEasy Hitch®Moffett MountOverall Width101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"	Gradeability	50+%	
Weight*7,130 lb7,300 lb./7,420 lb.Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"101"/110"ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoYesMounting SystemEasy Hitch®Moffett MountOverall Width101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"	Turning Radius	82"	
Tilt Forward/Back8°/6°Side Shift6.25"Height, mast lowered100"101"/110"ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoYesMounting SystemEasy Hitch®Moffett MountOverall Width101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"	Lift Height	86"	120"/144"
Side Shift6.25"Height, mast lowered100"101"/110"ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoYesMounting SystemEasy Hitch®Moffett MountOverall Width101"Cargo Bay Width58.5"Overhang80"Length under Truck28"Ground Clearance12"	Weight*	7,130 lb	7,300 lb./7,420 lb.
Height, mast lowered100"101"/110"ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoYesYesMounting SystemEasy Hitch®Overall Width101"Cargo Bay Width58.5"Overlang80"Length under Truck28"Ground Clearance12"	Tilt Forward/Back	8°/6°	
ReachMoving MastHose Rupture SystemYesSeat Belt InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoMounting SystemEasy Hitch®Overall Width101"Cargo Bay Width58.5"Overall Length117" w/o ForksOverhang80"Length under Truck28"Ground Clearance12"	Side Shift	6.25"	
Hose Rupture SystemYesSeat Belt InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoYesMounting SystemEasy Hitch®Moffett MountOverall Width101"Cargo Bay Width58.5"Overall Length117" w/o ForksOverallOverhang80"Easy Hitch®Easy Hitch®Cargo Day Width117" w/o ForksEasy Hitch®Overhang80"Easy Hitch®Length under Truck28"Easy Hitch®Ground Clearance12"Easy Hitch®	Height, mast lowered	100"	101"/110"
Seat Belt InterlockYesOverhead Guard (FOP/ROP)YesSupport ArmsNoMounting SystemEasy Hitch®Mounting SystemEasy Hitch®Overall Width101"Cargo Bay Width58.5"Overall Length117" w/o ForksOverhang80"Length under Truck28"Ground Clearance12"	Reach	Moving Mast	
Overhead Guard (FOP/ROP)YesSupport ArmsNoYesMounting SystemEasy Hitch®Moffett MountOverall Width101"Cargo Bay Width58.5"Overall Length117" w/o ForksOverhangOverhang80"Cargo BayLength under Truck28"Cargo BayGround Clearance12"	Hose Rupture System	Yes	
Support ArmsNoYesMounting SystemEasy Hitch®Moffett MountOverall Width101"Cargo Bay Width58.5"Overall Length117" w/o ForksCoverallOverhang80"CoverallLength under Truck28"CoverallGround Clearance12"Coverall	Seat Belt Interlock	Yes	
Mounting SystemEasy Hitch®Moffett MountOverall Width101"Cargo Bay Width58.5"Overall Length117" w/o ForksOverhang80"Length under Truck28"Ground Clearance12"	Overhead Guard (FOP/ROP)	Yes	
Overall Width101"Cargo Bay Width58.5"Overall Length117" w/o ForksOverhang80"Length under Truck28"Ground Clearance12"	Support Arms	No	Yes
Cargo Bay Width58.5"Overall Length117" w/o ForksOverhang80"Length under Truck28"Ground Clearance12"	Mounting System	Easy Hitch®	Moffett Mount
Overall Length117" w/o ForksOverhang80"Length under Truck28"Ground Clearance12"	Overall Width	101"	
Overhang80"Length under Truck28"Ground Clearance12"	Cargo Bay Width	58.5"	
Length under Truck 28" Ground Clearance 12"	Overall Length	117" w/o Forks	
Ground Clearance 12"	Overhang	80"	
	Length under Truck	28"	
Warranty 1 year 24/36 months	Ground Clearance	12"	
	Warranty	1 year	24/36 months

Special Options and Packages, available * Weight, includes mast, forks, full size tires & fluids Kubota[®] is a registered trademark of the Kubota Tractor Corp.



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PB80 Features & Benefits

Beyond Performance[®]

The PB80 Princeton Piggy Back® Delivery System is the most stable, reliable and powerful unit of its kind in the industry. It is also the only unit that has 8,000 lb capacity, rated by rough terrain standards. Anti-stall hydraulics, 31" pneumatic sealed tires, center seating, a 59 HP turbo diesel engine and excellent stability make this the most flexible truck mounted forklift for rough terrain deliveries. This unit can deliver a variety of materials faster and safer...almost anywhere on a job site.



Best terrain &

The lumber package features load support

Deliver engineered products "anywhere on the job site"





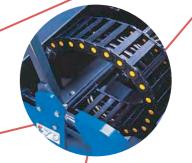






PRINCETON







CLEAR VIEW MAST

Heavy duty design with 86" - 144" lift height. Corrosion Resistant Chain.

OVERHEAD GUARD

The PB80 is equipped 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 heavy duty 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 P80 meets or exceeds applicable ANSI B56.6 stability standards for rough terrain forklifts.



Easy Hitch[®] Mounting System:

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