

PB LOADER
CORPORATION



PATCHERS

UNIBELT

UNIBELT SPECIFICATIONS

DESCRIPTION	UNIBELT PATCHER	
	BC-4	BC-6
CHASSIS		
TYPE	Conventional or Tilt Cab	
	Single Axle	Single or Tandem
GVW Single Axle	28,000 lbs.	35,000 lbs.
GVW Tandem Axle	NA	46,000 lbs.
Wheel Base Conventional Cab	184" Minimum	
Wheel Base Tilt Cab	135" Minimum	
Cab To Axle	108" Minimum, 120" Minimum with Spoils Bin	
ELECTRICAL		
Alternator	55 AMP Minimum	
Battery	12 Volt, 77 AMP Minimum	
AXLE		
Front	1 Beam, 9000 lbs.	1 Beam, 12,000 lbs.
Front Springs	Heavy Duty 5000 lbs. Minimum Each Side	Heavy Duty 6000 lbs. Minimum Each Side
Rear	Single Speed	Single Speed
Capacity Single	19,000 lbs.	23,000 lbs.
Capacity Tandem	NA	34,000 lbs.
Rear Springs	10,000 lbs. with 2,600 lbs. Auxiliary	
TRANSMISSION		
Type	Automatic 5 Speed or Standard 5 Speed	
CONTAINER		
Capacity	4 Cubic Yards	6 Cubic Yards
Dimensions (W x L x H)	84" x 108" x 48"	84" x 120" x 54"
Construction	Double Wall	
Interior Wall	3/16" HR	
Outer Wall	12 Gauge HR	
Floor Slope	45° from Horizontal	
Container Box Insulation	2" of 6 lb. Density Industrial Fiberglass Insulation	
Top Doors	Double Wall Construction with 2" of 6 lb. Density Insulation	
Top Door Operation	Hydraulically Opened and Closed Via Two 2" Diameter x 11" Stroke Cylinders	
Rear Door	Double Wall Construction with 2" of 6 lb. Density Insulation	
Rear Door Operation	Hydraulically Opened and Closed Via One 2" Diameter x 11" Stroke Cylinder	
Rear Door Capacity	240 Square Inches of Discharge Area	
Control Station	Located on Right Side, Rear of Machine for Optimum Visibility	
CHAIN BELT CONVEYOR		
Type	18" Wide High Temperature Asphalt Belt	
Construction	Heavy Duty, Multi-Ply, Rubber Covered	
Rating	Reinforced and Rated to Withstand 350°F Hot Asphalt Material	
Drive	Chain Driven Via Gear Box/Hydraulic Motor	
Controls	Forward and Reverse Controls	
RADIANT HEATER		
Temperature Control	Thermostatic 100°F to 300°F Range	
Heat Chamber	Fully Enclosed Inside Container	
Burners	Two Propane or CNG Fueled Burners	
Burner Rating	67,000 BTU Rated at 5 PSI Operating Pressure	
Ignitor	12 Volt Electronic Ignitor with 100% Fuel Safety Shut Off	
HAND TORCH		
Capacity	120,000 BTU	
Hose	Standard 25' of Hose	
SHOVELING APRON		
Type	Rear Mounted with Folding Bottom	
Construction	3/16" HR Steel	
EMULSION SPRAY SYSTEM		
Tank Capacity	153 Gallons Total, 132 Gallons Emulsion/21 Gallons Diesel	
Pump	Helical Rotor Type Rated at 7 1/2 GPM @ 45 PSI	
Hydraulic Motor	9 GPM @ 2,000 RPM	
Heating Unit	Heat Transfer Unit for Use with Truck Engine Cooling System	
Temperature Range	75°F to 180°F	
Auxiliary Heating Unit	110 Volt Electrical System for Overnight Heating	
Auxiliary Unit Control	Four Position Temperature Switch with Heat Ranges of High, Medium, Low	
Spray Wand	5 Feet in Length Wand Equipped with 25' of Heavy Duty, Double Wall Hose	
Spray Control	Push Button Control with Manual Shut Off Valve	
Drip Pan	10 Gallon Drip Pan/Waste Oil Combination Container with Drain Valves	
HYDRAULICS		
Pump	Gear Type, 15 GPM	
Engine		
Battery	NA	
COLOR	STANDARD BLACK-OTHER COLORS AVAILABLE-CONSULT FACTORY	
OPTIONS	SEE OPTIONS LISTED-CONSULT FACTORY FOR DETAILS	

OPTIONS

Spoils Bin. 18 inches wide with discharge doors on each side. Optional widths and sizes.

Hand Torch. 200,000 BTU capacity. Equipped with 25' of hose.

Diesel Pump. Equipped with spray wand and 25' of hose for cleaning tools. Connects to diesel storage tank.

Compactor Lift Platform. Hydraulically operated, located at rear of unit.

Hydraulic Tool Circuit. Equipped with 25' of hose, quick couplers, flow meter engine throttle control, pressure gauge, relief valve.

Hydraulic Tools. Jackhammers, asphalt tampers.

Lockable Tool Box. For jackhammer and hand tool storage.

Tool Basket. For rakes, shovels, signal flag and cone storage.

Hose Reels. Single reels for emulsion spray hose, hand torch or air blow gun. Dual hose reel for jackhammer.

Cab Controls. Mounted inside-truck cab-controls top loading doors.

Air Blow Gun. Equipped with 25' of hose.

Auxiliary Electric Heat. Used for overnight heating of asphalt. Thermostat controlled 50 - 250°F range.

LPG Tank. Upright or horizontal. Available in 25, 35, or 50 gallon capacity.

Sanding/Salting Attachment. Spreads sand, salt or chippings in a uniform pattern from 4 to 40 feet.

Auger Conveyor. Accompanied with anti-bridging device (AC series designation).

ADDITIONAL OPTIONS

Fire Extinguisher.

Arrow Board.

Triangle Kit

Insulated Emulsion Tank.

Dual Controls.

Walk-Behind Roller with Lift-Carrying Mechanism.

Strobe Lights and Beacons.

Cutback/Tack Oil Tank System.

Re-Emulsifying System.

Pivotal Asphalt Chute.

Side Discharge Conveyor.

Compactor Plates.

Fan Oil Cooler.

Air Compressors.

Container Thermometer (0 - 300°F).

Suckback System for Emulsion Sprayer.

Cone Holders.

Tool Bits for Jackhammers.

Optional Capacities: 3, 5 and 8 Cubic Yards.

PB LOADER
CORPORATION

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UNIBELT PATCHERS



25 Gallon
LPG Tank
For Heating
Asphalt.

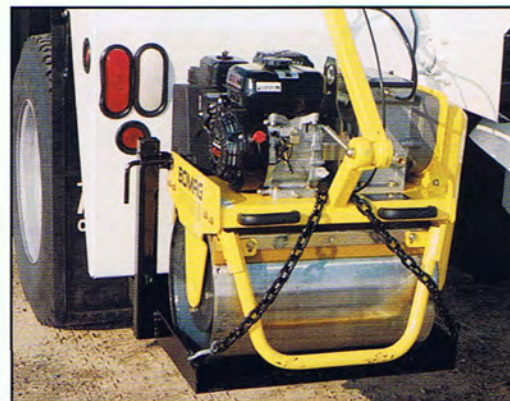


Emulsion
Tank And
Spray System
For Tack
Coating.



Spoils Bin.

Lockable Tool Box
For Jack Hammer,
Asphalt Cutter,
Hand Tools.



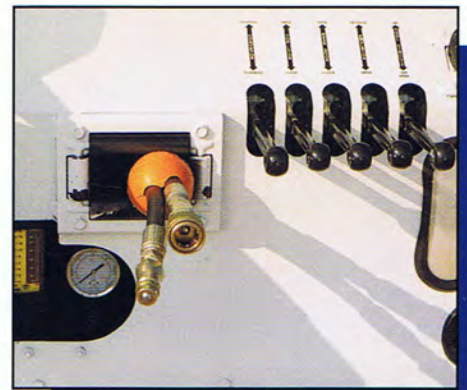
Compactor Lift
Platform For
Compactor
Plate Or Roller.

Air Blow Gun With Reel.

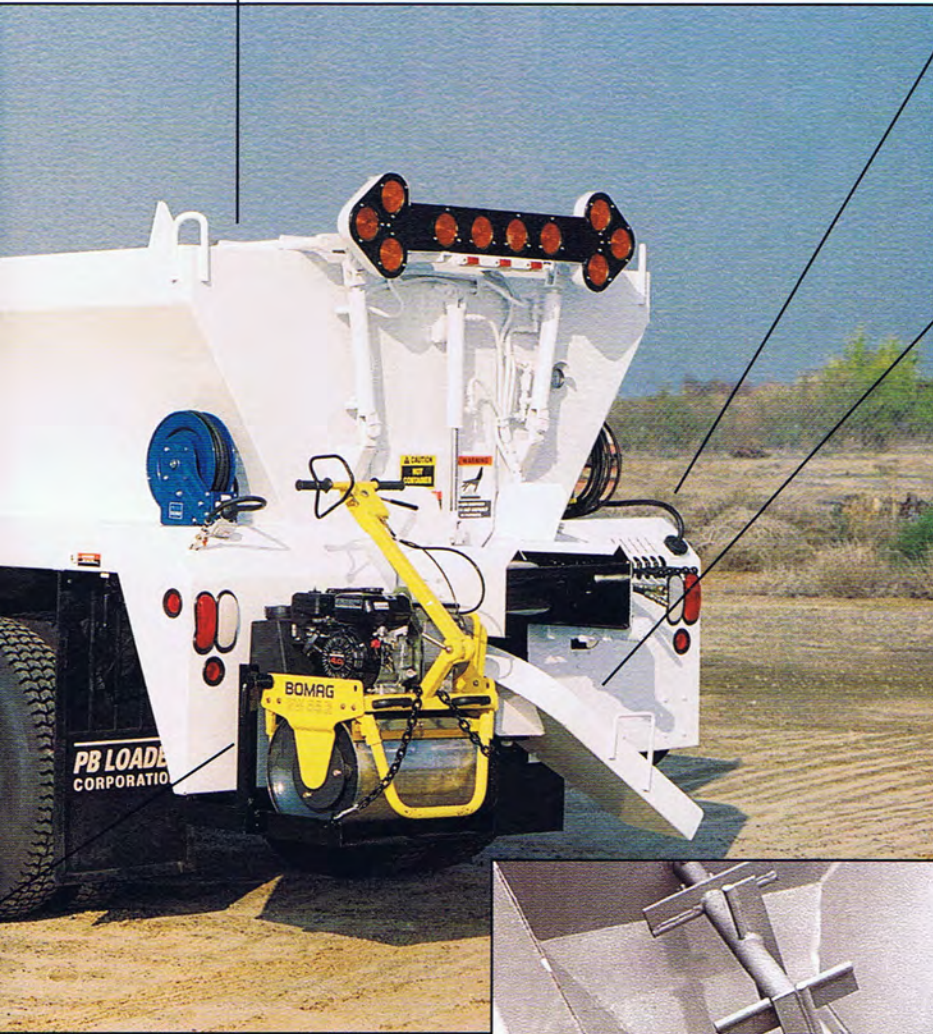


Tool Circuits For Air Or Hydraulic Tools.

Conveniently Located, Rear Mounted Operator Controls.



Pivotal Asphalt Chute.



Auger Conveyor And Anti-bridging Device For AC Patcher Units.

