

# PRINCETON

## DELIVERY SYSTEMS

955 West Walnut Street

Canal Winchester, Ohio 43110

1-800-331-5851

[piggy-back.com](http://piggy-back.com)

### STRAIGHT TRUCK GUIDE LINES

For mounting a Piggy Back truck mounted forklift.

D4500, D5000, D45, D50, PB50, PB70, PBX

ITEM	DESCRIPTION
'S' Dimension, distance from back of rear tire to end of bed.	33" to 48" for 3-Position Kit P90.1070 42" to 48" for 2-Position Kit P90.834 (PB70, Z & E) 36" to 48" for 2-Position Kit P90.834 (PB50, PB40 & D45)
'AF' Dimension	94" Max for Tandem trucks. But check 'S' dimensions. 68" Max for Single axle trucks. But check 'S' dimensions.
Wheel Base	Longer the better. Without the truck with Piggy Back going over legal length. Most states 40-foot max. (260 to 276")
Bed Length	Longer the better. Without truck with Piggy Back going over legal length. Most states 40-foot max. (24 feet is usually Max.)
Rear Axle	Tandem- 17,000 lb. Capacity each Min.
Front Axle	12,000 lb. Capacity Min. Heavier the better for less C'wt.
GVW	46,000 lb. Min.
Counterweight	Check need for C'wt. Tandem axle truck- 24% of empty weight on front axle. Single axle truck-26% of empty weight on front axle.
Frame	Steel, never aluminum.
Bed Side	6" Channel
Bed Crossmembers	4" beams at 10-12" centers. 48" from under crossmembers to the ground.
Bed top	1/4" thick plate
Rear Suspension	Air Ride
Steel Bulk Head	This will help with the counterweight
Pusher Axle	Pusher Axle is okay, Tag Axle is not allowed.
Dump Body Truck	Dump Body Truck requires a different Kit, P90.1151, Bed Tie Downs, bed reinforcement and bed tilt limiting about 30°. Extra clearance between tire pad and rear tire on truck.