



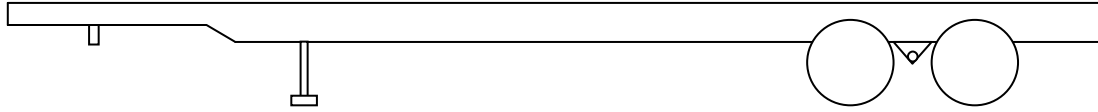
Princeton Delivery Systems

8170 Dove Parkway
Canal Winchester, Ohio 43110
Phone: 1-800-331-5851 Web: www.piggy-back.com



TRAILER MOUNTING APPLICATION ANALYSIS

Fax Forms to: 614-834-5076



Step 1. Input Customer and General Analysis Information.

Customer:	Analysis Date:
Street Address:	Phone:
City, State & Zip:	Fax:
Contact:	Email:
Trailer Make & Model:	Comment:

Step 2. Select axle type:

Tandem Single Other

If Other Specify: _____

Step 3. Select bed type:

Flat Box Curtainside Other

If Other Specify: _____

Box & curtainside beds may require 5" bed extension for mast clearance

Step 4. Select bed construction

All Steel Composite Steel & Aluminum All Aluminum Other If Other Specify: _____

If bed construction is composite or all aluminum check with Princeton for special instructions.

Step 5. Select Piggyback Model:

D45 <input type="checkbox"/>	PB40 <input type="checkbox"/>	PB 45 <input type="checkbox"/>	PB50 <input type="checkbox"/>	PB55 <input type="checkbox"/>	PB65 <input type="checkbox"/>	PB70 <input type="checkbox"/>	PB80 <input type="checkbox"/>	PBL <input type="checkbox"/>	PBX <input type="checkbox"/>
Z-1 <input type="checkbox"/>	Z1-3 <input type="checkbox"/>	Z2-3 <input type="checkbox"/>	E2-3 <input type="checkbox"/>	E2-3V <input type="checkbox"/>	E2-3RVX <input type="checkbox"/>	E-3 <input type="checkbox"/>	Other <input type="checkbox"/>	If Other Specify _____	
Z-1	Z1-3	Z2-3	E2-3	E2-3V	E2-3RVX	E-3	Other		

Step 6. Select Mast Height Option:

D45, PB40, PB45, PB50, PB55, PBX, PBL (Class II Mast)					PB65, PB70, PB80 (Class III Mast)		
86" <input type="checkbox"/>	120" <input type="checkbox"/>	144" <input type="checkbox"/>	154" <input type="checkbox"/>	165" <input type="checkbox"/>	86" <input type="checkbox"/>	120" <input type="checkbox"/>	144" <input type="checkbox"/>
Z Series				E Series			
	86" <input type="checkbox"/>	120" <input type="checkbox"/>	144" <input type="checkbox"/>	86" <input type="checkbox"/>	120" <input type="checkbox"/>	144" <input type="checkbox"/>	154" <input type="checkbox"/>

Step 7. Select Additional Options:

Forklift without load arms Forklift with load arms Fork positioners

Load arms are used to stabilize wide loads.

Step 8. Specify Additional Weight and Weight Center-Of-Gravity:

Additional weight: lb Weight C. G. distance from trailer end: in
(Positive center-of-gravity value indicates aft of trailer end and negative value indicates forward of trailer end)



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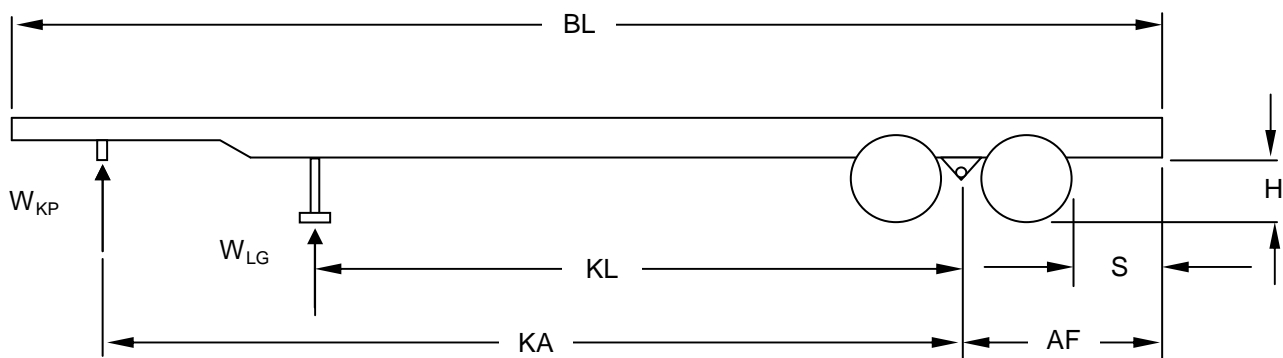
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TRAILER MOUNTING APPLICATION ANALYSIS (CONTINUED)

Customer and General Analysis Information

Customer:	Analysis Date:
Street Address:	Phone:
City, State & Zip:	Fax:
Contact:	Email:
Trailer Make & Model:	Comment:



Step 8. Input Trailer Geometry Information:

(Dimensions in inches)

Horizontal Distance Rear Tire to Trailer End (S):	in	(36" Min. to 48 Max")
Distance Bottom of Cross Members to Ground (H):	in	48" Minimum Required
Trailer Length (BL):	in	
Centerline rear axle or center of axles to end of bed (AF):	in	
Distance kingpin to rear axle or center rear axles (KA):	in	
Distance landing gear to rear axle(s) center (KL):	in	

Note: if H is less than 48 inches must use Princeton Top Mount or High Mount. If S is less than 36" contact Princeton for options.

Step 9. Input Trailer Weight Information:

(Specify weight on kingpin or landing gear. Note only one weight is required, not both. Weights are without forklift mounted.)

Trailer kingpin weight (weight before modifications)(W _{KP}):	lb
Trailer landing gear weight (weight before modifications)(W _{LG}):	lb
Weight on rear axle or rear axles (weight before modifications)(W _{RA}):	lb
Rear axle(s) rated weight capacity (RAC):	lb

Note: The kingpin or landing gear weight in Step 9 is necessary in order to calculate the minimum counterweight required based on retaining a minimum 2,000 pounds on the kingpin. Neglect in providing a weight on the kingpin or landing gear can result in a much larger counterweight based on a counterweight necessary to balance the mounting hardware and Piggy Back.

Comment or special instructions: _____
