

Selection Guide for Dock Boards & Dock Plates

The proper size and capacity limits of a dock plate or dock board are determined by the physical dimensions of the loading dock, style and height of truck or trailers being loaded or unloaded and the equipment (pallet jacks or forklift trucks) being used. Please fill out a separate sheet for each loading dock and Brazos will recommend the best product for your application.

Length

The length of a dock board or plate is determined by the height difference that is being overcome by the equipment.

Truck Height _____ "

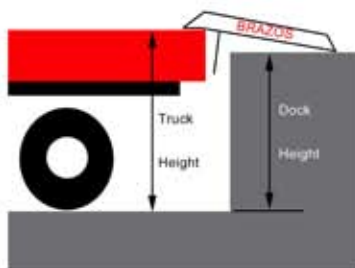
minus

Dock Height _____ "

equals

Height Difference _____ "

Height Difference = Truck Height - Dock Height

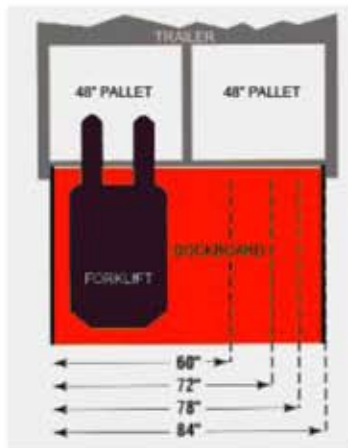


Dock Boards

Electric	Propane / Gas	Length
5"	7"	48"
7"	9"	60"
8.5"	11"	72"
9"	12"	78"
10"	13"	84"
12"	15"	96"

Width

The width of a board or plate is determined by the width of the pallet or load including any overhang of product. Brazos recommends a board or plate width that is a minimum of 12" greater than the load and/or the equipment (whichever is greater). More width equals greater maneuverability.



Capacity

Dockplates - Add the total weight of the load and equipment that will travel across plate. Add a 20% margin to get safe load capacity.

i.e.

Pallet load	2,000#
Pallet Jack	300#
Safety	400#

Dock board - Take the capacity of the forklift and multiply by three. If the forklift is a 3 wheel unit then multiply by four.

i.e.

Forklift capacity	4,000#
	X 3
	12,000#

Need a 15,000# board

Dock Plates

Height Difference	Length
2"	24"
3"	30"
3.5"	36"
4.5"	42"
6"	48"
7"	60"