



Determining Dockboard Capacity and Length

Capacity:

Weight of fork lift + heaviest load x 90% = Required Capacity

Example:

Fork Lift Weight: 8,000 lbs.
 Heaviest Load: 4,000 lbs.
 Gross Weight: 12,000 lbs.
 X .90
 Dockboard Capacity: 10,800 lbs.

Length:

Length of dockboards and dockplates is determined by the maximum amount of height difference between the loading dock floor and the bed of the trailer(s) being serviced.

TABLE FOR DETERMINING DOCKBOARD LENGTH

Fork Lift Trucks: 11° Grade (19%)

MAX HT. DIFF (INCH)	4	5	6	7.5	8.5	9.5	10.5	12	13	14	15	16
BOARD LENGTH (INCH)	30	36	42	48	54	60	66	72	78	84	90	96

Walkie Trucks / Pallet Jack: 8° Grade (14%)

MAX HT. DIFF (INCH)	3	3 3/4	4 1/2	5 1/2	6	7	8	8 3/4	9 1/2	10 1/2	11 1/4	12
BOARD LENGTH (INCH)	30	36	42	48	54	60	66	72	78	84	90	96

Example:

Dock Height (Level Approach) 46"
 Highest Trailer 54"
 Lowest Trailer 42"

TRUCKS ABOVE DOCK

Highest Trailer 54"
 Dock Height 46"
 Max Height Diff. + 8"

TRUCKS BELOW DOCK

Dock Height 46"
 Lowest Trailer 42"
 Max Height Diff. - 4"