

PALLETIZED DIMENSIONS OF PREMIER TECH HORTICULTURE PRODUCTS

Often we are asked questions about the dimensions of our palletized professional products. Customers ask because they want to know, for example, if the Megabale will fit into their bale breaker, if a palletized product will pass through doorways, how much storage space is needed for our product, etc. Below is a listing of this information for professional PRO-MIX® and PRO-MOSS® products.

Package Size (cu. ft.)	Units per pallet	Palletized size (inches)		
		Length	Width	Height
2.8	48 / 54	54.5	41	84.5
3.8	30	49.5 - 56	43 - 46	95.5
60	2	48 - 52	46 - 48	90.75
80	2	48 - 52	46 - 48	91.25
55	2	49.5 - 53	40.75 - 44	95
135	1	51.5 - 53	46.5 - 47	94.75

NOTE: the dimensions above may vary slightly due to transportation and settling. Therefore, ranges are provided for the width and depth of palletized product. Height can also vary, but ranges are not provided.

Size of wooden pallet: A standard wooden pallet is 40 inches (102 cm) wide, 48 inches (122 cm) long and 5 inches (12.7 cm) tall. The height of a pallet varies from 4.75 to 5.75 inches. The total height of a pallet of product, as seen in the chart above, includes a pallet height of 5.75 inches.

Compressed Bales: When a baled product is compressed into the package at the factory, the plastic is heat sealed and slightly loose at the closed end of the bale. After a few hours, the peat or growing medium will expand within the package, and within a few days, eventually round-out the corners to the limits of the plastic. The length and width measurements for palletized product above provide a range to account for normal expansion/settling.

Bulk Loose-fill Bags: PRO-MIX® BX, FPX, HP, LP15, MP and PGX packaged in 80 cu ft loose-fill bulk bags are semi-compressed at a ratio of 1.5:1, which allows stacking of two bags on a pallet. Since they are semi-compressed, the dimensions of a filled '80 cu ft' bulk bag measures less than 80 cu ft., but yields a minimum of 80 cu ft. The 60 cu ft PRO-MIX BRK and BRK20 are not semi-compressed, however the weight of the growing medium causes some compaction within the package. Both the 60 and 80 cu ft bags have nearly identical dimensions. However these dimensions can change as growing medium inside a bulk bag can settle during shipping, particularly over long distances, causing the bags to round out. When the customer receives the product, the bulk bags may be wider, longer and shorter (especially the bottom bag) than listed in the chart.

Bulk Loose-fill Bag Handling: Bulk bags are handled with a fork lift or hoist and picked up with straps that sewn to the sides of the bags. Often growers ask how much ceiling clearance is required to lift up a bulk bag and suspend it over a flat filler hopper. This measurement can vary depending on the length of the straps and how much the bottom of a bulk bag sags. Below are ranges showing the height of a suspended bulk bag from the top of the forks on a forklift to the bottom of the bulk bag:

Bulk Bag Suspended Height

Bulk Bag Size	Top of forklift forks to bottom of bulk bag
60 cu ft	57 - 70 inches*
80 cu ft	60 - 75 inches

* Lower end of the range represents the typical height; the upper end of the range represents the maximum.