PREMIER PLATFORMS, INC.

Forklift Capacity

What is a forklift load capacity?

A forklifts load capacity is determined as the maximum weight that a forklift is able to safely carry at a specified load center. If the load is not centered at the precise position then the forklifts capacity will therefore be reduced.

TOYOTA FORKLIFT TRUCK

MODEL	8FGCU25		SERIAL NO.	
MAST	FSV	BACK TILT 5	ATTACH	INT. SSFP
TYPE	LP			
FRONT TREAD	35 in / 890 mm	TIRE SIZE FR / RR	21×7×15/SOLID / 16×5×10-1/2/SOL	
TRUCK WT. ACCURACY±5%	8340 lb / 3780 kg			

Example of a used forklift nameplate.

RATED CAPACITY WITH VERTICAL MAST EQUIPPED AT MAX. LIFT HEIGHT "A" AS SHOWN

	A	B	C	CAPACITY	
in	189	24	0	4800	lb
mm	4800	600	0	2170	kg
in	189	30	0	4200	lb
mm	4800	760	0	1900	kg

THIS FORKLIFT TRUCK MEETS OR EXCEEDS DESIGN SPECIFICATIONS OF ASME/ ANSI B56.1 IN EFFECT ON THE DATE OF MANUFACTURE.
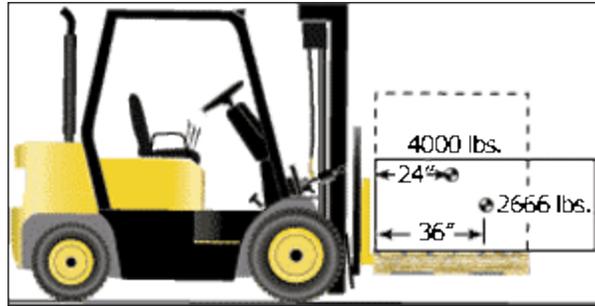
⚠ **WARNING** IMPROPER OPERATION OR MAINTENANCE COULD RESULT IN INJURY OR DEATH. TRAINED OPERATORS ONLY. READ OPERATOR'S MANUAL FIRST. 57846-U2172-71

If the forklift is modified in any way or has an attachment, the nameplate must be updated by the original manufacturer.
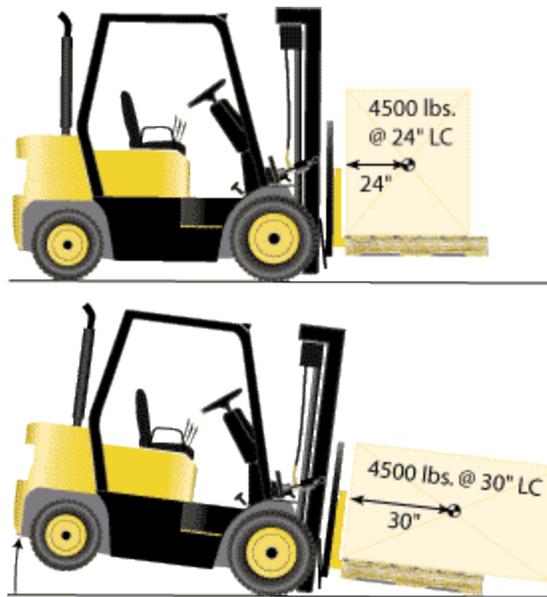
Electric Forklifts: The minimum weight of the battery on the data plate must be met to insure the stated lifting capacity of the forklift. Using a smaller, lighter battery will invalidate the stated lifting capacity on the data plate.

Every forklift must have a legible nameplate (data plate) securely attached. If your nameplate is missing or you can't read it, please contact Premier Platforms, Inc.

770-922-7677

4000 lbs.
←24"→●
● 2666 lbs.
←36"→|

As the center of gravity for the load moves forward, the lifting capacity for the forklift decreases. Improperly distributed loads may tip the forklift if the operator exceeds the stated capacity of the truck. This forklift can carry 4,000 pounds at a 24 inches load center, but only 2,666 pounds at a 36 inches load center.

4500 lbs.
@ 24" LC
←24"→●

4500 lbs. @ 30" LC
←30"→●

The same 4500 pounds weight loaded properly (top) will exceed the rated capacity of 4500 pounds if the rectangular box is positioned lengthwise (bottom).

Lifting a 5 lb box up and away from from the body has the effect of lifting 5 lbs.

Lifting a 5 lb box away has the effect of lifting 12 lbs on your shoulder

PREMIER
PLATFORMS, INC.