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Edited by Bruce Hulberg

## Forklift Safety: Newsletter



**Safety and Rescue Training**

for high-hazard work activities

**Confined Space  
Fall Protection  
Excavation  
Forklift**

### Forklift Train the Trainer Schedule

April 14 - Boardman  
April 28 - Salem  
May 19 - Medford  
June 2 - Eugene

Register online at:

[www.d2000safety.com](http://www.d2000safety.com)

or email:

[bhulberg@d2000safety.com](mailto:bhulberg@d2000safety.com)

**Have a forklift safety story or photo to share?**

Please send it to Bruce at:

[bhulberg@d2000safety.com](mailto:bhulberg@d2000safety.com)

We will not publish company or individual's names. You can also contact Bruce to be added to our newsletter email.

Our programs reflect:

**ANSI/ASSE Z490.1** *Criteria for Accepted Practices in Safety, Health, and Environmental Training*

## Data Plates: Not a Bad Idea

When was the last time you looked at a data plate? Is it scratched? Corroded? Missing?

While some operators believe their equipment can carry any load that doesn't lift the rear wheels off the ground, they're wrong. Operating equipment beyond the limits specified almost guarantees an incident or near miss.

So let's take a closer look at the data plate and see what we can learn.

This sample data plate identifies the model (H50YT with a fork attachment). If you use a different attachment that affects the capacity of the truck, a data plate that reflects those changes is required.

Other information listed includes the truck weight, degree of mast back tilt, tire size/pressure, and drive tread width.

Note how the capacity of this forklift is expressed. Since capacity varies based on how you carry the load, the capacity is provided for various distances

(measured 20, 24, or 30 inches from the load backrest to the center of the load). For example, if you had 48-inch forks you could safely lift 4,750 lbs. to a height of 197 inches if the center of the weight of your load was at 24 inches.

The difficulty for operators is that not all loads have their weight uniformly distributed around the center of the load. On occasion attachments might be used which move the center of the load farther away from the backrest which decreases the capacity of the forklift.

As a general rule the for every foot that the center of gravity is moved away from the load backrest the capacity of the forklift decreases by about 1,000 lbs.

<b>WARNING</b> <b>Trained Operator Only</b>  Read Operating Manual located on or near seat.  <b>Failure to follow operating, inspection, and maintenance instructions can cause serious injury or death.</b>	<b>Lift Truck Model: H50YT</b>
	Serial Number: GH73649987TY
	Attachment: FORK
	Truck Weight: 8450 lbs.
	Back Tilt: 6 degrees
	Tire Size: 7.00-12/5.00 Solid FR
	Tire Pressure: 6.00-9/4.00 RR
	Drive Tread Width: Solid FF
	38.50 in. Solid FF
	<b>RATED CAPACITY WITH MAST VERTICAL AND EQUIPPED AS SHOWN</b>
	Load Height "A" 197.00 inches
	Maximum load at load center "B"
	5250 lb. 20.0 in.
	4750 lb. 24.0 in.
	4150 lb. 30.0 in.

