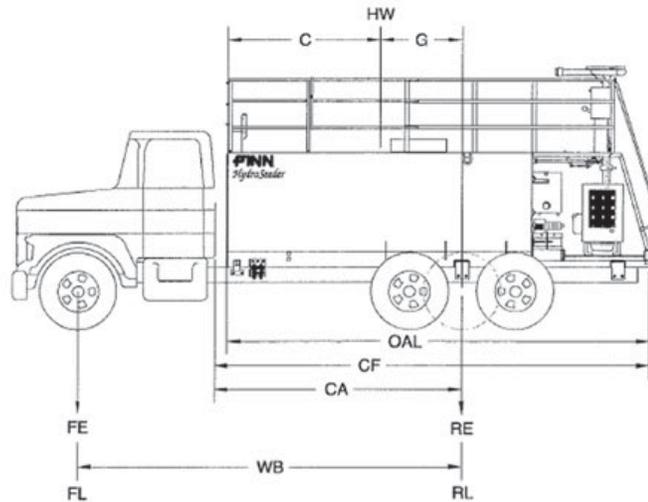


# Titan 280/300/400 TRUCK MOUNTING

## MOUNTING CALCULATIONS

For speed and mobility of operation, the HydroSeeder should be mounted on a truck or trailer, however, it is important to select a carrier with sufficient capacity to handle the added weight.



$$\frac{(WB \times FL) - (WB \times FE)}{HW} = G$$

$$\frac{WB \times (RE + HW - RL)}{HW} = G$$

G + C must be equal to or less than CA

$$\frac{(WB \times FE) + (G \times HW)}{WB} = FL$$

$$\frac{(WB \times RE) + HW \times (WB - G)}{WB} = RL$$

## MOUNTING CALCULATIONS KEY

- CF | Back of cab to the end of frame | \*
- C | Distance from HydroSeeder front to center gravity
- CA | Back of cab to center of rear axle or trunnion on tandem | \*
- FE | Front axle weight, empty | \*
- FL | Front axle weight, loaded | \*
- G | Distance from center of bogie to HydroSeeder center of gravity
- HW | HydroSeeder weight
- RE | Rear axle weight, empty | \*
- RL | Rear axle weight, loaded | \*
- WB | Truck wheel base | \*

\* These dimensions needed from truck supplier as well as front and rear axle capacity

\*\* Truck GVW depends on the truck weight. CA dimensions are approx. only, and depend on both front and rear axle capacities, as well as the front and rear empty axle weights

\*\*\* Weight of HydroSeeder, water and full charge of granular solids only. No auxiliary equipment loads included

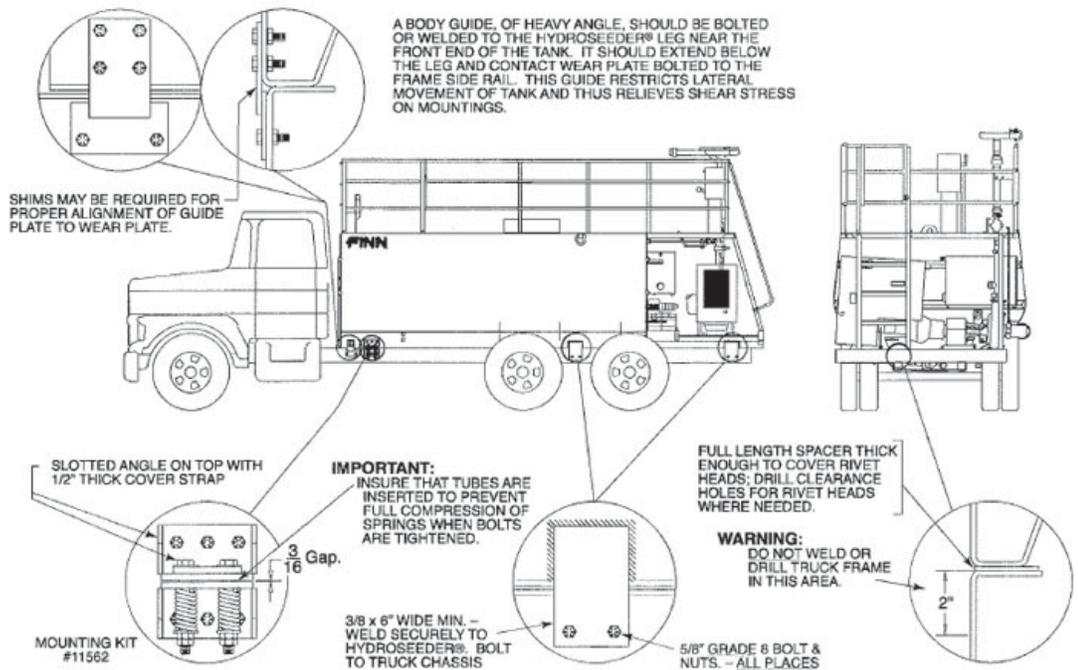


# Titan 280/300/400 TRUCK MOUNTING

## HYDROSEEDER MODEL SPECIFICATIONS

Specs	Titan 280	Titan 330	Titan 400
Truck GVW**	49,600 lbs 22,320 kg	61,000 lbs 27,669 kg	64,000 lbs 29,029 kg
CA**	120 in 304 cm	157 in 398 cm	170 in 431 cm
C (LOADED)	82 in 208 cm	100 in 254 cm	112 in 284 cm
C (EMPTY)	122 in 309 cm	134 in 340 cm	150 in 381 cm
OAL	209 in 530 cm	250 in 635 cm	287 in 730 cm
HW (EMPTY)	11,690 lbs 5,300 kg	12,340 lbs 5,600 kg	13,180 lbs 5,978 kg
HW (H2O ONLY)	34,790 lbs 15,780 kg	40,480 lbs 18,361 kg	42,480 lbs 19,268 kg
HW (FULL LOAD) ***	38,350 lbs 17,390 kg	44,750 lbs 20,300 kg	46,750 lbs 21,200 kg

## GENERAL MOUNTING GUIDELINES



9281 LeSaint Drive  
Fairfield, OH 45014

(800) 543-7166  
sales@finncorp.com  
www.finncorp.com