

# DEWEY Hoist

## Truck Hoist Selector

The act of dumping heavy loads with truck hoists is inherently dangerous. Taking time for some simple measurements and carefully selecting the CORRECT hoist for a given application can help you prevent accidents or failures. Our instructions are designed to provide the necessary information to match an application with a hoist kit.

### WARNING!

**DO NOT OVER LOAD:** The combined weights of the truck chassis, hoist pump kit, platform/body (box), and payload **must not exceed** the Gross Vehicle Weight Rating (GVWR) or the Gross Axle Weight Rating (GAWR) of the total vehicle.

**To select the correct hoist you must know the following information:**

1. Length of cargo box in feet. \_\_\_\_\_
  2. Maximum payload. \_\_\_\_\_
  3. Weight of the cargo box. \_\_\_\_\_
  4. Overhang from rear of box to the hinge pin in feet. \_\_\_\_\_
  5. Desired dumping angle. \_\_\_\_\_
  6. Look for the box length in the **MAXIMUM LIFTING CAPACITY** chart. \_\_\_\_\_
  7. Correct for rear Overhang. (Generally more overhang is better as it offsets the cargo weight.) \_\_\_\_\_
- Hoist Selected** \_\_\_\_\_

### IMPORTANT SAFETY NOTE

Always use the next size heavier hoist if the ideal selection is marginal. All dump hoists are rated with an evenly distributed load, sometimes called a "water load" and the weight of the box. Since we have no control over your load, we recommend a hoist **BIGGER** than your estimated load. Also many times the customer will forget that hoists are rated for total load (cargo box + payload) and overload their truck.  
(Example: 5 ton (10000lb) hoist – Box 1000lb = 9000lb Payload)

**If you have questions please call us at 918-534-0000. Be Safe - not Sorry!**

Proudly made in the United States of America by



1220 Industrial Parkway  
Dewey, OK 74029

Sales (918) 534-0000  
FAX (918) 534-0700