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!

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