

# PAXX Industrial Supply Ltd.

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## **SELF DUMPING GENERAL INFORMATION**

This product has been manufactured and shipped as per your instructions. It must be drawn to your attention that it can be potentially dangerous to those not trained in its use and/or operation. It is your responsibility to ensure that the following information and instructions be given to all individuals who will be trained to use this equipment.

- Weight Capacity (lbs)

Volume	Capacity in Kg
¼ yard	2500
½ yard	2500
¾	4000
1	5000
1-1/2	5500
2	5500
2-1/2	5500
3	5000
5	4000

- Weight capacity shown is for self dumping hoppers in factory supplied condition and operated according to the limits and instructions noted below.
- Do not exceed the weight capacity of the self dumping hopper.
- Do not load a self dumping hopper such that any of its contents are hanging over any edge, or such that any material can fall out fo the self dumping hopper during transportation.
- Always load the dumpers as uniformly as possible. Loading the body excessively at the front will cause the unit to discharge aggressively, imparting larger impact loads and possible damage during the dumping sequence. Loading the body excessively at the rear will cause the unit to resist dumping.
- This product has a quick forward rolling and dumping action. The operator and all persons must be behind and clear of the dumper before releasing the latch to dump the contents. once the latch is released, all persons must remain clear of the moving dumper body and the contents being discharged until it returns back to its normal position latched to the base.
- Do not lean into, or stand inside or on top of any dumper.
- Do not stack dumpers upon one another.
- It is important that self dumping hoppers only be handled by suitable equipment. Determining equipment stability should include but not be limited to the ability for the equipment to safely handle the overall weight load consisting of the dumper empty weight plus the contents inside the dumper. Lift truck equipment that is used to discharge the dumper contents must also be able to handle the additional loads applied when the dumper is in an elevated position, as well as the impact loads create from the dumping rolling forward and discharging its contents from this elevated position.
- Self dumping hoppers should only be handled and discharged by using a suitable lift truck with both forks properly engaged with the fork receptacles provided in the base of the dumper. When discharging, the dumper body must be allowed to complete its roll forward dumping action and return to its latched position on the base without hitting anything.

- Do not allow the forks to protrude through the front of the base, or the dumper may become dislocated and/or damaged when the body rolls forward during dumping.
- Never dump the self dumping dumper while it is resting on the ground. This could cause the unit to tip over, or cause the dump body to strike the ground.
- Optional casters mounted under the base of a self dumping hopper are intended to allow local placement and positioning of the unit. A dumper on casters must always be placed and kept on a level and even floor area or the unit could quickly begin to roll out of control and cause serious injury or damage. It is unsafe for a person to move a heavy dumper on casters by hand. Always transport a self dumping hopper with suitable equipment.
- If a lift truck must elevate the dumper to discharge its contents, the operator must not climb on the lift truck or its mast to release the latch handle. Use a pole with a hook, or attach a short length of thin nylon rope to the latch handle to allow the operator to release the latch handle from within the lift truck cab or from safe location on the ground.
- If the self dumping hopper is used in conditions where the unit can slide off the lift truck forks during operation, an optional mast safety chain that secures the base of the self dumping hopper to the carriage of the lift truck should be installed.
- The operator must ensure that the dumper latch is properly closed and all safety chains are engaged at all times, especially after dumping.
- This equipment must be inspected regularly to ensure all of the components and latch mechanisms are in proper working condition. Any worn, fatigued, cracked or damaged components must be repaired or replaced before the unit is placed back into service.

## **SELF DUMPING HOPPERS WITH LIDS**

- Do not place anything on top of dumper lids. They are not designed to withstand top loads.
- One or two persons are required to safely open or close the lids on dumpers depending on their size. Use the handles as provided. Single and multiple hinged lid sections must be handled slowly and carefully, keeping body, hands and fingers away from the natural pinch points at hinge locations, contact points and along the perimeters of each section of lid.
- Dumpers equipped with permanently mounted hinged lid assemblies should normally be dumped with the lid in closed position. These lids will tilt open with gravity to discharge the contents during the normal forward rolling action of the dumper. If the nature of the contents requires the lid to be in the opened position while dumping, then the hinged sections of the lid must be restrained in the open position before discharging the contents.
- Removable lid assemblies must be completely removed from the dumper before discharging the contents of the dumper.

## **SELF DUMPING HOPPERS WITH LIDS**

- Self dumping hoppers may only be lifted with a suitable overhead crane if factory installed lifting eyes are supplied with the dumper. A suitable four-leg chain sling must be used such that each leg of the chain sling has an angle of no more than 45 degrees from vertical.
- The weight capacity of self dumping hoppers with lifting eyes will be governed by the capacity stated on the capacity plate mounted on the dumper. Do not exceed the capacity stated on the capacity plate.
- Before lifting with an overhead crane, ensure all latches and safety chains are properly closed and engaged.
- Overhead cranes are only to be used to transport a self dumping hopper from one location to another. Never attempt to dump any self-dumping hopper while suspended from a crane.