



## INSTRUCTIONS MANUAL

Self dumping forklift hopper

MK287



Please read this manual before using the product and follow the instructions it contains!

## GENERAL

Foreword	3
Safety instructions	3
Technical data	9
Overview of the main components	4
Assembly	5
Operating instructions	6

## MAINTENANCE

Regular inspections	6
Service & Contact	6
EU Declaration of Conformity	7

## FOREWORD

Congratulations on the purchase of your new self dumping forklift hopper. This self dumping forklift hopper is made of high quality materials, specially designed for durable and reliable use. For your own safety and to ensure proper operation of the self dumping forklift hopper, be sure to read and follow these operating instructions before operating the self dumping forklift hopper.

Keep these operating instructions. Check the self dumping forklift hopper for transport damage. Damaged self dumping forklift hopper must not be put into use. The self dumping forklift hopper is used for the transport and practical emptying of bulk material and liquids. Improper handling may result in injury or damage to the container.

SolidHub is not liable for any damage resulting from improper use of the self dumping forklift hopper, or disregard of specifications and rules of conduct in this manual. The operator / user must ensure the correct use of the self dumping forklift hopper by trained and authorized personnel.

## SAFETY INSTRUCTIONS

- Only allow instructed personnel to use the self dumping forklift hopper.
- Only healthy adults may handle the self dumping forklift hopper.
- Do not fill corrosive liquids into the self dumping forklift hopper.
- Secure the self dumping forklift hopper against slipping and tipping when transporting it with a forklift.
- Wear suitable protective clothing such as gloves, helmet and safety shoes when using the self dumping forklift hopper.
- Check the travel path of the self dumping forklift hopper at all times.
- Do not fill the self dumping forklift hopper beyond the specified maximum load.
- Do not fill the self dumping forklift hopper beyond the edge of the bin. Debris falling out can cause injuries.
- When transporting the self dumping forklift hopper with a forklift, consider the load distribution on the forks.  
Also observe the operating manual of the forklift.
- Do not tilt the self dumping forklift hopper jerkily to avoid possible overturning.
- Use the parking brakes on the fixed castors to secure the self dumping forklift hopper against rolling away.
- Do not transport people or animals in the container.
- Modifications and changes to the device not approved by the manufacturer will void the warranty.

## TECHNICAL DATA

### CONTAINER

Type	Unit	Value
External dimensions	"	23.6 x 39.4 x 34.3
Inner dimensions	"	22 x 37.4 x 21.3
Forklift bags	"	7.68 x 3.9
Total weight	lbs	167.6
Handle diameter	"	1.3
Handle height	"	31.5
Chain length	"	26
Material thickness	"	0.08
Sheet material		Cold rolled steel
Coating		Powder coated
Color		Blue
Volume capacity	gal	75.8
Weight capacity	lbs	2204.6

### WHEELS

Type	Unit	Value
Diameter	"	3.9
Material	"	Polyurethane

### FORKLIFT BAGS

Type	Unit	Value
Material thickness	"	0.1
Material		Steel

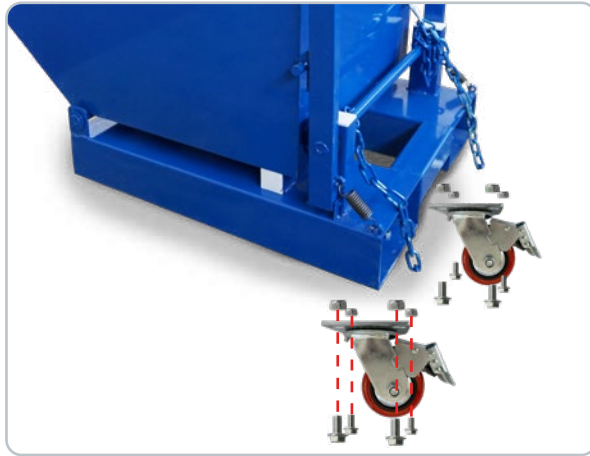
## OVERVIEW OF THE MAIN COMPONENTS

No.	Name
1	Tipping container
2	Unlocking lever
3	Fixed castor
4	Swivel castor
5	Locking brake
6	Forklift bag
7	Security chain
8	Handle
9	Drain valve



## ASSEMBLY

1. Mount the two swivel castors under the handle. Use the enclosed bolts and nuts for this purpose.



2. Mount the two fixed castors on the front of the self dumping forklift hopper.



3. Carefully screw the outlet valve to the thread on the side. Tighten it with a hexagonal wrench.



## OPERATING INSTRUCTIONS

### TRANSPORT BY FORKLIFT

1. Secure the self dumping forklift hopper against rolling away by pressing the locking brakes.
2. Make sure that the self dumping forklift hopper cannot tip over. Use the unlocking lever to secure the container.
3. Set the appropriate fork spacing on the forklift.
4. Carefully drive into the forklift pockets of the self dumping forklift hopper.
5. Set the forks at a slight angle to prevent the container from slipping.  
Secure it additionally with suitable tools.
6. You can now lift and transport the self dumping forklift hopper.

### EMPTYING THE CONTAINER

1. Secure the self dumping forklift hopper against rolling away by pressing the locking brakes.
2. Open the discharge valve on the side of the self dumping forklift hopper to drain liquids.
3. Pull the release lever to release the self dumping forklift hopper lock.
4. Slowly tilt the hopper forward until the securing chains are fully tightened.
5. When the container is completely empty, tilt it back again until it locks into place.

## REGULAR INSPECTIONS

Check the entire self dumping forklift hopper at regular intervals. Pay particular attention to the following components:

- Safety chains
- Parking brakes
- Casters
- Hinges
- Unlocking lever and latching mechanism
- Springs
- Forklift pockets



Before each use, check for damage to the self dumping forklift hopper. Structural damage, such as rust or broken components, are possible weak points that pose an accident risk.

## SERVICE & CONTACT

Contact our product experts and find help and solutions for your product. Here you will find all contact information listed by country and language: [www.topregal.us/en-us/service](http://www.topregal.us/en-us/service)

Responsible for the content:  
TOPREGAL US Corp.  
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Bensenville, IL 60106  
United States of America  
[www.topregal.us](http://www.topregal.us)

# EU Declaration of Conformity

The manufacturer

**TOPREGAL US Corp.  
729 North Route 83  
Suite 309  
60106 Bensenville, IL  
USA**

hereby declares that the following product

Product designation:

Type:

**SolidHub  
Self dumping forklift hopper**

**MK287**

Serial number:

**MK287-1000000000-MK287-9999999999**

complies with all relevant provisions of the applicable legal regulations (hereinafter) - including their amendments in force at the time of the declaration. The sole responsibility for issuing this declaration of conformity lies with the manufacturer. This declaration refers only to the machine in the condition in which it was placed on the market; parts and / or interventions subsequently fitted by the end user are not taken into account.

Conforms to the provisions of the following European directives:

**2001/95/EC General product safety directive**

Conforms to the provisions of the following standards:

**EN 1757-3**

Name and address of the person who is authorized, compile the technical documentation:

TOPREGAL US Corp.  
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Suite 309  
60106 Bensenville, IL  
USA



Place: Bensville  
Date: 12-20-2021

Juergen Effner  
Chief Executive Officer

# SolidHub