



**USER MANUAL**  
**FOR**  
**JACKY® BAG SPLITTER**

**Model JBBSA-L, JBBSA/8**

# ORION AUSTRALIA USER GUIDE

## GENERAL

The **JACKY**® Bag Splitter is a rotomoulded polyethylene hopper bin in a steel frame, supplied with an internal blade for splitting polypropylene bulk bags. Total masses are:

JBBSA-L	125 kilograms approximately
JBBSA/8	140 kilograms approximately.

The material used is a UV stabilized hexene-based linear low-density polyethylene specifically designed for rotational moulding. This material is resistant to all alkalis, most acids, and many solvent-type liquids.

The threaded inserts used to receive bolts are brass; all metal hatch mechanisms and parts are 304 grade stainless steel; the blade and forklifting frame are galvanized mild steel.

The walls have integral horizontal ribs moulded in, which help hold the sides straight. However, when the **JACKY**® Bag Splitter is full, the walls of course have outward-acting forces on them, and it is recommended that the lid be fitted when possible, particularly during transport, as it assists in retaining the tops of the sides.

## SAFETY FIRST!

***Never exceed the load rating of a JACKY® Bag Splitter!***

***Never place any part of your body under a JACKY® Bag Splitter, whether full or empty.***

The JACKY® Bag Splitter is specifically designed to eliminate the need to get underneath the container in order to empty it. All actions necessary for filling and emptying the Bag Splitter can and should be done from the side.

***Earth the flow control handle if necessary!***

Some of the materials handled in the JACKY® Bag Splitter (e.g. grain and plastic pellets) also have the potential to generate quite high static electricity charges, which accumulate on the flow control handle.

THIS CAN CAUSE AN **UNPLEASANT SHOCK**, AND IN A DUSTY ENVIRONMENT COULD POSSIBLY LEAD TO AN **EXPLOSION HAZARD**.

When handling such materials the handle **must** be earthed with a metal wire or chain. Do not earth to a vehicle, as the rubber tyres will prevent the charge finding its way to earth – the wire or chain should be connected to an effectively earthed metal object.

***Do not stack JACKY® Bag Splitters one on another!***

The JACKY® Bag Splitter is not designed for stacking one on another, neither empty or full. Users should not attempt this under any circumstances.

# ORION AUSTRALIA USER GUIDE

## CARE

### Cleaning

The **JACKY**<sup>®</sup> Bag Splitter may be safely cleaned with normal detergents.

Whilst pressure cleaners are suitable, **DO NOT STEAM CLEAN AT TEMPERATURES OVER 70 DEGREES CELSIUS**. This is because the plastic will soften noticeably above this temperature.

Solvent-type chemicals may be used to wipe the bin down, but prolonged contact should be avoided, as it may increase the likelihood of cracking, as well as being an OH&S hazard.

### General Handling Precautions

**When heavily loaded**, it is recommended that the lid should be fitted AS SOON AS THE BIN IS FILLED, as the lid assists in retaining the sides at the top.

Never push the **JACKY**<sup>®</sup> Bag Splitter across the floor, as excessive wear may result.

### Transport

When loading the **JACKY**<sup>®</sup> Bag Splitter on a truck, **DO NOT LOAD FROM ONE SIDE ONLY**, as the stress of pushing a **JACKY**<sup>®</sup> Bag Splitter across the deck with another bin may damage them.

When strapping the **JACKY**<sup>®</sup> Bag Splitter down, use the minimum safe tension, as excessive tension will distort the sides of the bin.

It is recommended that an anti-skid surface such as rubber matting be placed under the steel frame to reduce the likelihood of movement during transport.

### Maintenance

The material used for the **JACKY**<sup>®</sup> Bag Splitter is weldable. If damage occurs, repairs can be made by a competent plastic welder or steel fabricator, depending on where damage has occurred.

# ORION AUSTRALIA USER GUIDE

## OPERATION OF JACKY® BAG SPLITTER

### Moving with Fork Lift Trucks and/or Fork Lift Attachments

In addition to your normal OH&S procedures for use of fork lift trucks and/or fork lift attachments, please note the following.

Forklift trucks are manufactured specifically to operate on hard level surfaces. Other four wheel drive or rugged terrain type vehicles such as tractors are designed and built with the intention of being used over undulating or unstable surfaces.

1. When accessing and raising a **JACKY®** Bag Splitter with a forklift carriage:
  - Centre the forklift tines when entering the pallet and make sure that the forks are centered on either side of the mast.
  - Use both forks.
  - Keep the mast square with the ground rather than in a forward or backward position when entering the fork pockets.
  - Set the load to rest against the back of the fork carriage.
  - Make sure the handbrake is on before and while raising a load.
  - Allow the hydraulic controls to “ease in”.
2. When travelling with the **JACKY®** Bag Splitter:
  - Always travel with the load tilted backwards and low to the ground.
  - It is recommended that the lid be fitted, as this helps retain the sides.
  - Take care when travelling over uneven surfaces to avoid rocking the bin violently.

### Filling and Emptying the JACKY® Bag Splitter

Before filling the **JACKY®** Bag Splitter, ensure that the sliding hatch is closed, i.e. the lever is in the ‘DOWN’ position.

To empty, simply raise the lever to start the flow. Flow rate may be regulated by the amount the lever is raised. To stop the flow, push the lever fully down.

## RISK ASSESSMENT – JACKY® BAG SPLITTER

The following risks have been identified, and are summarized below. Individual consideration of each risk follows.

1. Damage from falling bin/contents whilst vehicle is stationary.
2. Lid detaching from bin.
3. Dust.
4. Bin falling from fork carriage.
5. User exposure to the bag-cutting blade.

### **1. Damage from falling bin / contents whilst vehicle is stationary**

The risk of a **JACKY®** Bag Splitter falling whilst the transporting vehicle is stationary is limited to failure of the lifting vehicle's hydraulic system, either hoist or tilt.

***To eliminate the risk of damage due to hydraulic failure, ensure that neither personnel nor anything else are under the JACKY® Bag Splitter. All actions necessary for use of the JACKY® Bag Splitter can and should be performed from the side.***

### **2. Lid detaching from bin**

In situations where vibration and/or wind load exist, such as during road transport, the lid could slide off the **JACKY®** Bag Splitter, with consequent possibility of damage, particularly in a highway situation.

***Steps should be taken to ensure that the lid cannot slide off, either by tying the lid down, or by positioning the JACKY® Bag Splitter so that the lid is prevented from sliding off because it runs into a head board, another bin or similar.***

# ORION AUSTRALIA USER GUIDE

## **3. Dust**

Many of the materials handled in the **JACKY®** Bag Splitter have the potential to generate dust when running into or out of the hopper.

***The normal standard industry Personal Protection Equipment applicable to the product in question should be used when filling and emptying the JACKY® Bag Splitter.***

Some of the materials handled in **JACKY®** Bag Splitters (e.g. grain and plastic pellets) also have the potential to generate quite high static electricity charges, which accumulate on the flow control handle. This can lead to an unpleasant shock, and in a dusty environment could lead to an explosion hazard.

***When handling such materials the flow control handle must be earthed with a metal wire or chain. Do not earth to a vehicle, as the rubber tyres will prevent the charge finding its way to earth – the wire or chain should be connected to an effectively earthed metal object.***

## **4. Bin falling from fork carriage**

The **JACKY®** Bag Splitter could slide off the fork tines in circumstances of either rapid braking or excessive forward tilting of the carriage, a risk more particularly associated with tractor loaders, as these normally have a far greater forward tilt capacity than fork lift trucks.

***It is recommended that the JACKY® Bag Splitter be tied back to the fork carriage with a suitably rated strap. When travelling down a steep incline, it may be necessary to travel in reverse.***

Under circumstances where a vehicle is travelling too fast over an uneven surface, the **JACKY®** Bag Splitter could conceivably be forced to rock side-to-side or front-to-back so hard that a failure of the system fastening the **JACKY®** Bag Splitter to the base, or the base to the fork pockets, occurs. **This would be considered abuse, and would not be covered by warranty.** However, damage could be caused by a falling **JACKY®** Bag Splitter.

***When travelling over an uneven surface it is recommended that the JACKY® Bag Splitter be tied back to the fork carriage with a suitably rated strap.***

# ORION AUSTRALIA USER GUIDE

## **5. Exposure of user to the cutting blade**

The cutting blade in the JACKY® Bag Splitter can injure users if they fall or lean against it. When not loading bulk bags into the hopper, the lid should be installed on the JACKY® Bag Splitter. The only time the lid should be removed is for cleaning, or loading product into the JACKY® Bag Splitter.

***Under no circumstances should any user or bystander climb onto the JACKY® Bag Splitter or position themselves above the cutting blade.***

***\*\*\* This Risk Assessment is not exhaustive or comprehensive, is general only in nature, and does not take into account specific site or user requirements. A comprehensive Risk Assessment must be conducted in accordance with your WH&S policy requirements. \*\*\****