

# PLAST-AX

## FEL BINS: 3M<sup>3</sup>

AN EXTRACT FROM THE BIN BOOK

---

*Specialist bin supplier to New Zealand industry*

### CONTENTS

3-6	3m <sup>3</sup>
7-8	FEL Bin Accessories
9-12	FEL Bin Lids
13-14	3m <sup>3</sup> Size Guide

# 3M<sup>3</sup> FEL BIN

## 3M<sup>3</sup> FEL BIN

<b>Code:</b>	BN301
<b>Capacity:</b>	3027 Litres
<b>Dimensions (mm):</b>	2050 x 1550 x 1550 (h)
<b>Fill Height:</b>	1000 mm +160 mm with castors
<b>FEL Fork Width:</b>	1905 mm (centres)
<b>Tare Weight</b>	130 kg
<b>Weight Rating:</b>	1200 kg

Supplied standard with LD316 PLAST-AX Left + Right lid pair.

Available with optional lock bar, castor wheels and stainless fixings.



PLAST-AX 3m<sup>3</sup> FEL  
complete with accessories



PLAST-AX supply from stock on hand

## 3M<sup>3</sup> FEL BIN

The 3m<sup>3</sup> bin is the most commonly used commercial waste bin in New Zealand.

When deployed without wheels the PLAST-AX 3m<sup>3</sup> has a very low fill height, making it really easy to lift the lids and feed waste into.

Like the 4.5m<sup>3</sup>, it has a very thick base (see testing page 136) to handle a life straight onto concrete, gravel or grass. In these situations traditional steel bins are prone to rusting out (fast) whereas the PLAST-AX bins can sit directly on the ground winter after winter in the wet.

On wheels the PLAST-AX 3m<sup>3</sup> is easily manoeuvred by hand. Along with the inherent plastic v. steel weight comparison, our world-leading processes allow us to put muscle exactly where it's needed without resorting to an unskilled pour of extra shot weight and waste where it's not. This all minimises the overall tare weight and improves the bin handling.

A PLAST-AX 3m<sup>3</sup> on wheels combines the efficiency of a large collection with the added convenience of moving the bin to the waste stream (rather than having to take the waste out to the bin).





## PLAST-AX LIDS

### *In detail*

Lids open onto the back ribbed section of the 3m<sup>3</sup> and 4.5m<sup>3</sup> Bins in a tongue and groove style, so that the entire surface area is in contact (rather than having a single point of impact to stress).

The recess in the top rim creates a nice lift access point; again, utilising the bin rather than impacting the strength integrity of the lid.

## 1.5M<sup>3</sup> & 2M<sup>3</sup> LOCKBAR

Our lock bar & brackets are hot dip galvanised and fit up retrospectively to the bins.

The bar and bracket are bolted in to captivated female fixings housed securely in the box section top rim.



## WHEELS

### *In detail*

125mm wheel sets are supplied as 2x Fixed Directional, 2x Swivel Braked Castors.

1200kg rated Red Polyurethane (PU) outer on a Cast Iron inner; or

600kg rated Blue Rubber on a Black PU inner (smaller bins).

All wheels are supplied with stainless fixings.

## 3M<sup>3</sup> & 4.5M<sup>3</sup> LOCKBAR

The same lock bar has been designed to fit both the PLAST-AX 3m<sup>3</sup> & 4.5m<sup>3</sup> FEL bins.

PLAST-AX lock bars are simple, robust and engineered with suitable tolerances to handle intended conditions of use.



Every lid pair is immaculately uniform.  
We are obsessed with this.

## PLAST-AX FEL LIDS

---

**PLAST-AX Lids for the FEL Bin range have been a significant move forward for the waste industry in New Zealand, removing the persistent breakage problem with the old style steel bin + plastic lid alternative.**

By design, our lids have inherent flex and impact resistance to last in their conditions of use.

PLAST-AX FEL Lids are moulded evenly with big radiuses, strong corners, thick edges, and consistent strength.

Every lid pair sits square, flush, and tight together. It is impossible to achieve this solely at the fitting stage: it is the result of intense design detail.

A nice clean fibreglass hinge rod draws the lids and bin together, secured by a 3mm stainless split pin tidily recessed back between the joints, positioned through a predrilled hole. Please ensure your team fit the split pins provided so that the hinge rod is kept in place throughout the emptying cycles.



Same Left + Right lid pair for PLAST-AX 1.5m<sup>3</sup> and 3m<sup>3</sup> FEL Bins

## PLAST-AX FEL LIDS

**It's bins and lids together, that's the key.**

The same one designer, manufacturer, and supplier for both.

The fibreglass hinge-rod provides additional tolerance for the bin and lids to all move together; when there is an impact, the whole unit flexes together and returns back to its original position.

(Conversely, with steel bin hinge rod, often it's the steel hinge rod that bends – and stays bent – then leaving the plastic lid vulnerable out at an angle; on subsequent empties it is then the lid that gets damaged. This is avoided with the PLAST-AX system)

Lids are finished, stored, and stacked in custom-built stillages at PLASTAX. We are fanatical with jiggling and storage of lids to ensure they retain the right, lasting polymer memory.

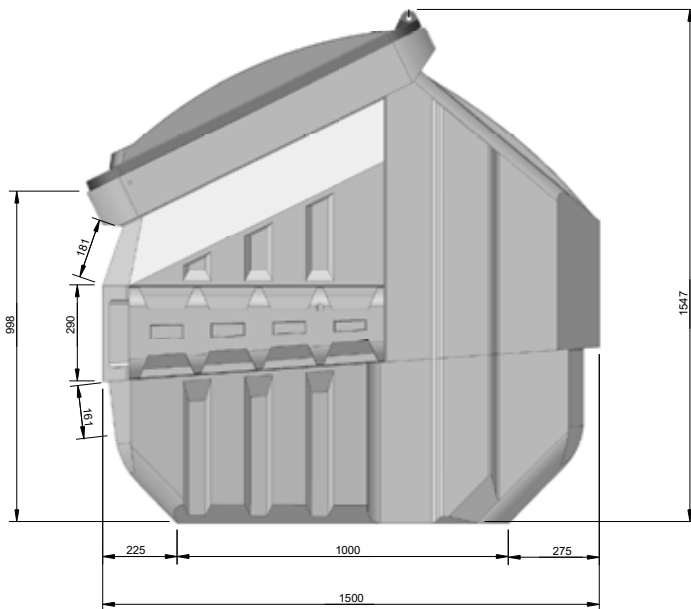
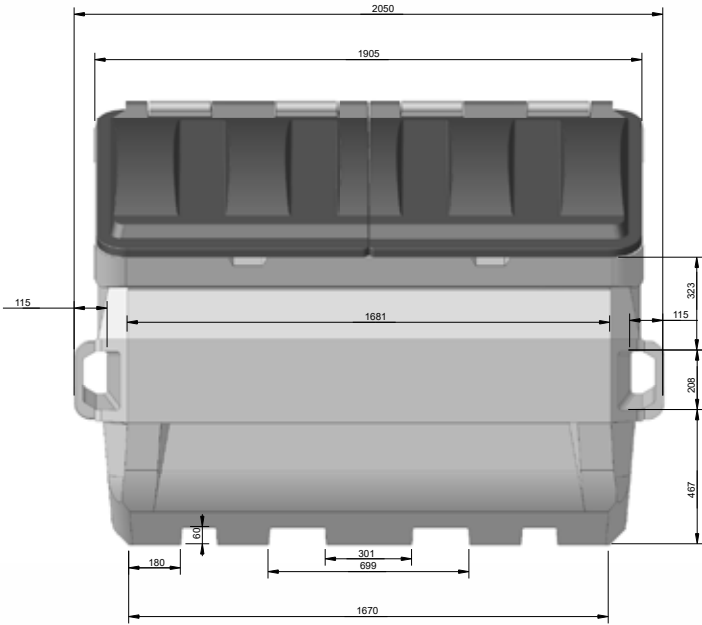
Lid pairs can be supplied in any colour to suit your company branding or to assist in directing waste streams: e.g. Light Grey for cardboard, Yellow for comingled recycling.



FEL BINS  
Features



3mm stainless split pin



3m<sup>3</sup> and 4.5m<sup>3</sup> stacked for freighting

