

# PLAST-AX

## FEL BINS: 1.5M<sup>3</sup>

AN EXTRACT FROM THE BIN BOOK

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*Specialist bin supplier to New Zealand industry*

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## 1.5M<sup>3</sup> FEL BIN

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<b>Code:</b>	BN242
<b>Capacity:</b>	1508 Litres
<b>Fill Height:</b>	920 mm +160 mm with castors
<b>Tare Weight</b>	89kg
<b>Weight Rating:</b>	600kg

## 2M<sup>3</sup> FEL BIN

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The 1.5m<sup>3</sup> can also be supplied as a taller 2m<sup>3</sup> bin.

<b>Code:</b>	BN250
<b>Capacity:</b>	2021 Litres
<b>Fill Height:</b>	1295 mm + 160 mm with castors
<b>Tare Weight</b>	95kg
<b>Weight Rating:</b>	800kg

Both the 1.5m<sup>3</sup> & 2m<sup>3</sup> FEL Bins are:

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

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

FEL BINS  
1.5m<sup>3</sup>



1.5m<sup>3</sup> FEL bin out in the wild.





Ideal for use indoors

## 1.5M<sup>3</sup> FEL BIN

**Get it right the first time, every time.**

The 1.5m<sup>3</sup> is the bedrock design of the PLAST-AX FEL bin, first coming into production 2017.

The thousands of hours of design, testing, trials, and development of this ground-breaking bin have ensured that from the start every bin has outperformed all expectations and in turn, has created demand for the full range of PLAST-AX FEL bins.

PLAST-AX FEL bins deliver strength and endurance outside in the elements and through all the collection cycles of business as usual.

Equally important, when you bring a PLAST-AX FEL bin inside, it has big, curved corners and smooth plastic surfaces that help protect people and plant when using and moving them around. The side FEL fork pockets provide a nice radiused handle grip to facilitate manually pushing them around on their castor wheels.

The 1.5m<sup>3</sup> FEL bin stacks 4x high for efficient transport and storage.





## 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

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**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.

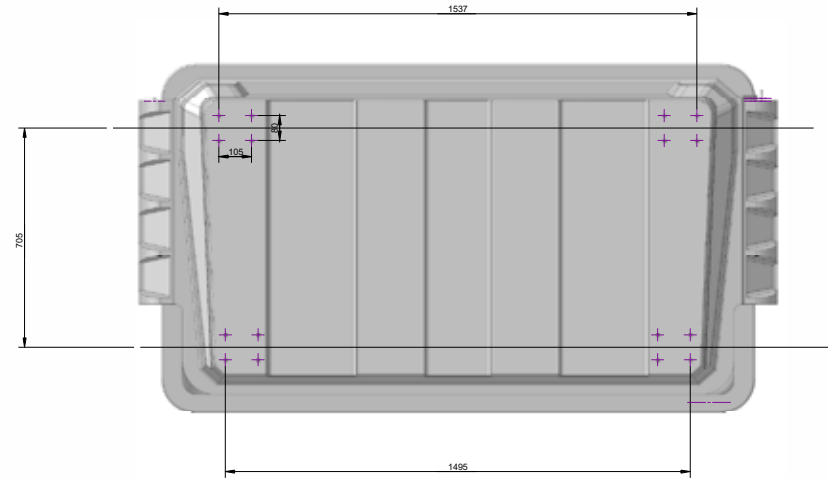
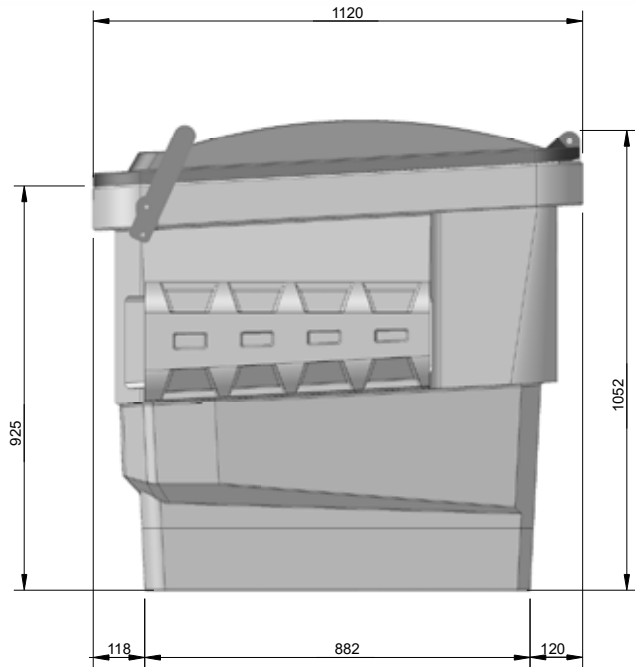
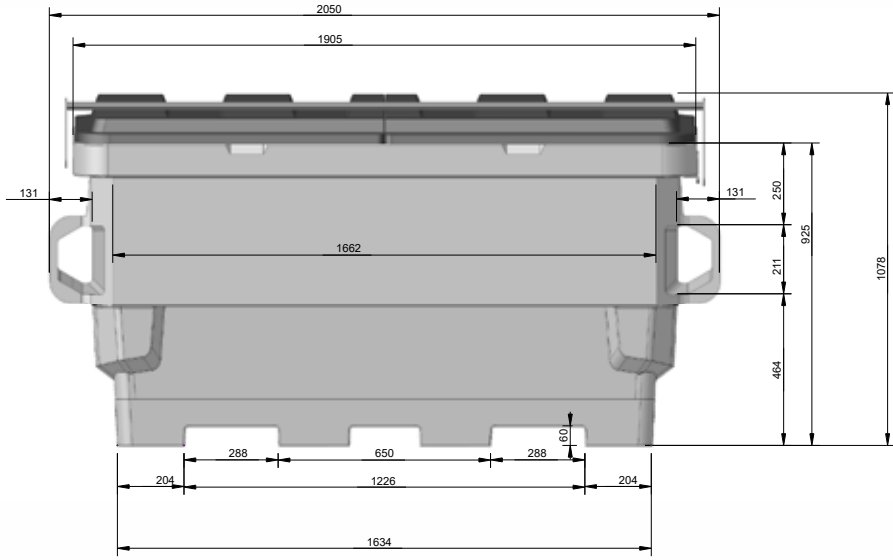
Lid pairs can be supplied in any colour  
to suit your company branding or to  
assist in directing waste streams: e.g.  
Light Grey for cardboard, Yellow for  
comingled recycling.



FEL BINS  
Features



3mm stainless split pin



# 1.5M<sup>3</sup> SIZE GUIDE