



A SMARTER WAY TO MANAGE BULKY WASTE

FROM MULTIPLE BINS TO ONE CONTROLLED SOLUTION

WASTE TYPE: BULKY TIMBER CRATES

COLLECTIONS REDUCED BY

63%

EXPANDED SERVICE SCOPE:

FROM ~50%
TO NEARLY **100%**
OF SITE WASTE



<https://www.youtube.com/watch?v=uVV5DKlh8k0>

CHALLENGE

The customer was dealing with large volumes of bulky timber crates that couldn't be efficiently compacted.

Multiple bins across the site were taking up valuable floor space, increasing handling time, and driving frequent collections.

At peak, this meant:

- Up to 10 truck movements per week
- Excess labour spent moving bins and breaking down waste
- Inefficient transport of low-density waste
- A cluttered work site that created hazards and additional OH&S concerns that needed to be managed

“ We were sending a lot of air in the containers... it wasn't efficient from a cost, space or time perspective. ”

Customer



THE SOLUTION

Working with the waste collector, a Roll Packer was introduced as part of a broader waste management solution.

Rather than increasing collections, the focus shifted to:

- Reducing waste volume at source
- Consolidating waste into a single location
- Improving overall site efficiency
- Consolidation of the total waste contract of the

THE RESULTS – MANUFACTURER

- **Significant reduction in bins** across site
- Cleaner, more structured waste handling process
- **Reduced internal handling and labour time**
- Improved safety through reduced traffic and a cleaner site
- More predictable, controlled collections

“It’s created a cleaner, more controlled environment... giving time back to our people to do their jobs.”

Customer

THE RESULTS – WASTE CONTRACTOR

- Expanded service scope from **~50% to near 100%** of site waste
- Reduced collections from **5–6 per week to ~2**
- **Improved fleet efficiency** and redeployment
- **Stronger customer relationship** through value-added solution

“It lets us solve operational problems, not just collect waste.”

Waste Contractor



PERFORMANCE HIGHLIGHT

- Compaction ratio: **up to 4:1**
- Typical uplift: 30–40 crates → 120–150 per bin
- Fewer collections, lower transport costs

THE TAKEAWAY

This project demonstrates a shift from waste collection to waste solution design.

For manufacturers:

A cleaner, safer, more efficient operation and happier staff

For contractors:

A higher value, more strategic service offering and a happier customer



If you’re dealing with bulky waste, timber crates, or inefficient collections, let our team design the right solution for your site.

Call us on 1800 441 100.

BERGMANN ROLL PACKER

The Roll Packer is designed to efficiently process bulky, low-density waste that cannot be compacted using traditional methods.

By breaking down large materials like timber crates, pallets, and packaging, it significantly reduces waste volume at the source and improves overall site efficiency.



FEATURES

- High-torque rotating drum with hardened teeth
- Designed for bulky waste such as timber crates and pallets
- Continuous loading and compaction process
- Compatible with standard hook lift bins
- Heavy-duty construction for industrial environments
- Simple and safe operator controls
- Low maintenance design

OPTIONS

- Single or multi-bay configurations
- Static or mobile installation
- Integration with existing waste handling systems
- Custom bin sizes and configurations
- Service and maintenance support packages

IDEAL APPLICATIONS

- Manufacturing and production facilities
- Warehousing and logistics operations
- Waste contractors managing bulky streams
- Sites generating timber crates, pallets, or large packaging

OUTCOMES

- Fewer bins across site
- Reduced collections and truck movements
- Improved safety and site cleanliness
- Centralised waste handling
- More efficient use of labour and floor space



PERFORMANCE

- Compaction ratio: **up to 4:1**
- Increase bin utilisation significantly
- Fewer collections, lower transport costs
- Reduce air space in transported waste

MATCH THE MACHINE TO THE MATERIAL.

For bulky waste streams, the Roll Packer delivers a smarter, more efficient solution.

Contact us for more information on
1800 441 100 or visit **wasteinitiatives.com.au**