



WASTE^{25 YEARS}TECH
ENGINEERING

PRODUCTS & SOLUTIONS FOR THE RECYCLING & WASTE INDUSTRIES



25 Years of Wastech

Established in 1993, Wastech has grown from a tiny three man outfit, to over 100 employees; one of the largest suppliers of equipment and solutions for the waste and recycling industries in Australia.

Nation-wide, we pride ourselves on extensive industry knowledge coupled with state of the art equipment, to provide the best solution on the market, all backed by 24/7 service and repairs in every state.

CELEBRATING
25
YEARS



WASTECH
ENGINEERING

PRODUCTS & SOLUTIONS FOR THE RECYCLING & WASTE INDUSTRIES
discover more at wastech.com.au // 1800 465 465

COMPANY PROFILE



PRODUCTS & SOLUTIONS

With over 25 years of experience designing, engineering, manufacturing, supplying and servicing waste and recycling equipment, both Australia wide and internationally, Wastech consultants have an extensive industry knowledge coupled with state of the art equipment that will save you both time and money.

Whether it's general waste, cardboard, plastic, e-waste or polystyrene, Wastech has a solution for your site. From Melbourne to Darwin, Brisbane to Perth, Sydney to Adelaide; our waste management consultants are able to tailor solutions for each unique site to save on costs, while promoting a sustainable future.

Our national 24 hour, 7 day per week maintenance and breakdown response service, ensures all our products, including compactors, balers, chutes, transfer stations and material recovery facilities, can continue to operate around the clock. Our waste management consultants are available to provide you with the support you need, from initial plans and purchase, to after installation services. Contact us today to learn more.





BRAMIDAN BALERS

COMPACT & CONTROL

Wastech are the sole Australian importer and agent for Bramidan Balers from Denmark. Bramidan Balers are recognised throughout Europe as one of the best waste management solutions, for their immaculate design and quality. Simply put, Bramidan Balers are the best in the world.

Bramidan Balers are capable of not only compacting cardboard and plastic, but materials such as e-waste and metals. The full Bramidan range caters for volumes anywhere from small fruit shops to waste transfer stations.



Baler	Filling Opening	Bale Size	Bale Weight
B-Series	(W x H)	(W x D x H)	(kg)
B3	700 x 460	700 x 500 x 650	30-50
B5 Wide	1000 x 500	1000 x 700 x 800	80-110
B20	1200 x 550	1200 x 800 x 850	200-250
X-Series			
X25	1090 x 530	1200 x 800 x 800	250-300
X50	1090 x 610	1200 x 800 x 1100	400-450

COMPACTORS

LARGE VOLUMES, ULTIMATE COMPACTION

Crush and compact your waste. Wastech Stationary and Transportable Compactors can be designed to suit your specific site requirements and handling/loading methods. Our experienced consultants are industry leaders in both design and execution; working closely with you to obtain the very best solution, tailored to your needs.

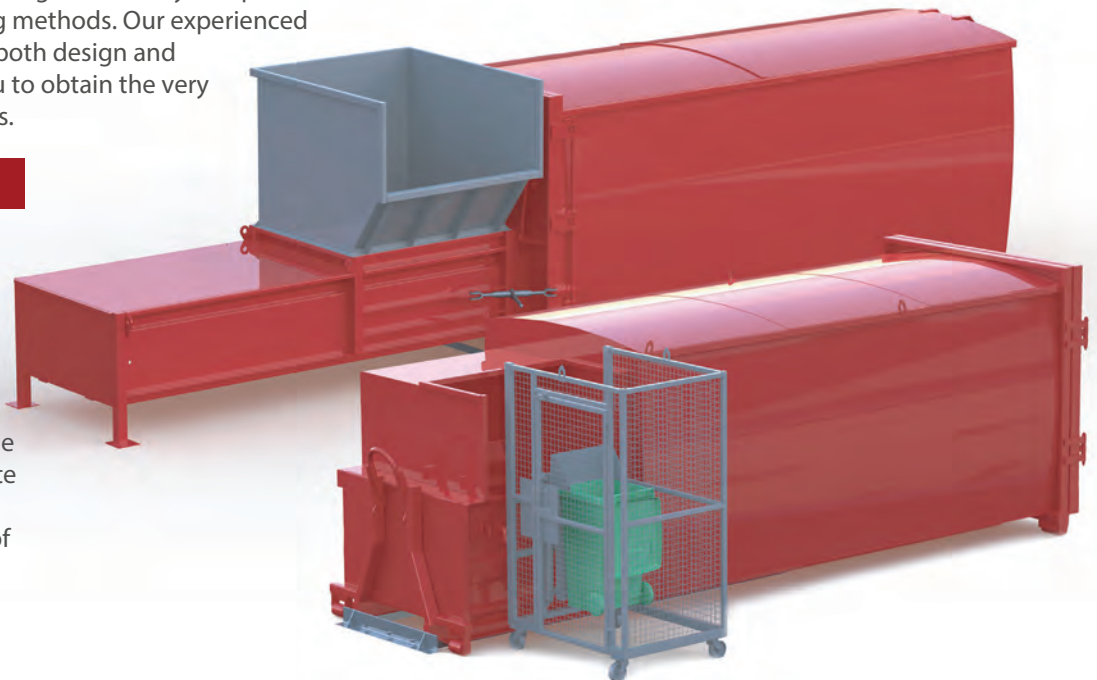
PRODUCT INNOVATIONS

Smart Stroke Blade Compactor:

- Doubled Compactor Life
- Halved Power Consumption
- Increased Labour Efficiency

Smart Weigh Compactor:

- Bin Lifter and Hand Load Capable
- User-by-user Breakdown of Waste Volume Received
- Fair and Equitable Distribution of Disposal Cost for Multiple Users
- NMI Approved to Allow Customer Charge by Weight



Compactor	Type	Throughput (m ³ / hr)	Cycle Time (sec)
Rota-Pak	Transportable	120	Continuous
Stat Auger	Stationary	120	Continuous
T1000	Transportable	110	40
ST1000	Stationary	110	40
S1500	Stationary	110	47
S2000	Stationary	110 or 142*	55 or 43*
S3000	Stationary	110 or 142*	70 or 55*
S4000	Stationary	310	60
S8000	Stationary	480	45

**dependent on motor size*



SHARK COMPACTORS

SHARK BULK WASTE COMPACTORS

The patented Shark Compactor is ideal for compacting and transporting large waste products that are too bulky to be handled by traditional compactors.

The large 5m³ fold down feed hopper has a low front edge for ease of loading. Its 50 tonne packing force and heavy duty design easily crushes and compacts vthe most difficult of waste types presented ie. furniture, mattresses, white goods, plastic chemical containers, insulation bats and oversize boxes.

When not in use the hopper is stored in the raised position ensuring it is safe when used in unsupervised locations. The Shark is ideal for use as a "Pop Up" Transfer Station application as it requires no civil works or saw tooth bays and can be diesel powered.



Material to be compacted	Payload
Wood framed furniture	6 – 7 tonnes
Hard plastic containers	5 – 6 tonnes
Large difficult cardboard boxes	5 – 6 tonnes
Insulation Bats	7 – 8 tonnes

HIGH-FORCE AUGERS & PRE-TREATERS

DOUBLE YOUR COMPACTION

Combined with a Presto High Force Auger, either a crusher or shredder can handle cardboard pallets, plastic, PET bottles and even wooden pallets. More than double your compaction and halve your transport, all in one combination.

A PROVEN DOUBLE-BLOW

First, the crusher is designed to destroy the integral shape of any loose material, sheets or even pallets; tearing it all to shreds.

The High Force Auger then compacts this treated material, achieving up to double the bin weights when compared to conventional compactors. As the material has been torn and crushed emptying of the bin is assured even with these higher weights.



Material	Expected Compactor Bin Weight in 35m ³ Bin (Tonnes)
Cardboard	8.0 +
Plastic	8.0 +
PET Bottles (with perforator)	7.5 +
Wooden Pallets	5.5 +
Cardboard Pallets (with cardboard crusher)	8.0 +
Residual Waste from Sorting Plant	10.5 +

**tonnage dependent on bin size*

PRESTO HORIZONTAL BALERS

AUTOMATIC OR MANUAL TIE

Due to their compact design, Presto Horizontal Balers require little space to manage huge volumes. They are used to compact large quantities of recycling materials, making stable, stackable bales which help you to use your storage space and transportation capacity efficiently; reducing your costs and labour.

Reliable function and user-friendliness go without saying for all Presto products; not only in operation, but also in terms of integration into the working environment. A Presto Horizontal Baler is ready for use as soon as the machine hits the floor.

These systems can be fed continuously, either manually or by machine conveyors; all models featuring either manual or automatic tie methods.



Baler	Filling Opening	Bale Size	Bale Weight
CC-Series	(W x D)	(W x D x H)	(kg)
CC13	750 x 750	1000 x 750 x 700	150-180
CC20	1000 x 750	1000 x 750 x 700	200-220
CC40	1030 x 1100	1000 x 1100 x 750	400
HPK-Series			
HPK50 BK	1250 x 1050	1000 x 1100 x 700	500
HPK70	1600 x 1050	1000 x 1100 x 700	600

PAM BALERS

FOR HIGH VOLUME APPLICATIONS

PAM HORIZONTAL AND TWO RAM BALERS

PAM are one the leading European Baler suppliers to the recycling industry. With over 20 Balers in Australia they are well established in our market.

They have a wide range of balers to suit every application, throughput and budget.

Pam also supply ancillary plant like steel slat belt feed conveyors, de-blockers, fluffers, perforators and shredders.

Touch screen control panels, remote login and easy access panels ensure maintenance and cleaning operations are a breeze.



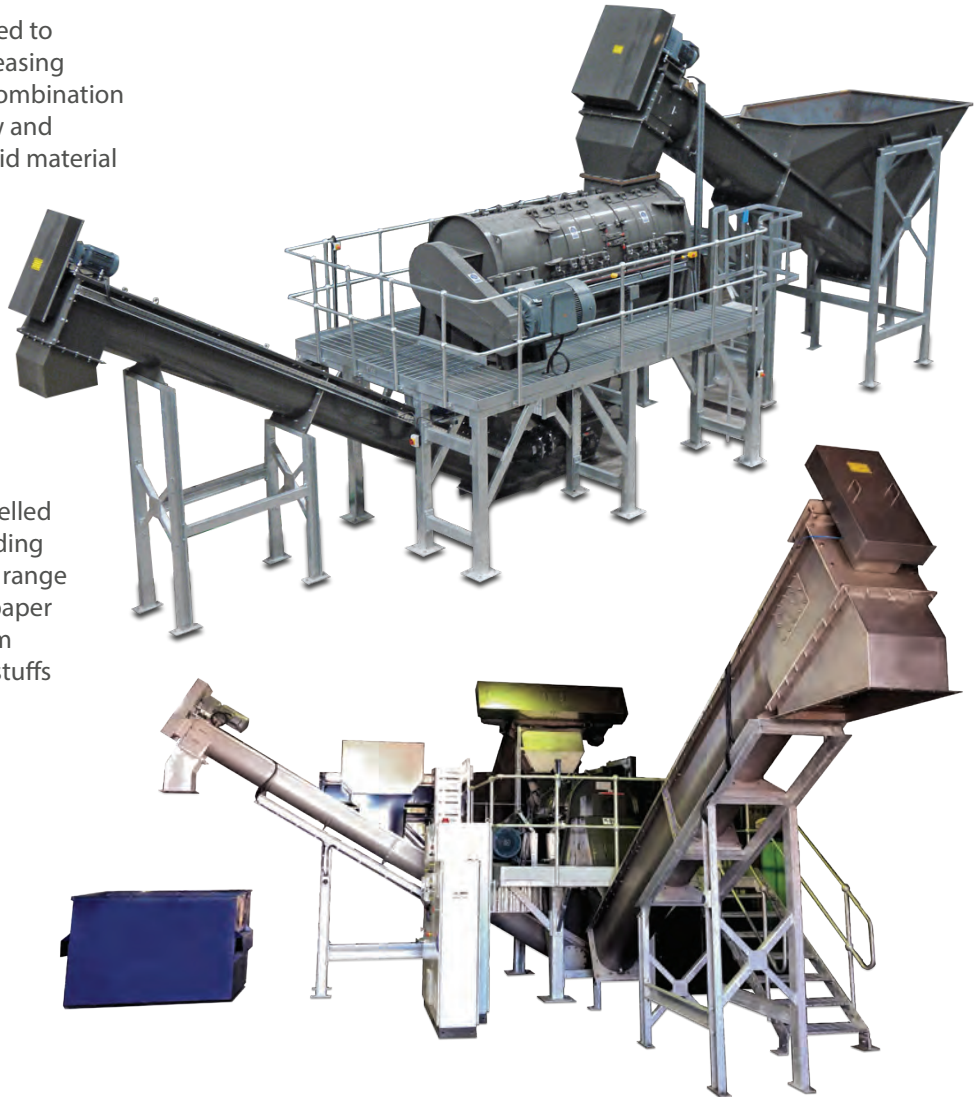
Model	Force (t)	Throughput	Application
Closed Door Baler	60 t	1 – 1.5 tph	Low volume MRF, High volume end user. Multi product use. Low cost
Auto Tie Channel Baler	40 – 145 t	1.2 – 21 tph	Low to high volumes of fibre and plastic containers. Export size and weight bales
Two Ram Baler	100 – 185t	4.5 – 13 tph	High force machine for multi product applications inc. rigid plastics

TURBO SEPARATOR

The **TURBO SEPARATOR** has been developed to remove products from their packaging, releasing them for recycling or disposal. Through a combination of centrifugal forces, self-generated air flow and mechanical action, up to 99% of dry or liquid material can be removed from their packaging.

When compared to other methods of packaging separation, the **Turbo Separator** achieves higher separation efficiencies with lower power consumption which results in reduced operating costs.

The **Turbo Separator** is ideal for separating out of specification, out of date and mislabelled products from a variety of packaging including cans, plastic bottles and boxes. The diverse range of applications includes the separation of paper from gypsum in plasterboard, organics from packaging in food waste and general foodstuffs from their packaging.

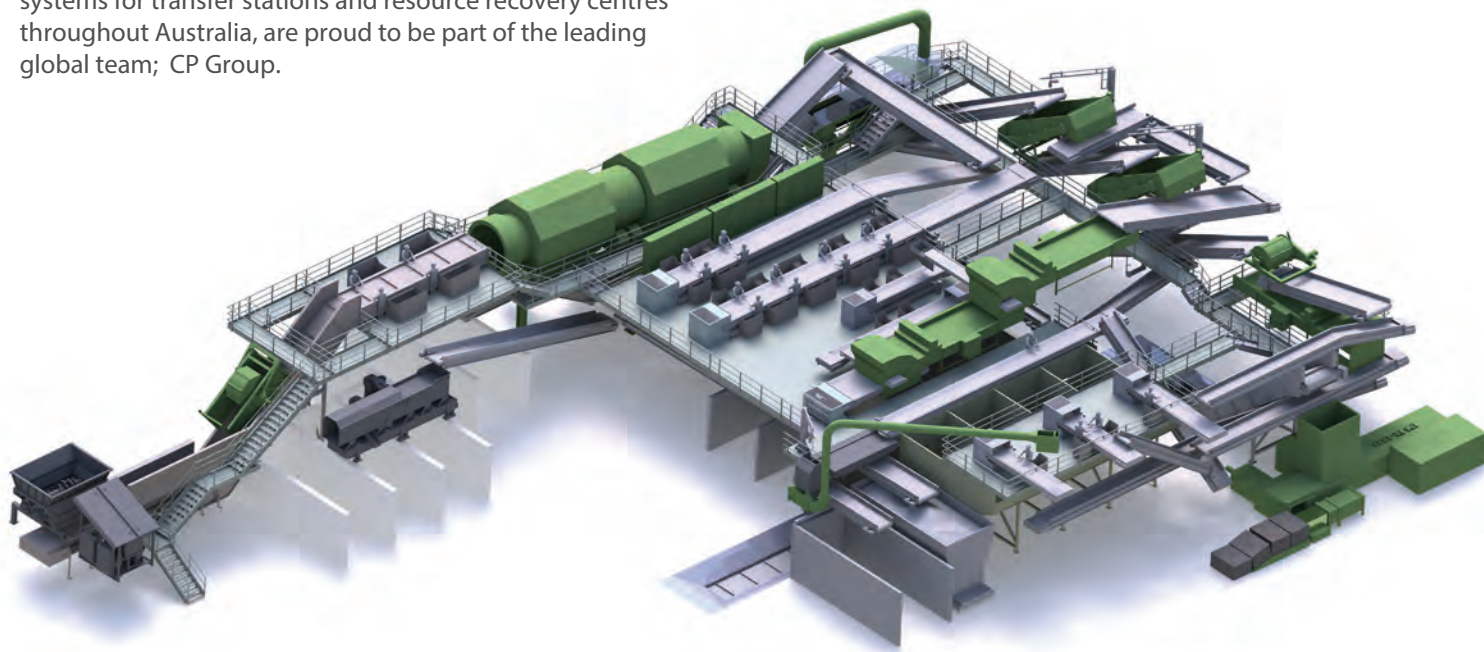


Model	Separation Rate
TS1260	Up to 600kg/hr
TS2096	Up to 5 tonnes/hr
TS3096	Up to 10 tonnes/hr
TS42104	Up to 15 tonnes/hr
TS42120	Up to 20 tonnes/hr

MATERIAL RECOVERY FACILITIES

THE NEXT GENERATION IN RECYCLING

Wastech Engineering, as an industry leader in concept design and manufacture of waste handling equipment and systems for transfer stations and resource recovery centres throughout Australia, are proud to be part of the leading global team; CP Group.



WE BUILD FACILITIES TO SORT

- Commingle
- Construction and Demolition (C&D)
- Commercial and Industrial (C&I)
- Municipal Solid Waste (MSW)
- Engineered Fuel (WtE)
- E-Waste

The CP Group is your one-stop-shop industry-proven company to turn to for the most technologically advanced sorting systems and equipment. So if you are looking for a partner who can provide state-of-the-art, turn-key solutions for your material recovery facility, trust the global leader.

RECYCLING SORTING EQUIPMENT

- Conveyors
- Optical Sorters
- Air Separation
- Magnetic Separation Glass
- Crushing & Processing
- Perforators
- Disc Screens
- Trommel Screens
- Auger Screens
- Intelligent Motor Controls
- Eddy Current Separators

Wastech provide all the equipment for all types of material recovery facilities, from the tipping floor, to the bale storage area and everything in between. Our systems are smart systems; thanks to our intelligent motor control systems, all of our equipment is fully integrated. We offer solutions for plastic, cardboard, paper, aluminium, steel, E-waste and glass separation.

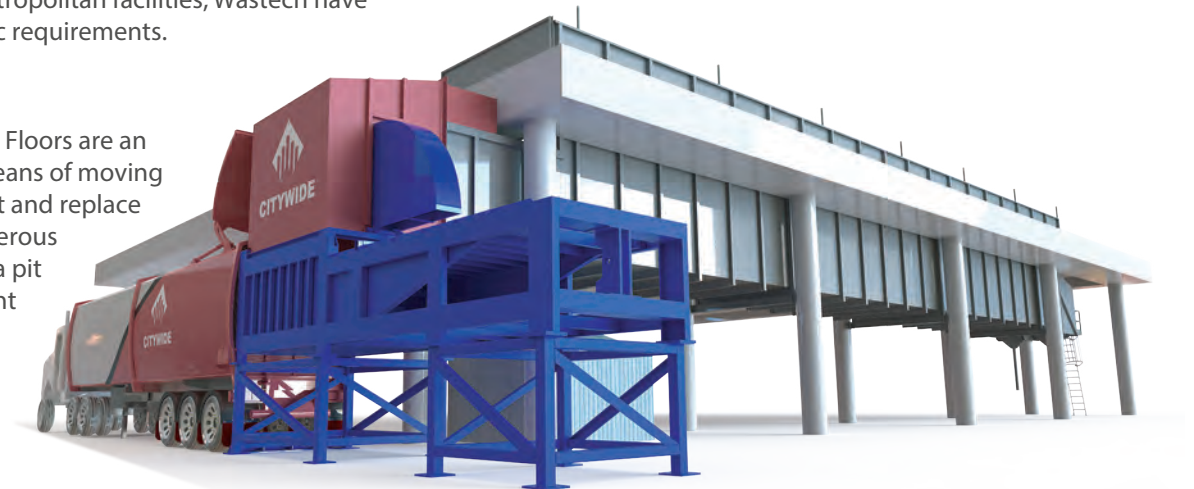
TRANSFER STATIONS

THE COMPLETE SOLUTION

Wastech are leaders in concept design, manufacture and installation of Transfer Station Systems to suit all waste types, through-puts and geographical challenges. From open top skips in small regional areas, to high throughput compactors and waste balers for busy metropolitan facilities, Wastech have a solution for all client specific requirements.

MOVING FLOORS

Wastech Engineering Moving Floors are an efficient and cost effective means of moving product in a waste receival pit and replace the outdated and often dangerous means of moving product in a pit via a push blade, dozer or front end loader.



TRANSFER TRAILERS

The Wastech Engineering compaction transfer trailer has a large, uninterrupted, smooth appearance that enhances our customer's corporate image and allows for signage and logo display to be the main feature of the Wastech Cleanline Trailer.

Our trailer incorporates the use of Hardox 450 high tensile plate in the body which is able to withstand the high piercing forces experienced during the compaction process of industrial type wastes.

Subsequently this gives a greatly reduced tare weight and increased payload. The body comes with an integral hydraulic pusher blade for positive ejection of the load at the destination. Wastech trailers have the option of either hydraulic or manual rear doors.



SMOOTH TUBES CHUTES

SUPER-SMOOTH HIGH-RISE CHUTE SOLUTIONS

Wastech designed and certified the first domestic waste chute in the world. Branded Smoothtubes™, this system features an internal finish that has 80% less friction than steel, making it quieter, smoother and corrosion proof when compared to steel and cement chutes. The moulded connection between the loading throat and vertical chute minimises the impact area at each level. No sharp angles means a faster, less restricted, continuous flow from the stainless steel loading door down to the basement or collection point.

INSTALLATION

Chute sections weigh no more than 15kg each allowing easy transport and installation by hand without reliance on Tower Cranes. Gas style nail guns are used to fix the chute mount to the slab to reduce install time. Bricking up instructions are detailed on the front panel of every loading throat, which stays fitted until installation of loading door to prevent unauthorised use and potential damage from building rubble.

MAJOR PROJECTS

- VIC - Eureka Tower
- VIC - QV1
- VIC - 888 Collins Street
- VIC - Melbourne Cricket Ground
- VIC - Upper West Side
- WA - Latitude at Leighton Beach
- QLD - Soul
- QLD - The Hudson
- SA - Urbanest
- NT - Soho
- ACT - IQ Apartments
- NSW - Magnolia

OPTIONAL EQUIPMENT

- Penetration Forming Ring
- Automatic Bin Feed Systems
- Garbage Compactors
- Manual Bin Handling Equipment
- Flushing Spray
- Collection Bins
- Odour Control Systems
- Equipment & Bin Monitoring Systems



Specifications

Nominal Internal Diameter	530mm
Material	LLDPE (Linear Low Density Polyethylene)
Thickness	5mm - 7.5mm nominal
Mounts	3mm Galvanised Steel
Noise & Vibration Prevention	Acoustic Mounts to All Levels
Ventilation	200mm Galvanised Steel Fan
Loading Throat	440mm x 440mm



WASTE MANAGEMENT PLANS

PLANNING & CONSULTANCY

Preparing a plan to manage the waste and recycling needs of your development is an important part of the planning application process.

At Wastech, our experienced waste management consultants will work closely with you to deliver a comprehensive report that complies with council codes, BCA, Australian Standards and statutory requirements.

FROM PROJECT INCEPTION TO COUNCIL SUBMISSION

Our consultants can provide:

- Savings on costly revisions at later project stages
- Waste stream and volume assessment
- Equipment recommendations
- Collection alternatives
- Operational requirements

Wastech takes the time to review the design and functionality of the proposed waste system within your building. This includes expert advice on chute design and integration with collection bins and compactors.

From low, medium or high density residential developments, through to large commercial or mixed use developments, Wastech will deliver a waste management plan that maximizes your projects space and design objectives.

Preliminary Advice: Talk to an experienced waste management consultant to consider waste and recycling elements at design phase.

Priority Service: Fast, efficient and reliable service with complete reports available within five business days.

Tailored & Comprehensive Reports: We will work closely with you to address any specific planning requirements or concerns relevant to your project.



24/7 SERVICE & SUPPORT

24 HOURS A DAY, 7 DAYS A WEEK, 365 DAYS A YEAR

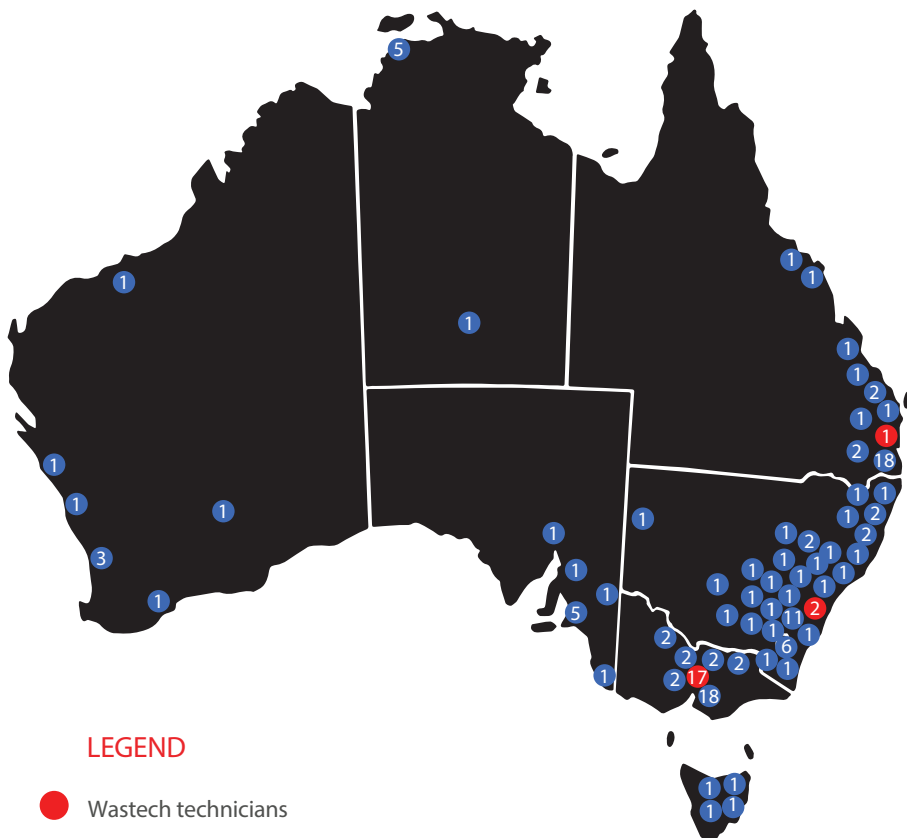
With a dedicated service and repair line available 24 hours a day, 7 days a week, 365 days a year for breakdowns and technical assistance, no site is ever left unattended.

Our own Cloud Based Service and Support Network (CBSSN) makes the tracking of equipment, scheduled servicing and inspections streamlined, simple and efficient. A full history for every single unit ensures the job is done right, with reports available at the touch of a button.

Each of our technicians has the ability to remotely access our CBSSN system directly via iPad. All the details of the service or breakdown are provided in full to the technician before they even reach the site; reducing your costs and downtime.

Nation-wide, every minute of every day, Wastech have you covered.

CBSSN Example Report



LEGEND

- Wastech technicians
- Contracted technicians

A VAST NETWORK OF TECHNICIANS

We have 20 Wastech technicians supported by a network of over 130 contract technicians, servicing more than 11,000 balers, compactors, MRFs and Transfer Stations nationally



For 24/7 Service, Simply Call

1300 665 870



SERVICE CENTRE

MELBOURNE PURPOSE BUILT FACILITY

Servicing, urgent maintenance, small and large scale refurbishments; the Wastech Service Centre is specifically designed to meet the ever increasing maintenance demands of the waste and recycling industries.

Built in 2015, our Melbourne centre, located in Hallam, is Wastech's national service administration hub, responsible for over 11,000 equipment items throughout Australia, 24 hours, 7 days a week, 365 days of the year.

Hosting 1360m² of working floor space, 32 full size work bays, a 10 tonne overhead crane, full semi-trailer sized paint booth and 3036m² of hardstand storage space, the Wastech Service Centre is the new standard in nationwide service and support.

COMING SOON:
SERVICE CENTRES IN
SYDNEY AND BRISBANE



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