

**RECYCLING:
A 21ST CENTURY
BUSINESS SOLUTION**

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Towards a sustainable future

About ACOR

- National Peak industry body for resource efficiency
- representing major companies in resource recovery, industrial ecology, recycling, product stewardship and remanufacturing
- >85% of all recycling activity
- >30 million tonnes p.a.
- 40,000+ jobs and growing

ACOR's core roles

- Lobbying Federal and State Government
- Expert advice on dealing with Government
- Input into Government policy and regulation
- Developing Industry policies
- Fostering industry development
- Promoting improved recycling outcomes
- Linking members to industry networks

Key Initiatives

- National Waste Policy implementation
- National Recycling Sector Study
- Recycling as carbon abatement
- Product Stewardship schemes
- Business Accreditation
- Product Design Standards
- State Government Strategy Review

Qld Government Strategy

- Qld Waste Reduction and Recycling Strategy 2010-2020
- Launched December 2010
- Aims to:
 - reduce waste
 - optimise recovery and recycling
 - develop sustainable waste industries and jobs.

Five pronged approach ...

- Clear targets and priorities
- Setting a price signal – the waste disposal levy
- Stronger regulation
- New programs and investment strategies
- Partnering for change

Headline Strategy Targets

- reduce waste to landfill by 50 per cent
- reduce landfill gas emissions by 50 %
- increase the recovery and recycling of resources across all waste streams
- reduce generation of waste
- reduce the total amount of, and the environmental impacts from, litter and illegal dumping.

Recycling Targets ...

- Recover and recycle by 2020:
 - 75 per cent of construction and demolition waste
 - 60 per cent of commercial and industrial waste
 - 45 per cent of regulated waste
 - 65 per cent of municipal solid waste
- Target 150 – recycle 150 kg of household waste per person per year

Waste Levy as Price Signal ...

- The levy will provide:
 - a price signal to encourage waste generators to reduce waste generation and disposal
 - a deterrence to the unnecessary disposal of interstate waste in Queensland
 - an incentive for industry investment in resource recovery infrastructure
 - funding for programs to improve waste avoidance and resource recovery practices.

Rate of Waste Levy

Waste stream Levy \$/tonne disposed	
Commercial and industrial waste	\$35
Construction and demolition waste	\$35
Contaminated and acid sulfate soils	\$35
Regulated Waste – Low Hazard	\$50
Regulated Waste – High Hazard	\$150
Municipal Solid Waste	\$0

How the Levy will be applied ...

- \$159 million towards targeted programs to help business and industry reduce waste and to encourage industry investment in recycling technologies, particularly in regional areas
- \$120 million for local governments to spend on environmental projects, focusing on better waste management facilities and practices
- any surplus funds will be dedicated to priority Queensland Government environmental initiatives, including acquiring land for national parks.

Recycling to save costs ...

- know what you generate (Waste Audit)
 - What types of by-product?
 - How much of each type
- Implement source separation
- Source recycling companies
 - Some products have value \$\$\$
 - Paper, metals, aluminium
 - Some incur a recycling gate fee
 - but no Waste Levy!!

Plenty of Recycling Infrastructure

- > Extensive coverage and reach with multiple service streams that are second to none
- > Collections
 - > Commercial and industrial and municipal kerbside collections
 - > General, food, green, medical and sanitary wastes
 - > All recyclables
 - > Paper, cardboard, plastic, glass, metal, aluminium, polystyrene, packaging, cartons
 - > All bin sizes and types



Recover Recycle Reuse

www.transpacific.com.au



Lots of Competition ...

- Site Assessment
 - Review services, equipment and schedules
- Solution Development
 - Identify, design and cost various options
- Service Implementation
 - Install equipment, communications and training
- Account Management & Reporting
 - Monitor performance, compliance and report

Solutions for Ferrous and Non-Ferrous Metals

Hundreds of Specifications

Metal Types

- Aluminum
- Copper
- Brass
- Zinc
- Lead
- Stainless Steel (Nickel)

Dozens of grades for each metal,
based on the alloys that are added



Solutions for Commercial by-products...



Amcor Recycling Equipment Overview

4.5m³ Front Lift Bin

About Amcor's Recycling Equipment

Amcor Recycling was Australia's first paper and cardboard recycling company and remains a leading recycler of these and other products.

Supplying a unique range of recycling equipment for commercial purposes, Amcor Recycling has a solution to fit your requirements. Custom solutions may also be developed to suit your specific needs.

Features and Advantages

- Amcor Recycling's national coverage provides you with a broad range of services. These include collection, sorting and recycling of products from a variety of different sized industries and markets.
- Our extensive service offering has expanded over time to include cardboard, paper, plastics and commingled products, as well as assisting Customers with their broader waste management requirements.
- More than 140 years of experience enable the Amcor Recycling team to tailor a recycling solution to suit your unique requirements, in order to achieve optimum economic, operational and environmental outcomes.
- A range of equipment options, from small office recycling boxes, front lift and mobile recycling bins, to automatic balers and fully customised stationary compactors gives you the flexibility to choose an optimised solution.
- Importantly, our team is committed to delivering safe, efficient and effective recycling services to our Customers.



1100L Mobile Recycling Bin

Solutions for a sustainable future
www.amcor.com/recycling



Amcor Recycling Equipment Overview



Small Office Recycling Box
360 (h) x 310 (w) x 250mm (d)

Plastic Bale Frame
1100 (h) x 630 (w) x 630mm (d)

240L Mobile Recycling Bin
3060 (h) x 585 (w) x 730mm (d)

660L Mobile Recycling Bin
1320 (h) x 1260 (w) x 780mm (d)

1100L Mobile Recycling Bin (on front)
1330 (h) x 1240 (w) x 1070mm (d)



3.0m³ Front Lift Bin
1220 (h) x 2050 (w) x 1350mm (d)

6.0m³ Front Lift Bin
1920 (h) x 2050 (w) x 1860mm (d)

Hydraulic Baler
Size varies, dependent on model.

Auto Baler
Size varies, dependent on model.



Open Top Bin (roll on/roll off)
Dimensions vary.

Stationary Compactor & Bin
Purpose built per size, dimensions vary.

For Customer Service
T 1800 819 000 www.amcor.com/recycling
Diagrams and dimensions are representative only. Printed on FSC certified 50% post consumer waste stock sourced from well managed forests. © Amcor 2011 V1



Towards a sustainable future

Doing Nothing is not an option ...

- Conduct a Waste Audit
- Review current costs
- Review bin configuration and collection system
- Obtain quotes
- Reduce wasting resources to landfill
- Reduce impact of waste levy
- Improve environmental footprint
- Potentially recover revenue for clean resources

ACOR

Building a Path to Zero Waste

Recycling for a Sustainable Future