

**METALCOM**



**PILBRA'S PREMIUM  
SCRAP METAL RECYCLERS**







# OVERVIEW

## WE ARE THE LARGEST SCRAP METAL RECYCLER IN THE PILBARA REGION.

Metalcom is a business unit of McMahon Services Australia.

Formed in 2006, Metalcom sources, collects, transports, processes and markets scrap metal collected from industrial clients in remote areas of Australia's northwest. Additional services include intra and interstate transport, demolition, asbestos removal, civil works and building services, which are supported by both parent companies.

Over a short period of time, the business has experienced rapid growth and now operates the largest scrap metal processing facility in the Pilbara region at the newly constructed Gap Ridge Industrial Estate.

Metalcom provides scrap reclamation and contract services to leading companies throughout Western Australia in industries such as power and water utilities, steel and chemical manufacturing, and mining and processing. We understand their critical, sensitive and high risk operating environments. We also have the most experienced scrap metal personnel in the Pilbara region.

Metalcom proudly hold third party accreditation in Occupational, Health and Safety to Australian standards and, Environmental and Quality Management to International standards.

### SERVICE CAPABILITY

- **Scrap metal recycling**
- **Ferrous and non-ferrous trading**
- **Rail disposal management**
- **Mine site clearance**
- **Onsite recycling management**
- **Transportation and logistics**
- **Metal collections and recycling**
- **Mill and foundry supplies**
- **Plant and asset disposal**
- **Plant demolition**
- **Local and interstate transport**
- **Mine site closures**
- **Plant, equipment and labour hire**
- **Unique hook bin system**
- **Emergency response**
- **Derailment scrap processing**

Through the partnership, the group also delivers -

- **Remote scrap processing**
- **Environmental remediation**
- **Demolition and asbestos removal**
- **Toxic waste handling**

# INNOVATIVE SERVICES

## SCRAP METAL RECYCLING

We recycle a variety of scrap metals including brass, copper, stainless steel, cast iron, lead, zinc and nickel, contributing to a significant saving in greenhouse gas emissions.

## RAIL RECOVERY

Metalcom was the first company operating a rail breaking service, Metalcom worked with suppliers to design and refine the rail breaker, which has set industry standards. Rail is cut to length with a purpose built hydraulic breaker, an innovation that eliminates hot work. The rail is then forked onto semi-trailers and the area swept with an electro magnet, another innovation designed to eliminate manual labour. The recovered rail is tucked back to Karratha where it is processed for export out of Dampier.

Metalcom service all area of the rail network from Dampier to Yandicoogina approximately 446 kilometres out of Karratha and all lines servicing the mines including West Angelas, Tom Price, Brockman, Paraburdoo, Marandoo, Hope Downs and Pannawonica.

## DERAILMENT CLEAN-UPS

Metalcom provides immediate assistance, equipment and personnel for major derailments.

Projects snapshot -

- 262km Yandi Line
- Koala
- Maitland Siding

## MODERN EQUIPMENT

Metalcom boasts a modern fleet of plant and equipment, capable of tackling even the most challenging of projects. To improve efficiency, Metalcom has invested in the following:

- Largest most versatile shears in the Pilbara Region
- Long arm attachments
- Hydraulic rail breakers
- Large fleet of prime movers and trailers
- Unique hook lift bin service
- Mobile camp facility
- Demolition grabs
- Rubber tyred excavator
- 24 volt magnet
- 32 tonne forklift
- Sennebogen 825

## HOOK LIFT BIN SYSTEM

Metalcom is the first company in the northwest to operate a unique hook lift bin service for both scrap metal recovery and industrial waste disposal.

The main users of our bin service include metal fabricators, engineers, appliance manufacturers, sheet metal shops, work and transfer stations and site clean-ups.

The advantage of the hook bin system is we are able to load and off-load without any assistance from the client. We can leave as many bins on site as required and haul them by road train loads, again with no assistance.

Multiple bins can be transported through our highly efficient road trains resulting in reduced transport costs to our clients. Metalcom's hook bins range in size from 7m<sup>3</sup> to 32m<sup>3</sup>. All bins are 6m long except for the 7m<sup>3</sup> bins, which are 4m long. These bins were purpose built for Pilbara Iron to fit into tight areas.



**WE SERVICE ALL MAJOR CITY CENTRES IN THE PILBARA  
REGION INCLUDING KARRATHA, DAMPIER, PORT  
HEDLAND, TOM PRICE, NEWMAN AND PARABURDOO,  
ALONG WITH MAJOR MINE SITES.**





# INNOVATIVE SERVICES

## REMOTE AREA WORKS

Metalcom is perfectly positioned to undertake remote area works in far reaching locations in the northwest. Our purpose built mobile camping unit allows us to transport a specialist team with full accommodation to remote areas for the duration of the project. The unit is completely self-contained and leaves no impact on the environment. In addition, we have a number of 4WD vehicles fitted with remote area satellite phones, emergency first aid and retrieval equipment.



### CASE STUDY: 262KM YANDI LINE DERAILMENT CLEAN-UP

Within 12 hours of receiving a request for assistance, Metalcom mobilised equipment and personnel to the remote location. Metalcom not only assisted in the clean-up of each site, but also completed the rehabilitation of the Koala derailment.

It was noted by Pilbara Iron personnel that the Metalcom team responded rapidly and adjusted work methods to adapt to the hectic worksite, whilst maintaining the highest safety standards and no report of any safety incidents throughout the duration of the project.

### CASE STUDY: PORT HEDLAND RAIL CAR PROJECT

In 1971 Lang Hancock imported 274 ore cars into Australia. Never been used due to issues with import duty, mining heiress Gina Rinehart gave Metalcom the go ahead to cut up the cars.

Each ore car weighed around 18 tonnes, including the axle sets, so the mammoth task demanded excavators with shears to cut the bodies and an oxy cutter to cut up the chassis and wheel sets.

Metalcom used two excavators with shears and a WA 600 Wheeled loader on site at all times. And, a self-contained camp to accommodate the team of four was set up throughout the duration of the project.

It was also a condition that the scrap metal was disposed of overseas due to the import issues.





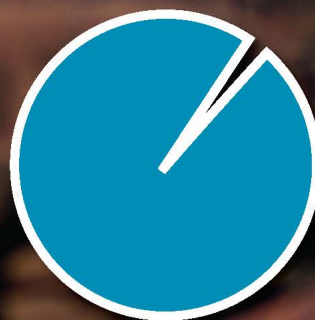


### CASE STUDY: NRA DRILL DERRICK DEMOLITION

Metalcom were engaged by Transfield Worley, a joint venture between Transfield Services and Worley Parsons on behalf of Woodside Energy Limited to demolish and remove a Drill Derrick as part of the North Rankin Asset Demolition project. The derrick was dismantled at sea by Transfield Worley and transported by boat to the King Bay Supply base in Karratha.

The Derrick was then transported to Woodside's lay down yard ready for scrap processing. Metalcom mobilised to site a PC450 demolition excavator with a 4500 Labounty Shear, a Sennebogen 825 material handler with 2000 Labounty Shear and a PC220 demolition excavator with magnet and grapple attachment.

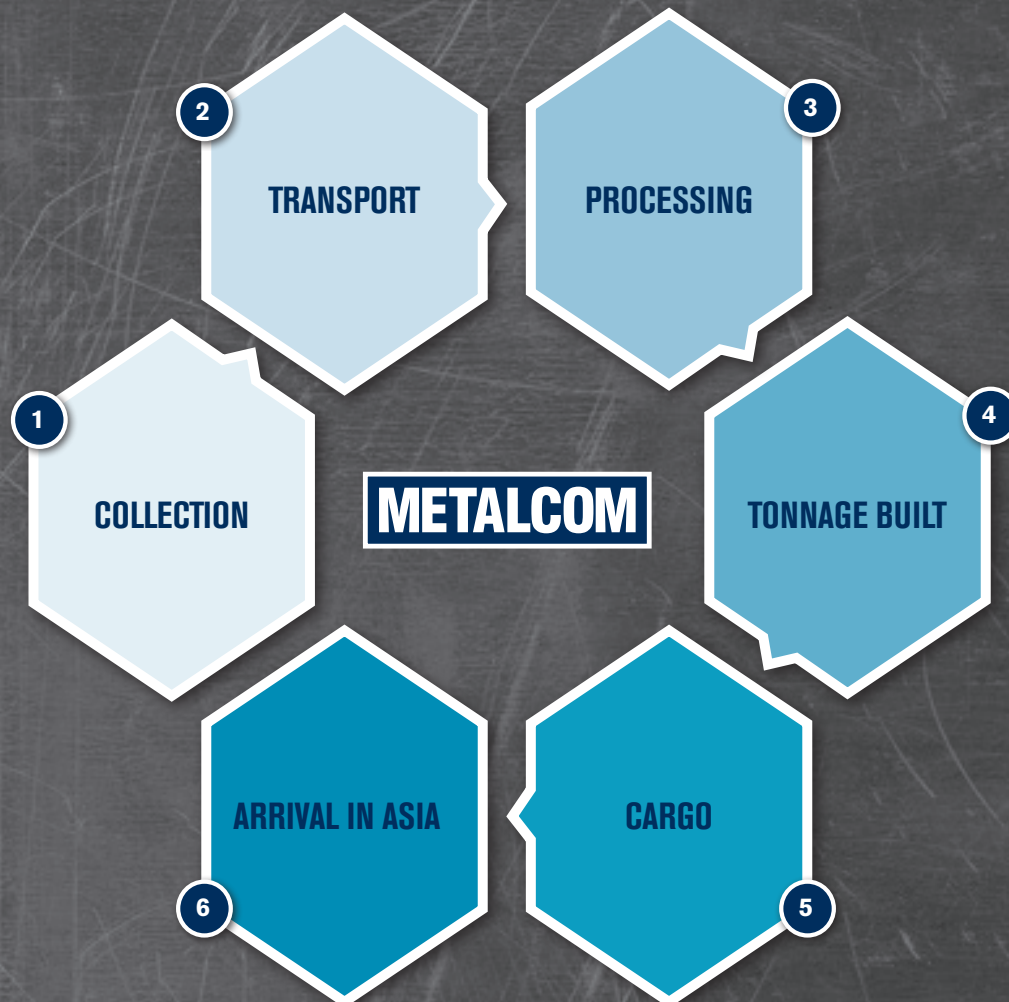
Highly skilled machine operators utilised the powerful demolition machinery to cut the structure into loadable pieces before transporting to Metalcom's scrap facility using hook lift bin truck. The project was completed over a three day period with over 100 tonnes of scrap steel recovered from the decommissioned Drill Derrick.



**95%**  
**OF THE TONNES**  
**WE HANDLE**  
**IS FERROUS SCRAP**



# THE PROCESS



## COLLECTION

Scrap is collected in bins or semi-trailers, with our machinery available to load and transport.

## TRANSPORT

Scrap is then transported back to our premises at the Gap Ridge Industrial Estate for weighing, grading and processing. All material is processed to ISRI international specifications.

## PROCESSING

Scrap is cut to size and graded heavy or light.

## TONNAGE BUILT

Once processed, we build tonnage suitable for bulk export shipment predominantly for Asia. Once a suitable tonnage is accumulated (7,000t) a sale is made based on current export price.

## CARGO

Loading the vessel consists of road trains with shipping bins, which are loaded and tipped directly into the hatch – 70 hour process.

## ARRIVAL IN ASIA

Once the vessel reaches the customer, the ship is unloaded and the scrap is melted in an arc furnace into billets. The billets are then further processed into desired products – typically reo bar makers.





**BIN COLLECTION POINTS**







# OUR COMMITMENTS

## WE DELIVER ON SAFETY, STRONG ENVIRONMENTAL MANAGEMENT AND PERFORMANCE.

### OCCUPATIONAL HEALTH & SAFETY

Health and safety is at the forefront of all our operations. The welfare of our employees, contractors, subcontractors, customers, consultants, visitors and the wider community is our first priority.

We stand by "good safety is good business". We strive to manage all of our operations with the highest safety standards, and our approach is based upon consultation, training and continual improvement.

Metalcom Occupational Health & Safety Management System complies with the requirements of AS/NZS 4801:2001 and the company maintains third party accreditation to this standard with Australia's premier JAS-ANZ recognised accreditation body, SAI Global.

Metalcom are one of the only scrap metal recycling based companies in Australia to receive accreditation from the Federal Safety Commission.

### ENVIRONMENTAL MANAGEMENT

Metalcom are committed to achieving the highest standards of environmental performance.

We acknowledge that our operations have the potential to impact on the environment. However, we believe through the determination and dedication of our people, combined with our proactive management approach, and established environmental policies and procedures, we are able to conduct our business with "zero harm" to the immediate and greater environment.

To support our continual commitment to the environment Metalcom maintain third party certification to AS/NZS ISO 14001:2004.

### QUALITY ASSURANCE

Metalcom's commitment to quality is proven through our third party accreditation to AS/NZS ISO 9001:2008. Under our accreditation half yearly external audits are undertaken, as well as regular internal audits, to ensure our system is maintained and in place across all operations and projects.

Our Quality Assurance System comprises of:

- Business Management System Manual
- Definitive procedures and policies
- Extensive and detailed Safe Work Instructions and Standard Forms, to ensure all works are undertaken as per statutory regulations and in a safe way
- Trained personnel
- Management Standards
- Project specific Health, Safety and Environmental Plans (HSEP)







# OUR CLIENTS

**WE BUILD SOLID RELATIONSHIPS WITH OUR  
CLIENTS THROUGH STRONG PROJECT  
DELIVERY, SERVICE AND SAFETY.**

**JACOBS**



**FLUOR**



**RioTinto**





A photograph of a large industrial building with a corrugated metal facade. The building has a large blue sign that reads 'METALCOM'. Below the sign, there is a list of services. In the foreground, there are two yellow pillars with signs that read 'STOP', 'Do Not Proceed', 'Call Control 27', 'For Instructions Please Proceed', and '5 kph On to Bridge'. The background shows a clear blue sky and some industrial equipment. The image is decorated with white geometric shapes like hexagons and circles, some of which are connected by lines, creating a network-like pattern. There are also blue and grey decorative panels in the top right corner.

**METALCOM**

- ▶ SCRAP METAL RECYCLING
- ▶ RAIL DISPOSAL MANAGEMENT
- ▶ WINE SITE CLEARANCE
- ▶ PLANT DISPOSAL & DEMOLITION

**A P P R O X**  
**3,000**  
**TONNES**  
**COLLECTED**  
**& PROCESSED**  
***EACH MONTH***



# KEY PERSONNEL

**WE HAVE THE MOST EXPERIENCED SCRAP METAL  
PERSONNEL IN THE PILBARA REGION.**

## **ADAM KEENAN** Metals Recycling Manager

Adam joined Metalcom in 2012 to manage scrap metal recycling operations, with over 20 years' experience in the industry. Adam began working as an Apprentice Electrician and soon became a Trading Representative maintaining day-to-day operations with scrap contracts. He then progressed into a General Management position and succeeded in moving 70,000 tonnes of material per annum with a turnover of \$50 million under his supervision. Adam has already undertaken projects with Metalcom, including both the Genesee & Wyoming and Pacific National projects of rolling stock and locomotive removal.





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