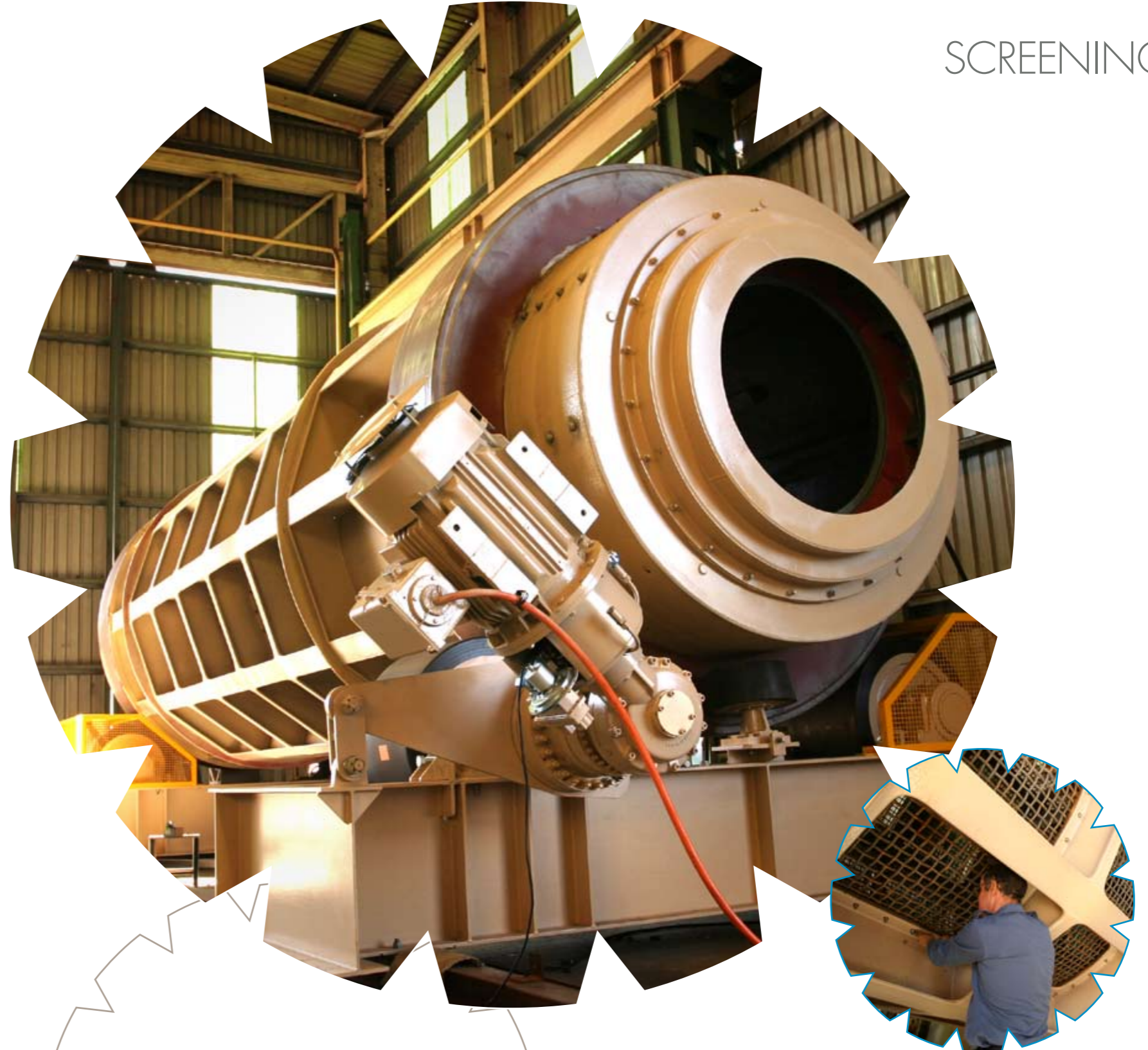


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SCREENING





## SCREENING

RCR has over 30 year history in design and manufacture of Rotary screening products to the mine process and recovery industry in Mineral Sands, Gold and Quarry Industry.

Throughout the development of RCR and with the acquisition of screening and crushing companies CGC Equipment and Australian Crushing Services, we have added a range of course screening products to our portfolio.

### OUR PRODUCTS

- Rotary Trommels
- Rotating Grizzlys
- Static and Tipping
- Vibrating Grizzlys & Screens

### ROTATING TROMMEL

RCR has a proven track record providing high capacity low maintenance trommels to major Minerals Sands miners, where the screening and material demands are extreme.

RCR utilises proven tire or trunnion drive systems and has adopted many maintenance friendly techniques to ensure our trommels provide maximum availability to the operation.

RCR has developed an efficient computer design model for throughput calculations and can customise for each material application.



### FEATURES & BENEFITS

- Innovative in-house design incorporating the latest in Finite Element Design
- Trunnion mounted or high capacity tyre mounted drive system
- Flexible drive options featuring variable speed electro-mechanical and hydraulic
- Polyurethane and woven wire screen options
- Innovative screen mounting options
- Polyurethane or rubber lining
- Inlet splash seals
- Removable feed chutes
- Woven wire, polyurethane (bolted or push-in/push-out), punched plate screens
- Rubber Lined Underflow hopper
- Integrated safety guards
- Flexible electromechanical VSD drive solutions incorporating world leaders in drive options
- Option Reject Conveyors

### ROTATING GRIZZLY

RCR has developed high capacity rotating course screening trommels, known as grizzlys.

These grizzlys have been designed using developed Finite Element Design and our Trommel technology to deal with rock strewn sand deposits and provide a slurry feed at the primary ore path.



### FEATURES & BENEFITS

- High Capacity Screens using dual plate and Q and T steels
- A highly developed support structure to handle the large impact loads
- Polyurethane Wear coatings
- Rubber Lined Feed and discharge sections
- Rock box style feed chute
- High capacity
- Trunnion drive system
- Shell jacking system
- World Leading Drive selections
- Optional Feed Scrubber Section

### MAINTENANCE

#### Innovative maintenance features...

- Castellated Rims for ease of maintenance
  - Indexed Drive Assemblies and Matched Shaft Assemblies
  - Long Life Thrust Wheels
  - Independent Shell Jacking and Lubrication Systems
- ...keep down time to a minimum



### STATIC & TIPPING GRIZZLY'S

With many of RCR's plant designs we have developed a range of custom Static and Tipping Grizzly's. Our ability to integrate these into the front end of hoppers and transfer points, provides the ultimate protection for your plant.

Many of our Grizzly's have full remote control functionality allowing operator control from the loader or transporter.

### FEATURES & BENEFITS

- Work Hardening Manganese Diving Wear tops
- Q and T steel wear parts
- Heavy Duty long travel telescoping rams
- Innovative Wear and spillage prevention
- High Reliability Hydraulics Power Packs

### VIBRATING GRIZZLYS & SCREENS

As part of the development of mobile plants and the integration of CGC Equipment into our product range, RCR has a variety of custom Vibrating Grizzly and Screens, which particularly suit the mobile and demountable product range.

RCR Screening products involve our entire resource base including Design, Fabrication, Machining, Hydraulics, Fitting, Heat Treatment, Rubber Lining and Construction, following the "Integrated Engineering Solutions" theme.

### SERVICE & SUPPORT

As part of our commitment to our product, RCR provides;

- Full product support from our work bases throughout Australia
- International support through our supplier network
- Provide installation by way of our Construction and Maintenance division
- Detailed Installation, Operations and Maintenance Manuals
- Comprehensive spare parts support.
- Standardised components, allow for optimum spares holdings and replacement efficiency.

### FURTHER INFORMATION

For further information on RCR's Screening equipment, please contact one of the RCR Engineering Offices listed below or alternatively visit our website.

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