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JM Drafting is a young and dynamic drafting company, located in the South West of Western Australia.

The company provides drafting support to a strong Engineering/Mining presence in the region. This support involves the following;

- Design Drafting
- Structural Detailing
- Concept and Design Modelling
- Mechanical Equipment
- Mine Plant design and draft
- Process
- Piping
- Site measuring
- Workshop processing

JM Drafting utilises Inventor and Inventor Professional to meet our design and drafting requirements.

mobile mining plant

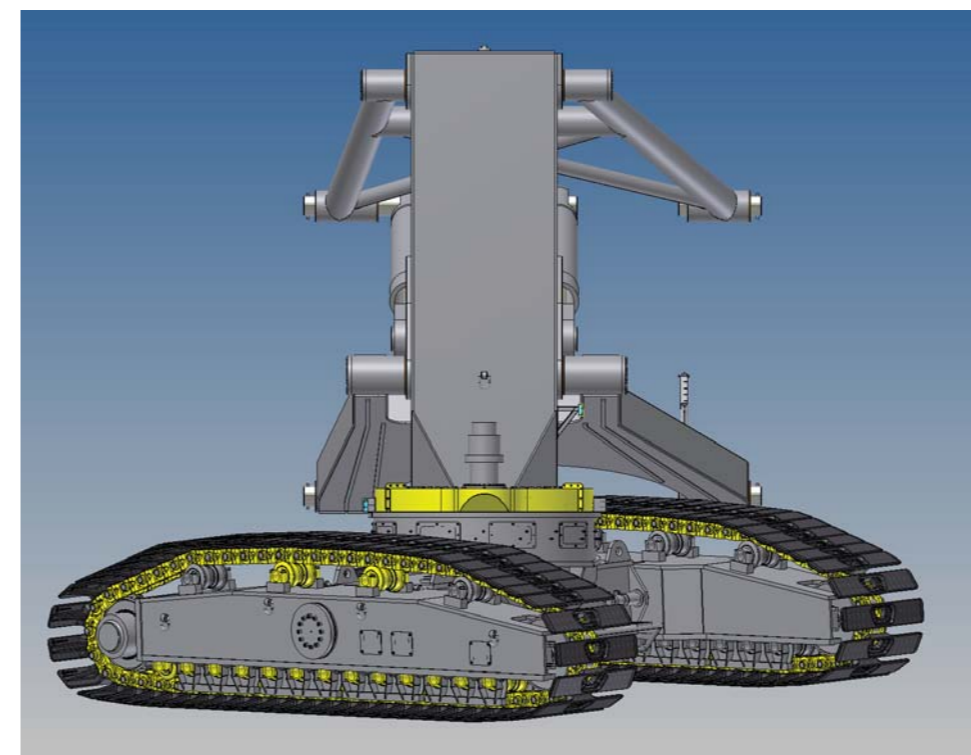
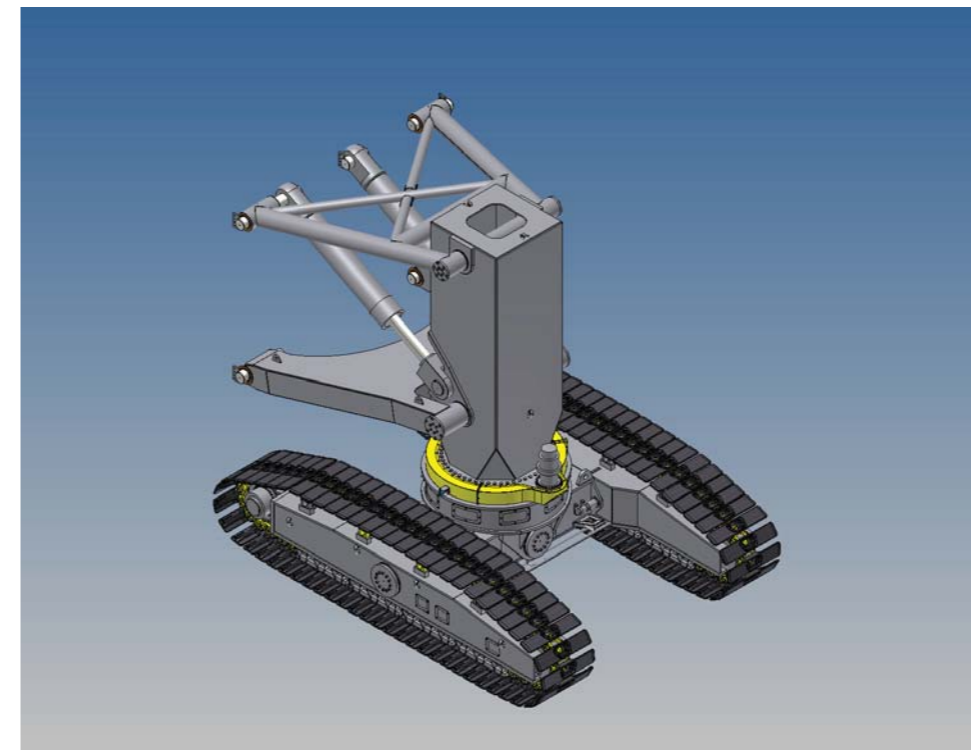
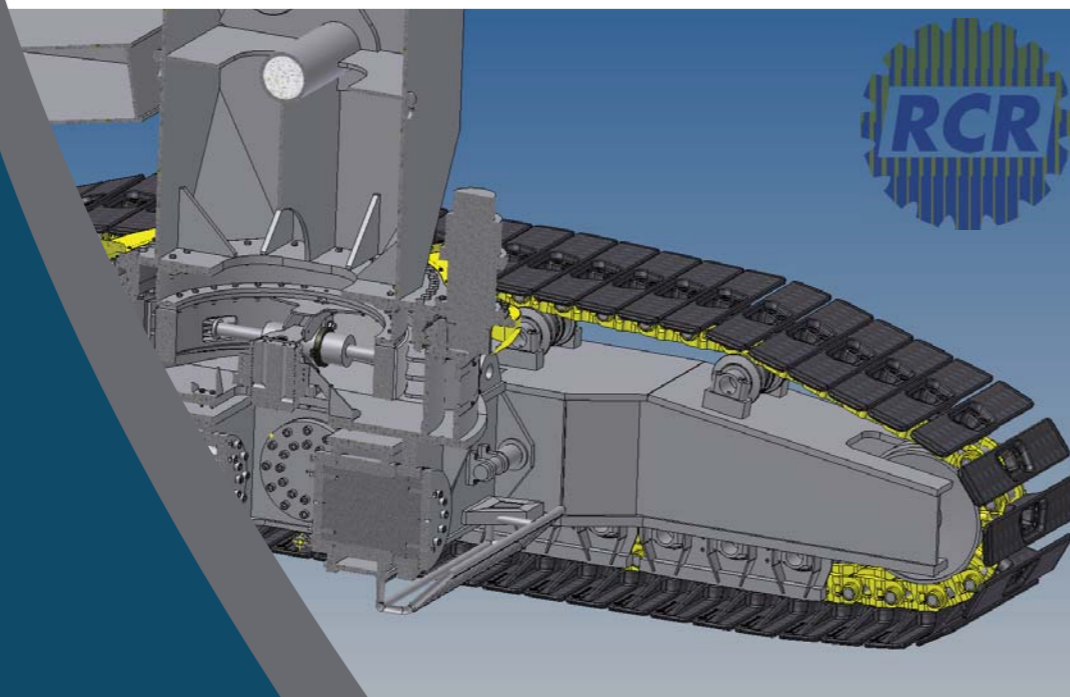
rcr mining

The Mobile Mining Unit Plant was designed and drafted by RCR Mining, Bunbury Engineering Division.

RCR Tomlinson Bunbury design and build a broad array of Mining Equipment Solutions. RCR has extensive experience in the design and project management of materials handling, crushing and screening plants and associated equipment. RCR equipment can be found at many major minesites across Australia and around the world.

Our approach – known as ‘Integrated Engineering Solutions’ has been developed by engineers with extensive practical experience in both design and operation.

This discipline assures practical and affordable solutions, with low maintenance requirements.



JM Drafting, as a drafting resource, assisted RCR Mining to design and draft a Car Body arrangement. This Car Body (x4) was designed to elevate a mobile front end mining unit, for the mineral sands industry, which weighs approximately 1000 Tonnes.

RCR completed all Engineering design, with JMD assisting in layout concept, through to full shop detailing.

The design involved mechanical componentry, hydraulics, electrical systems, machined and fabricated items. The unit is able to lift, swivel and pivot to allow for uneven ground, and 2 Car Bodies contain slewing components to allow for steering of the mining unit.

Each Car Body unit weighs approximately 80 Tonnes.

The design process was seamless through the use of Inventor, which was the ideal tool to bring the Car Body design to fruition.

