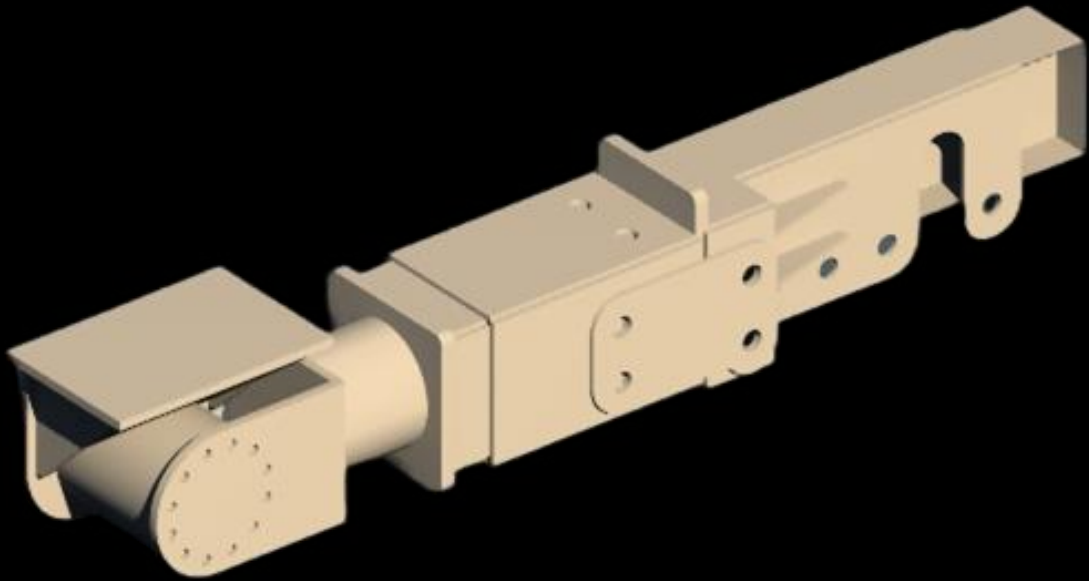


Jan 22



Hydraulic Rotating Head

Hydraulic Head for Boom connection



Robust By Design

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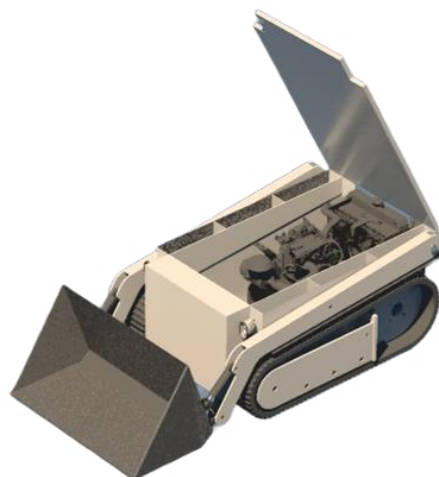
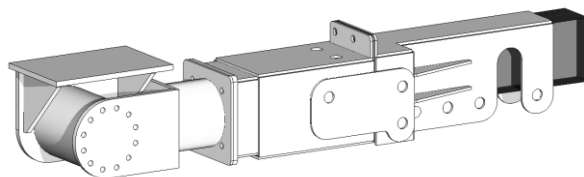
About us

Robust By Design is a proudly owned and run Western Australian family business that prides itself on safe and innovative design and construction.

We believe that the time taken in the design phase ensures our products not only meet customer expectation but exceed it.

We have a in house design and engineering service complemented by our expertise in fabrication and product development that delivers best in class products for the mining and industrial industry throughout Australia.

Safe. Reliable. Innovative.





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Construction

Our heads are custom built to suit your needs. We can modify and adapt the existing designs to suit your requirement and the specifics of your equipment



Each part is made to order as we strive to reduce weight and give more flexibility to meet the requirement of your use case.

We use locally sourced parts where possible while producing all custom made components in-house with our experienced fabrication team.

We have a mobile design team that can visit your site to measure up and handover a completed ready to use unit or we can design from provided measurements to meet tight time frame jobs.



The compact nature of our design allows multilateral rotation, while minimizing weight and additional length to your booms, keeping your equipment both compliant and easy to maneuver during use. Its use cases include:

- Concrete spraying
- NDD – Hydro Demolition
- Abrasive blasting and cutting
- Liquid Transfer

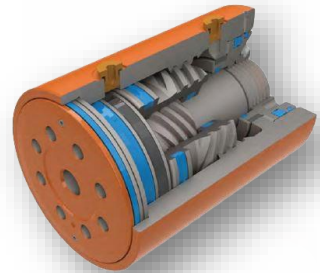
We can tailor to suit whatever your needs are



Components

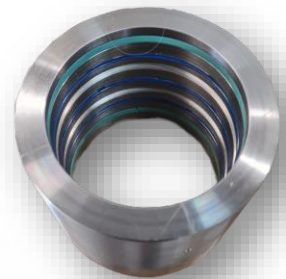
Rotary actuated flange

- Lightweight and compact
- High holding torque for demanding applications
- 180 or 360 degree motion as requested



Custom Hydraulic Swivel

- Custom design swivel mount for 360 degree operation
- Internal hydraulic routing system to ensure no hydraulic line entanglement
- Compact and robust to suit the toughest applications



Structural Sections

- Structural grade steel used throughout
- Easy to handle lightweight sections to ensure operator can manually disassemble if required
- Fully certified to applicable Australian Standards
- 2 Pac Coated to customer required spec



Mechanical Stop

- Custom built mechanical stop optional designed at customer specified angles



Additional Features

- Hinge assembly available upon request to allow head to rotate inwards for transport
- Parker Hub motor hydraulic drive
- Fully customizable to suit any boom tip