

of machinery has to be built tough to

Already recognised as the most reliable tal Rockbreaking Solutions' BoomSafe® has been proven over many years and many in- a single workstation from anywhere in the stallations to be strong, reliable and durable in these difficult conditions.

cally for hydraulic boom systems to provide safe and reliable remote operation and incorporates automated movements and advanced collision prevention to improve the site-based maintenance staff using the us-

As its name suggests, BoomSafe® is de- a safe work area where the signed to not only help miners improve their boom is allowed to operate. productivity, but this state-of-the-art boom automation and control system also helps All commands from either and cost-effective boom automation and to ensure workers go home safe every day. remote operation system on the market, To- With simple remote operation connectivity, multiple rockbreakers can be operated from

TRS BoomSafe® has been developed specifi- With easy set-up and configuration tools, BoomSafe® will also help reduce downtime. High speed automated movement sequences can be configured and optimised by

world through the plant network - without

any operator being exposed danger.

the local radio control or remote operation station are supervised by BoomSafe® to avoid damage to the boom and surrounding infrastructure, preventing all movements which would result in the boom moving outside the designated safe work area.

Additionally, BoomSafe's® unique 'Operator Assist' function automatically corrects and adjusts the human operator-initiated movements to direct the boom back into the safe

from a single workstation – a truly multi-operation solution.

Remote operators can execute automated movements (such as 'Park', 'Deploy', 'Tool Replacement Position', 'Hammer Change Position') with a single button press, improving speed and precision.

For example, when parking on a small platform, BoomSafe® reduces the chance of equipment damage that could easily be caused by operator fatigue or error.

Customise onsite

Site maintenance staff can set up and mod-

ify BoomSafe® movement sequences and adjust the allowed area of operation when needed using the menu-driven configuration system.

BoomSafe® can also be integrated with other sensor systems on site, such as perimeter safety gates, traffic lights or truck detection systems. It also has configurable inputs that can be set up to operate and integrate other plant or equipment, for example, opening and closing a crusher

Simple maintenance If maintenance is required, all BoomSafe® components can be replaced in minutes using only hand tools on site without spe-

> cialist technicians. Sensors are mounted independently to the boom hydraulic components and are easily accessible. With TRS BoomSafe®, users can set the direction, acceleration, maximum speed, and minimum creep speed for each joint of the

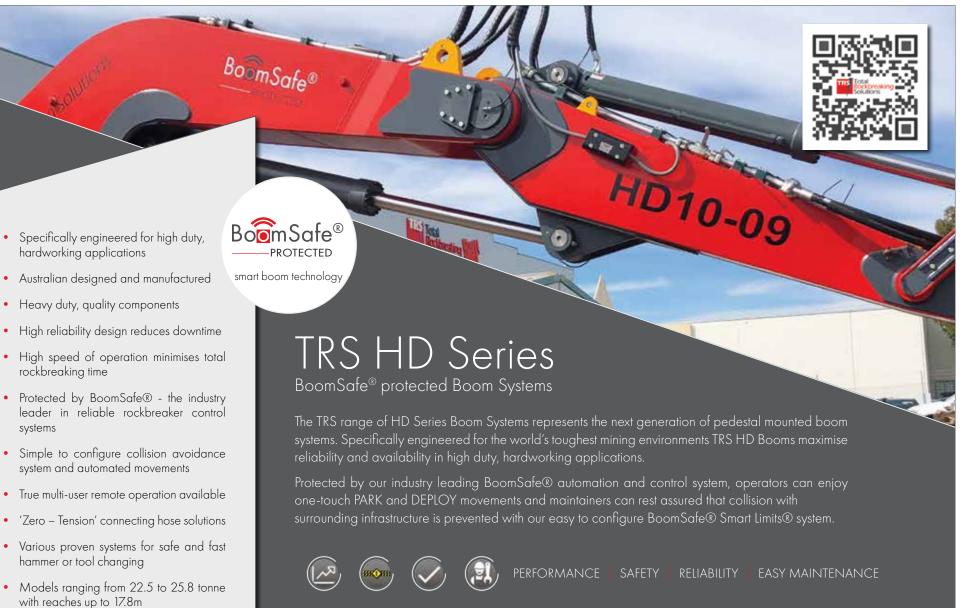
mance, improves ease of operation for local and remote operators and reduces unnecessary wear and tear on mechanical compo-

About Total Rockbreaking Solutions

Total Rockbreaking Solutions (TRS) is a wholly Western Australian owned company, focused entirely on the design, sales and service of hard rock mining boom systems, hydraulic power units and a large range of specialist hydraulic attachments for the minhydraulic boom independently. This level of ing, construction and recycling industries. control enhances the boom system's perfor-

TRS' highly experienced in-house engineering and project management team specialise in the mechanical and hydraulic design of Australian made, heavy duty pedestal mounted boom systems complete with high specification hydraulic power units ideal for large scale mining operations. AMR

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