

RECOVERY TRAILER

CASE STUDY

THE PROBLEM

A leading global mining giant came to us to solve a seemingly simple problem: **create an innovative solution during heavy-duty equipment recovery on-site, improving safety and reducing downtime.**

SAFETY

Currently, it takes significant manual labour to handle heavy-duty ropes, shackles etc. used for recovery. This is exacerbated when the ropes are wet and muddy or even damaged, due to inappropriate storage.

There is also the risk of crush points and slip hazards while recovering equipment.

Night-time recovery can be even more dangerous because of poor visibility.

DOWNTIME

The current process is far from being optimised, with time wasted locating and assembling all recovery tooling. Not only that, when the equipment is finally located, it may not be fit for purpose.

This results in lost time during mobilisation, operation and de-mobilisation.

FINANCIAL INEFFICIENCY

These problems combined lead to more costs and less efficiency. Equipment not being recovered effectively and timely lead to production downtime and the high risk of personnel incidents was a potential cost.

Additional costs were made to purchase new recovery equipment due to lack of proper storage.

THE SOLUTION

Working with our client, OEM Group designed and developed an innovative solution - the **OEM Group Heavy Equipment Recovery Trailer**.

✓ SAFETY

The effectiveness of the recovery trailer reduced manual handling to a minimum during recovery, and significantly improved the ergonomics of the whole operation. The toolings minimal exposure to harsh climate and increased visibility for night-time recovery with solar charged LED lighting reduced consequential risks to workers.

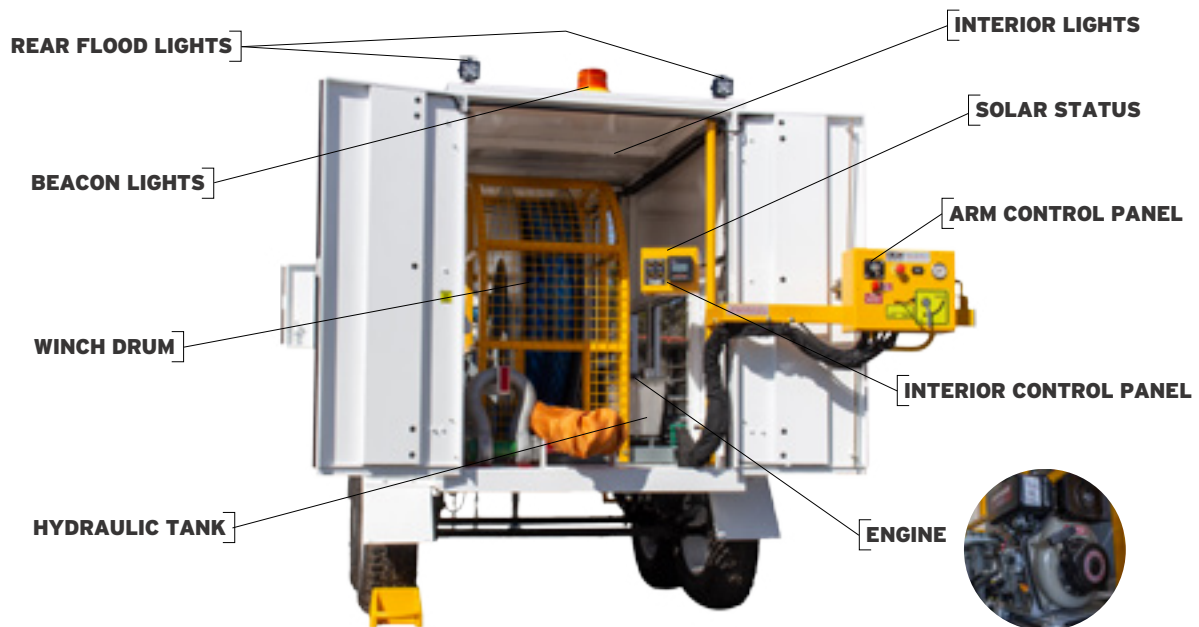
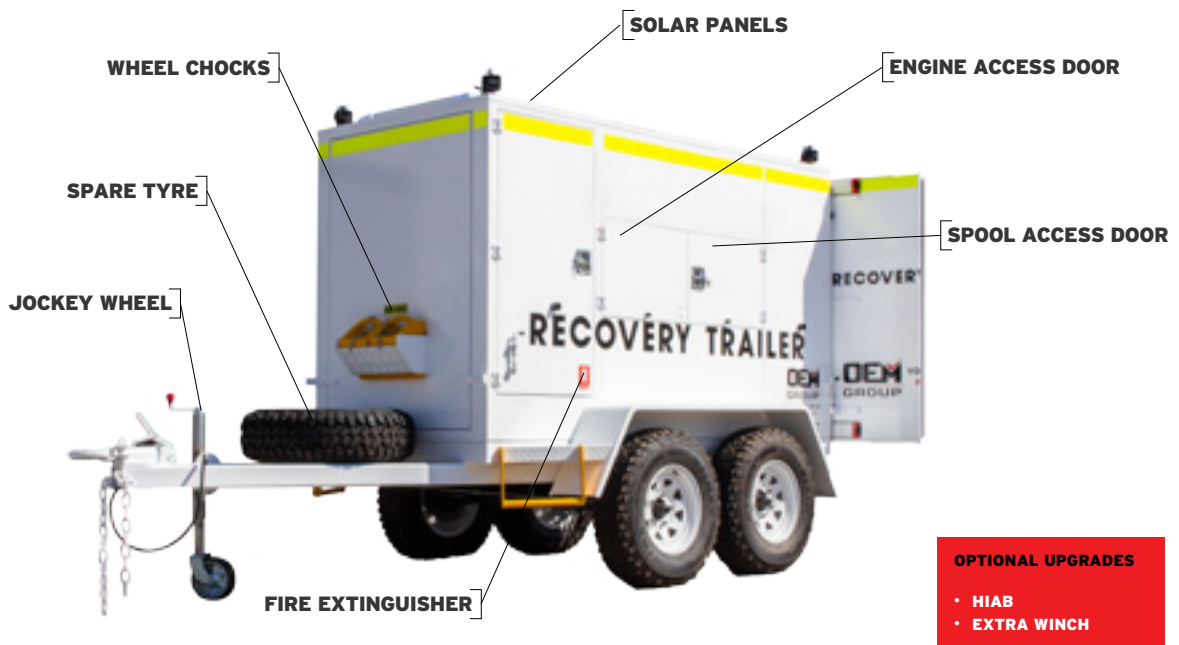
✓ PRODUCTIVITY

Proper storage of recovery equipment meant a reduced risk of equipment being damaged, deteriorated and not fit-for-use. As it was in an enclosed unit, there is now no time lost to locate recovery tooling. Additionally, the set up has improved significantly (less manual handling, etc).

✓ COST EFFICIENCY

Reduced production downtime and no longer needing to purchase replacement tooling, lead to a sharp increase in cost efficiency.





CLIENT FEEDBACK AND TESTIMONIAL

"In collaboration with our team on site, OEM Group have turned what was simply an idea, into an innovative, tangible product. The HME Recovery Trailer has significantly reduced the manual handling risks associated with recovering bogged heavy mobile equipment (HME). It has streamlined the recovery process, subsequently reducing our truck downtime incurred; and it looks great. The extensive solar powered lighting means the task can now also be completed safely on night shift without the requirement for mobile lighting towers.

The HME Recovery Trailer has been purpose built for extreme conditions and is also designed to protect our recovery equipment from the elements, ensuring the integrity of the recovery equipment is maintained much longer than with previous methods.

OEM Group have done a sensational job with this custom design project, and the HME Recovery Trailer has proved so successful that we are seeking capital for a second trailer for the other pit on site."

R. L.
Mine Production Supervisor

January 2021



YOUR PARTNER IN
PRODUCTIVITY

Version 1 - 24/02/2021

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