

## Standard Frames Eliminate Delays, Reduce Labour & Rework Costs

Alternative to In-House Frame Builds

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### CHALLENGE

Mining vendors for large operations can't afford to slow down. So, when a long-term client reached out to DAYWALK looking for an alternative to the lengthy and challenging process of inhouse frame builds, we focused on providing a solution that eliminated delays and enabled productivity.



### INEFFICIENCIES WITH CUSTOM ENGINEERING

For mobile plant operations, critical parts need to be moved and stored daily. From cylinders to final drives and motors, there are a multitude of parts in various sizes that require transport to keep heavy machinery in operation. While some mining vendors choose to engineer and manufacture their own frames inhouse, this can lead to a range of inefficiencies, including:

- Engineering teams tied up with developing transport frames
- Time spent on transport frames (low return) instead of repairs (high return)
- Manufacturing process hold-ups
- Specific designs for certain parts
- CoR compliance queries and issues
- Wait times on components as frames are developed
- Clients waiting for parts, resulting in downtime on mining projects



*Cylindrical components kept on wooden pallets were difficult to transport, with timber pallets requiring regular replacement.*



*Components kept in timber boxes, were both lacking suitable protection and awkward to retrieve.*



*These high-value components required suitable frames and rust protection for the humid climate.*

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### IN-STOCK COMPONENT FRAME SOLUTION

DAYWALK saw the opportunity to streamline operations for the OEM by ensuring that components were protected and ready for use with certified frames and effective preservation. These pre-engineered systems can be adjusted to fit a variety of component sizes, allowing OEMs to re-use the frames for years to come. The solution included Cylinder Frames and Final Drive Frames, complete with accessories to ensure safe transit, such as rubber matting and accessories.

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### Features of the cylinder and final drive frames include:

- Pre-engineered – as the frames are already standard at DAYWALK, they are available with a short lead time
- Fast dispatch – these standard frames can save weeks of downtime when compared with the fabrication of frames inhouse by OEMs
- Adjustability – as they are component-specific, the cylinder and final drive frames can be adjusted to suit these components in various sizes, providing optimum protection for these component types
- Certified – the transport certification of the frames is a given, but provides an instant advantage to inhouse engineering

### MOBILE VENDORS OFTEN CHOOSE COMPONENT TRANSPORT FRAMES INCLUDING:

- D11 Final Drive Frames – a purpose-built certified frame with a WLL of 2 tonne, for use with adjustable legs and anti-slip rubber
- 3T Front Strut Cylinder Frames – adjustable transport suspension frame with a WLL of 3 tonne, suitable for a range of front suspension cylinders
- Medium Spartan Cylinder Frames – Spartan duty option for cost-effective cylinder storage and transport, up to 800kg



### COST COMPARISON: INHOUSE BUILDS VS DAYWALK STANDARD FRAMES

When comparing the costs involved with inhouse engineering compared with the value of DAYWALK standard frames, it became apparent to our client that these standard, in-stock frames were a more cost-effective option. Pre-engineered and certified, the DAYWALK frames for cylindrical components of this size saved up to 50% compared with the inhouse building of frames.

Large mining vendors may require dozens — or even hundreds — of frames for component transport. So, when you look at the 50% saving on individual frames, multiplied by the number of frames required, the cost savings can quickly escalate.

### CONTACT US

*This in-stock solution offers a rapid remedy to component storage and transport. While the obvious benefit was that these frames were available immediately, the cost comparison with inhouse builds or the recertification of old frames is what sets the DAYWALK frames apart. Explore our Mobile Plant Frames online or call 1300 662 987 to speak with our team today.*

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