

Off Highway Truck Support Stand Dollies

Hastings Deering (Australia) Limited

The Problem or Initiative

Support Stands are used in the Hastings Deering workshop to support large truck chassis in order to allow required repairs to be carried out.

The support stand adaptor/dolly supplied by the original equipment manufacturer posed a high risk of the machine falling or slipping off the support stand.

A risk assessment found that there was significant stored energy being supported by the stands and the standard type of dolly. It was determined that minimal force would be required to dislodge or move the machine, potentially causing a catastrophic event.



Figure 1 — Conventional method used for off highway trucks.

The Solution

A solution was needed to create a safer working environment by either eliminating the stored energy or significantly reducing the likelihood of the machine falling off the stand. The Support Stand Dollies designed by Hastings Deering personnel based in Mackay and the Engineering Services team significantly reduced the likelihood of this event occurring.



Figure 2 — The Support Stand Dolly.