



Revolutionising Custom Engineering



Roll-Over STAND

The P&C Value Add Roll-Over stand was designed to revolutionise the process of engine manufacture and repair. Engines mounted on the stand may be rotated at certain angles to allow for easy access on repairs and part replacements. The stand is able to safely handle engines of up to 13 tonnes.

Features

FEATURE
Feature Standard Premium Variable speed drive
Manual Push Buttons and switches
Low Siren
Mobile control desk
Card access
Local Commissioning
On-Site Commissioning

Variable Speed Drives provide the advantage of a soft start as well as control over the electric motor.

Operator Control Features such as finger print access, sirens and time outs.

Safety

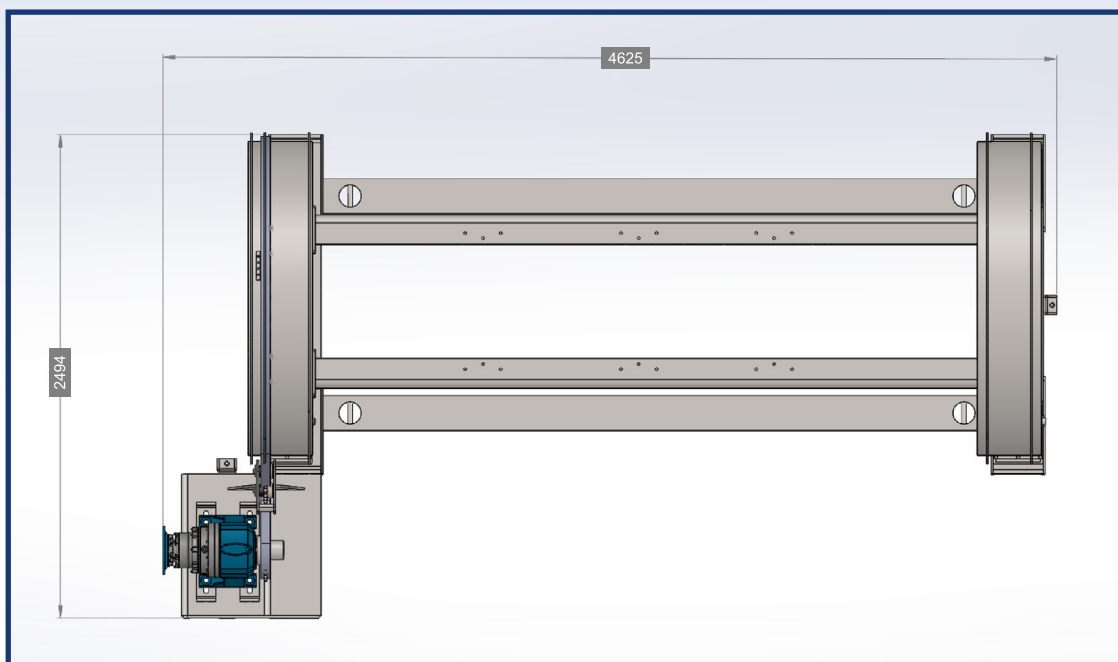
- The low siren sounds for 5 seconds before any movement commences.
- Slow moving speed of about one rpm.

Movements

- One option is for the stand to rotate 90 degrees in one direction and then 90 and 180 degrees in the other.

Specifications

- The drive system is a 2.2kW 400V electric motor, driving a gearbox and then ultimately the sprocket.
- A spring applied safety brake which is electronically released to ensure that the ROS remains static when electrical failure occurs as well.
- Vesconite bushes are used instead of bearings to make the rotating parts maintenance free and to allow for better handling of heavy loads.
- A fixed tensioning system was implemented to remove the possibility of the sprocket slipping.
- The gearbox and mounting wheels can be adjusted to improve functionality.
- The control desk used to command the unit can be moved up to 5m from the stand itself. This allows the user to operate the stand from a safe distance as well as to have the desk at a location convenient to the operator.

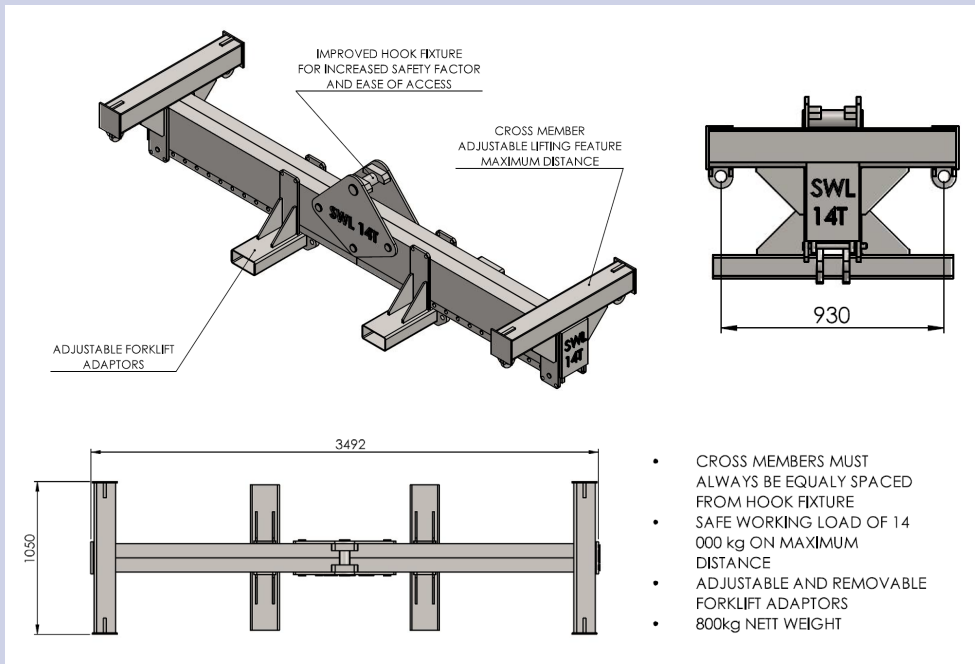


Manual Crank Diesel Engine STAND



- Rotating even a 6,000 pounds diesel engine is easy
- 96 to 1 ratio worm and gear set rotates components a full 360 degrees
- Integral 12-ton jack raises the work to provide the swing radius needed for clearance
- Two front wheels and two rear casters provide mobility
- Universal adapter assembly permits use with a wide variety diesel engines as well as Allison transmissions

Spreader Beam



The adjustable spreader beam is able to withstand loads of up to 14 metric tonnes and can be customised for each client's exact requirements.

Each beam is load tested with a dynamic load factor of 0.25%.

The spreader beam is fitted with removable forklift adaptors to improve mobility.

Safety Mats



Protect your people, productivity and environment with integrated Safety Solutions from P and C Mining Services. We understand your factory floor challenges and can help you meet your goals.

Safety Mats are pressure-sensitive safeguarding products to detect the presence of people on the sensing surfaces. These mats have two conductive hardened steel plates that are held apart by non-conductive compressible separators.

We offer standard configurable and custom mats, each with edge trim options.



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