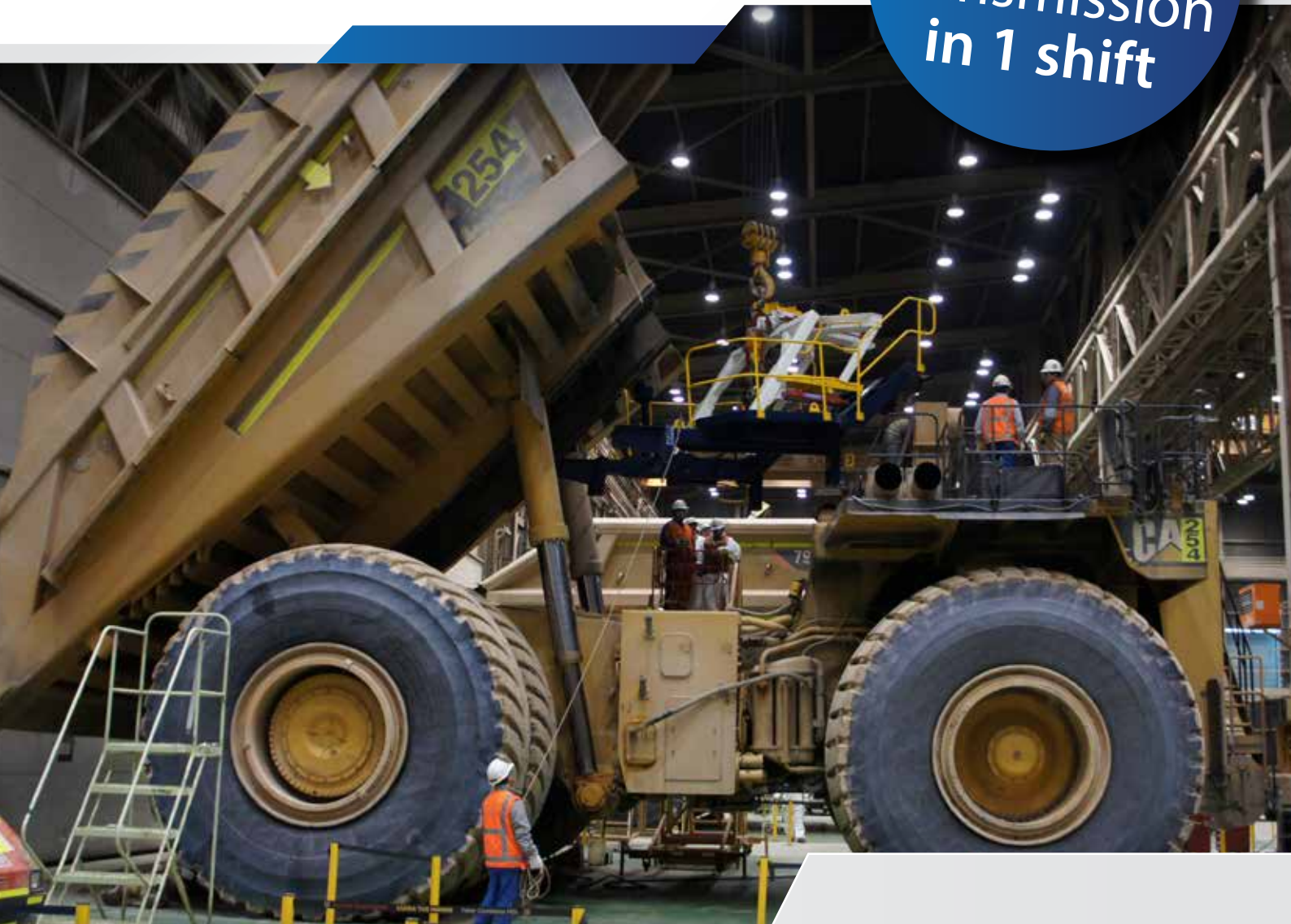


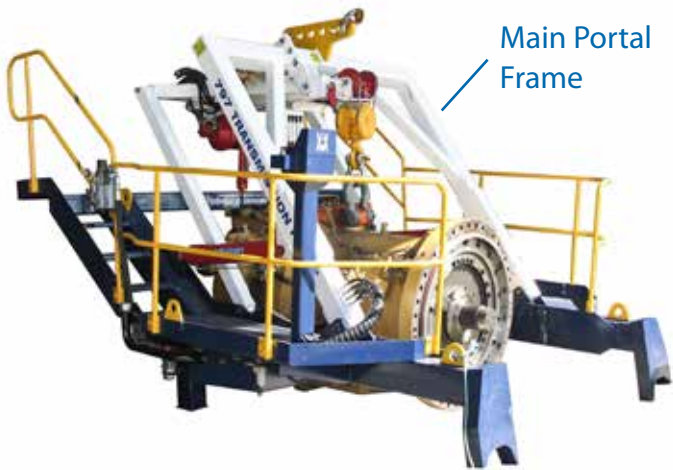
CAT 797 Transmission Hoist

The Cat 797 Transmission Hoist is a specialised Trilift[®] hoist designed to assist with the removal and installation of Cat 797 transmissions without removing the truck body.

Safely
change out a
Transmission
in 1 shift



A valuable asset to improve safety and efficiency in all mining and earthmoving workshops

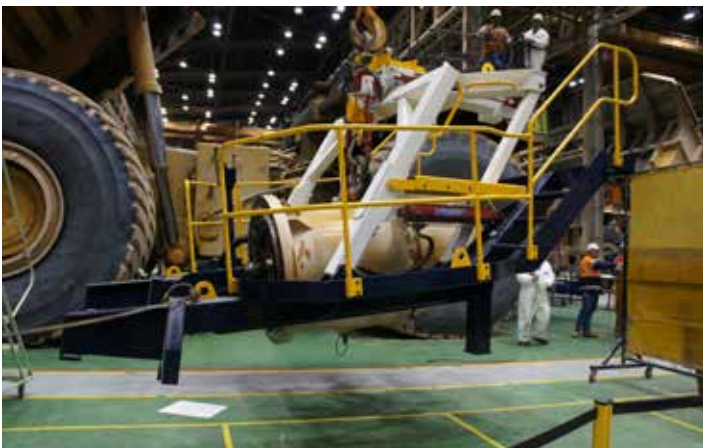


Main Portal Frame

Features

- The Trilift® Cat 797 Transmission Hoist is available in 2 models:
 - Diesel (*Part No. TL12004*) is powered by a self-contained Tier IV pollution rated diesel motor powering the hydraulic pump.
 - Pneumatic/hydraulic (*Part No. TL12003*).
- Supplied with:
 - Transport Frame (*Part No. TL12090*).
 - Hydraulic winch with limit valve and brake.
 - Emergency stop.
 - A stairs and safety rails to allow safe access for personnel from the deck of the truck.
 - Counter-balance valves fitted to all hydraulic cylinders.

The main portal frame of the Cat 797 Transmission Hoist extends (toward the rear of the truck) to allow connection of the winch to the **Cat Transmission Removal Tool and Installation Bracket Assembly** (see page 4 for details). When the transmission has been removed and winched up into the main portal frame it is then retracted (toward the front of the truck) to allow the hoist, complete with the transmission to be lifted off the chassis and placed onto the workshop floor using the overhead crane.



Functions

- Hoist hydraulic functions:
 - Winch raise/ lower
 - Jib extend/ retract
 - Left tilt/ rotation
 - Right tilt/ rotation

Convenient Transport Frame

The Trilift® Cat 797 Transmission Hoist comes with a convenient Trilift® Cat 797 Transmission Hoist Transport Frame (*Part No. TL12090*) which allows the Trilift® Cat 797 Transmission Hoist to be moved safely, with a forklift, outside the workshop environment.

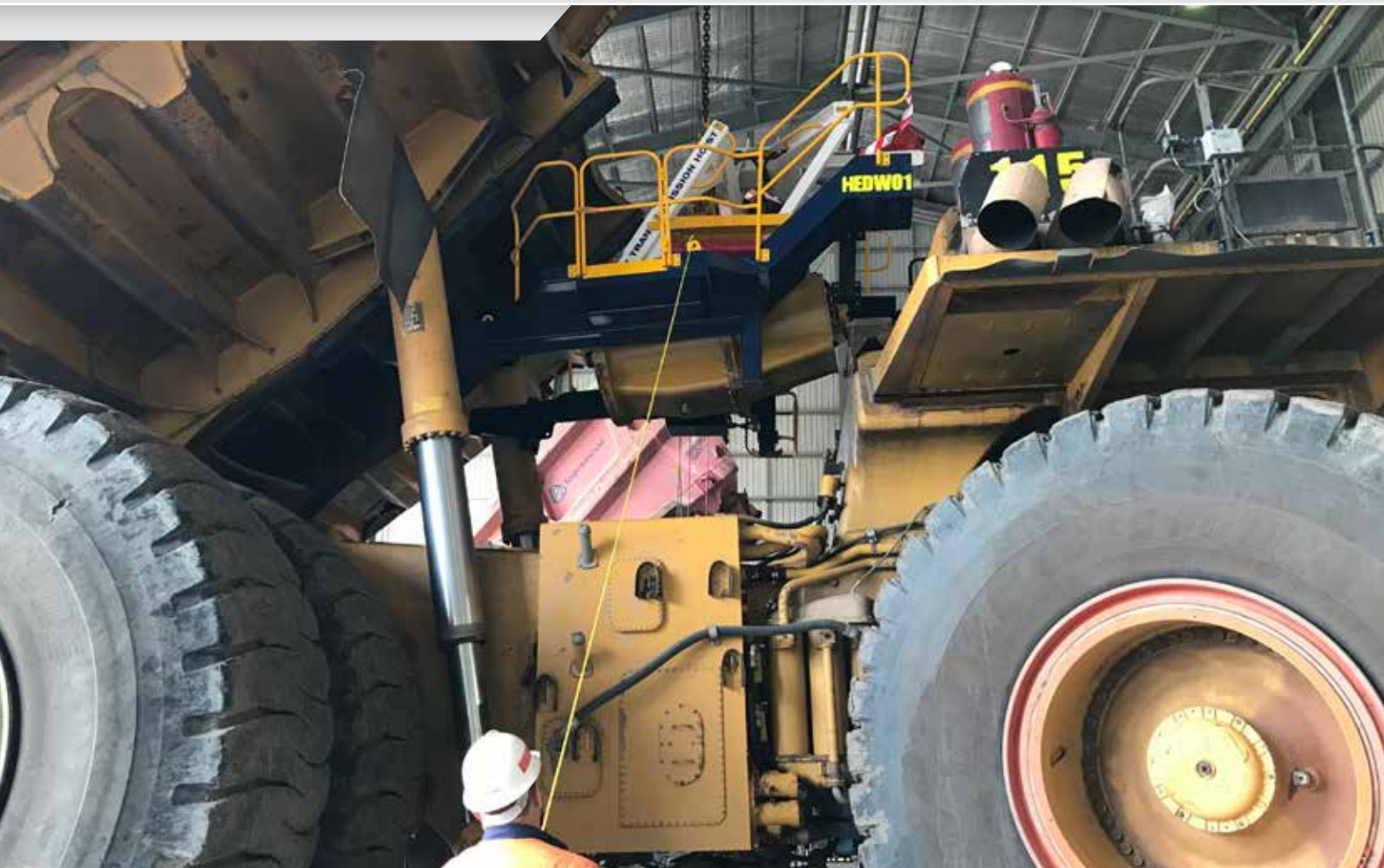
The Trilift® Cat 797 Transmission Hoist Transport Frame can also be used to transport the Trilift® Cat 797 Transmission Hoist in two (2) halves, fitting neatly into a 20 foot container, for transport by road or sea.



Precise control

Hedweld have developed the Cat 797 Transmission Hoist to give the operator precise control and accurate movement. The user-friendly controls have proportional control of the hydraulic valves providing the operator with true feel and millimetre perfect accuracy. By using the controls, located on the platform, the operator has improved visibility and is removed from the danger zone.





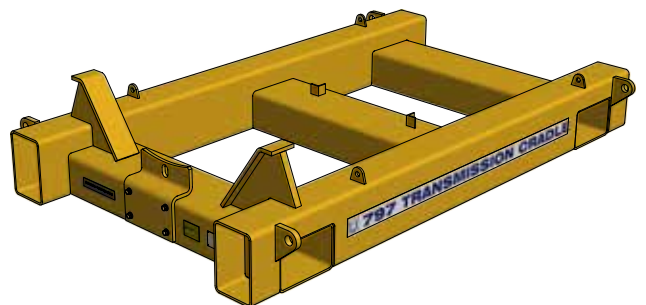
Safety Benefits and Cost Savings

- Provides a safer working environment for all maintenance staff to assist mine maintenance workshops achieve zero harm.
- Allows all bays in the workshop to be utilised to maximise workshop efficiencies.
- Reduces the number of personnel required to perform maintenance tasks freeing up labour for other duties.
- With the introduction of the Cat 797 Transmission Hoist, the maintenance time of your equipment will be decreased. This means that your equipment will be spending less time in the workshop and more time moving overburden and mineral.
- Eliminates the need for dump body removal.
- No mobile cranes required during removal/installation.

Optional:

TRANSMISSION CRADLE (Part No. TL12108)

The Trilift® Cat 797 Transmission Hoist Cradle allows Cat 797 transmissions to be stored while not in use or transported to and from the Cat 797 Transmission Hoist during the change out process.



At Hedweld we have a vision that all workshop bays are being used efficiently, utilising specialised tooling that is purpose built for component handling, with the ultimate outcomes of:

minimising workplace injuries and maximising availability.

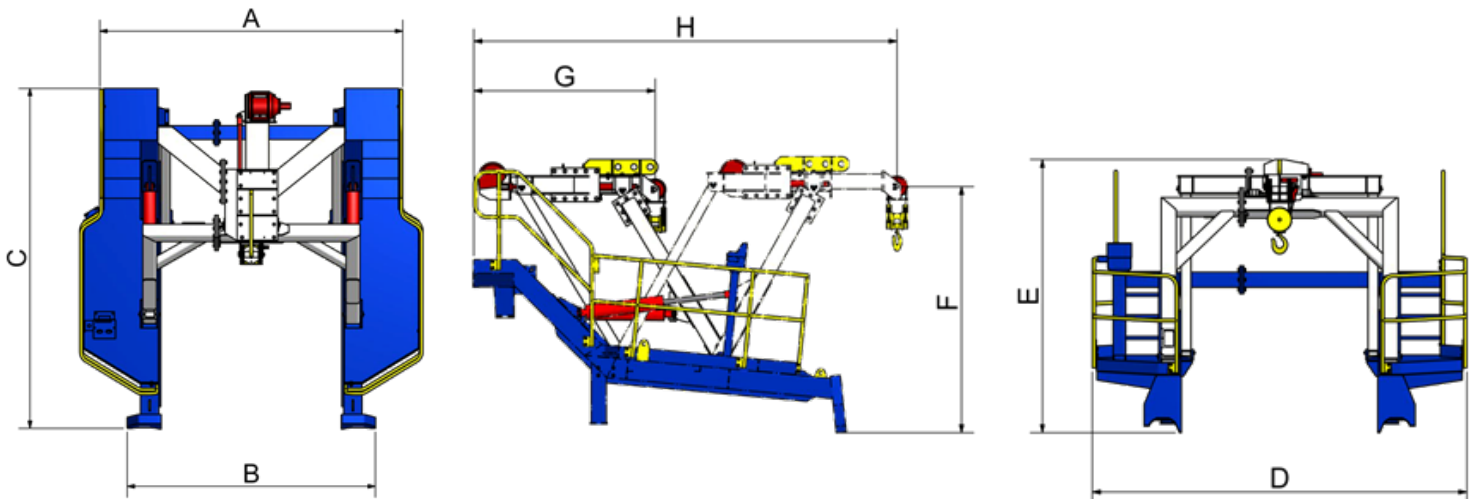
Specifications

The Trilift® Cat 797 Transmission Hoist is compliant with the following standards:

- AS 3990-1993 Mechanical equipment-steelwork.
- AS/NZS 1554.1:2011 Structural Steel Welding.
- AS 1418.1:2002 Cranes, hoists and winches.
- AS/NZS 1163:2009 Structural steel hollow sections.
- AS/NZS 1594:2002 Hot-rolled steel flat products.
- AS/NZS 3678:2011 Structural steel.
- AS/NZS 3679.1:2010 Hot-rolled bars and sections.
- AS/NZS 1252:1996 High strength steel bolts with associated nuts and washers for structural engineering.

Trilift® Cat 797 Transmission Bracket

The Trilift® Cat 797 Transmission Hoist is designed to work in conjunction with a Transmission Bracket (shown below) - WLL rated to 8T. This is included with new orders or can be purchased separately (*Part No. TL12007*).



Key Dimensions

A	Rear width	3280mm	129in
B	Front width	3688mm	145in
C	Overall length	3695mm	145in
D	Overall width	3716mm	146in
E	Overall height	2725mm	107in
F	Winch height	2454mm	97in
G	Portal retracted	1800mm	71in
H	Portal extended	4200mm	165in

Key Operating Data

Working Load Limit	8000 kg	17600lbs
Tare weight (Pneumatic)	2800 kg	6173lbs
Tare weight (Diesel)	3200 kg	7055lbs
Winch Capacity	2500 kg	5500lbs
Hydraulic Relief Pressure	165 bar	2393psi
Transmission Cradle (Optional)	630 kg	1390lbs