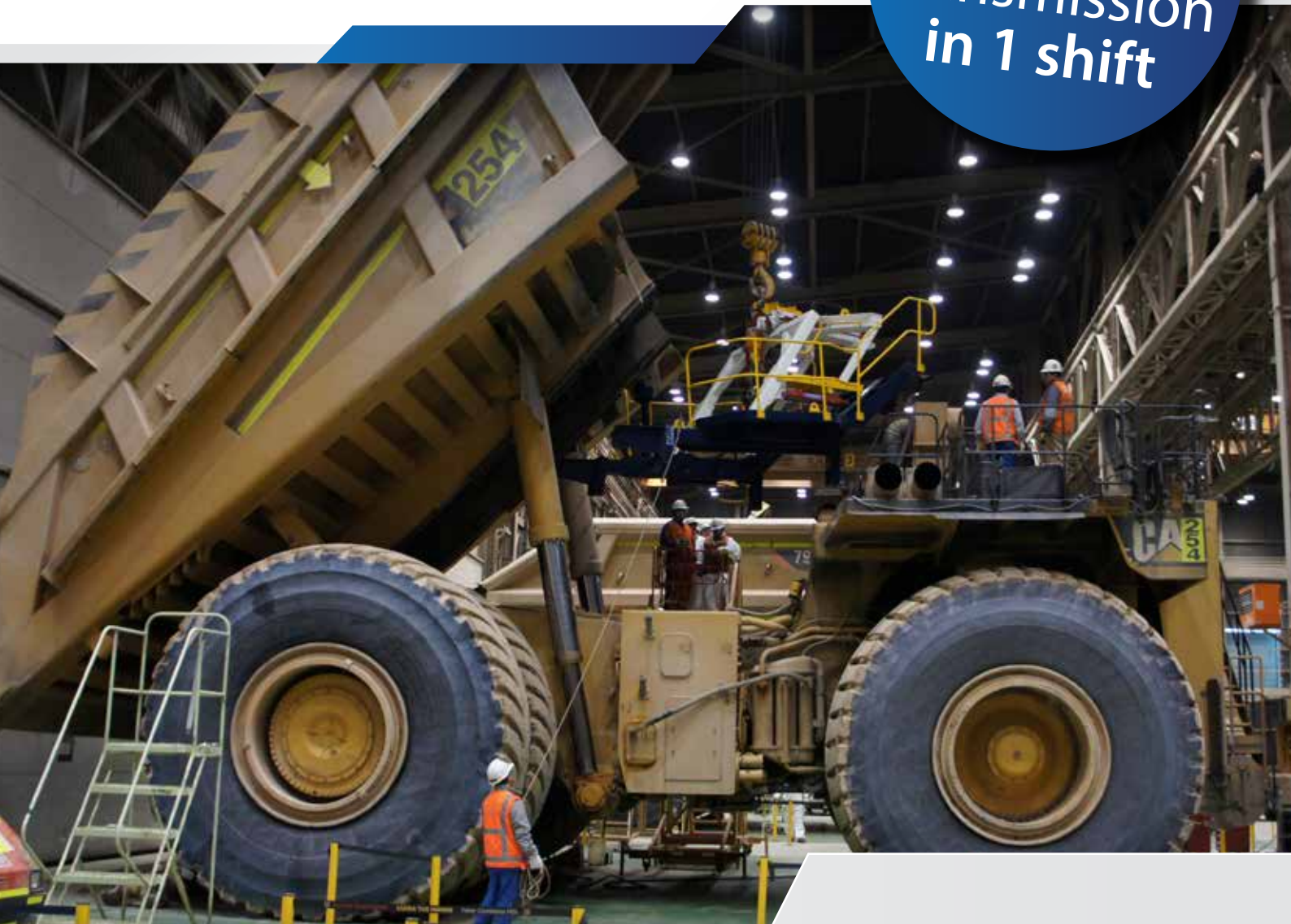


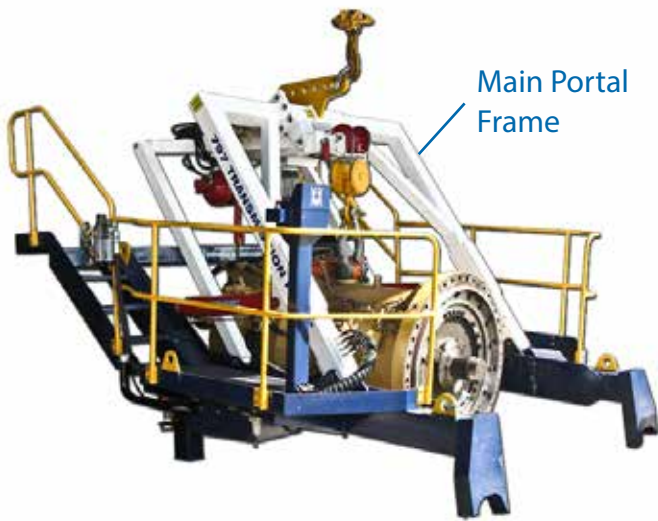
CAT 797 Transmission Hoist

The Cat 797 Transmission Hoist is a specialized 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

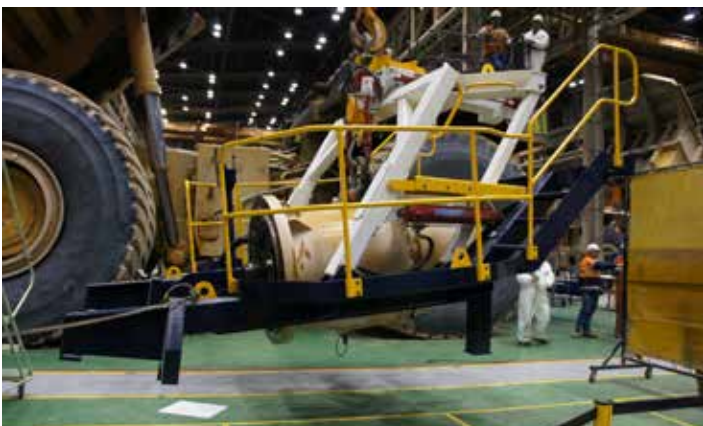


Main Portal Frame

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 stairway 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 Tool and Installation Bracket Assembly. 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.



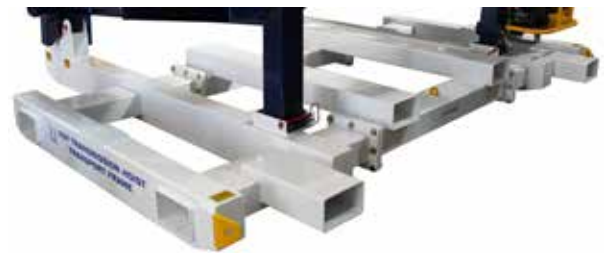
Functions

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

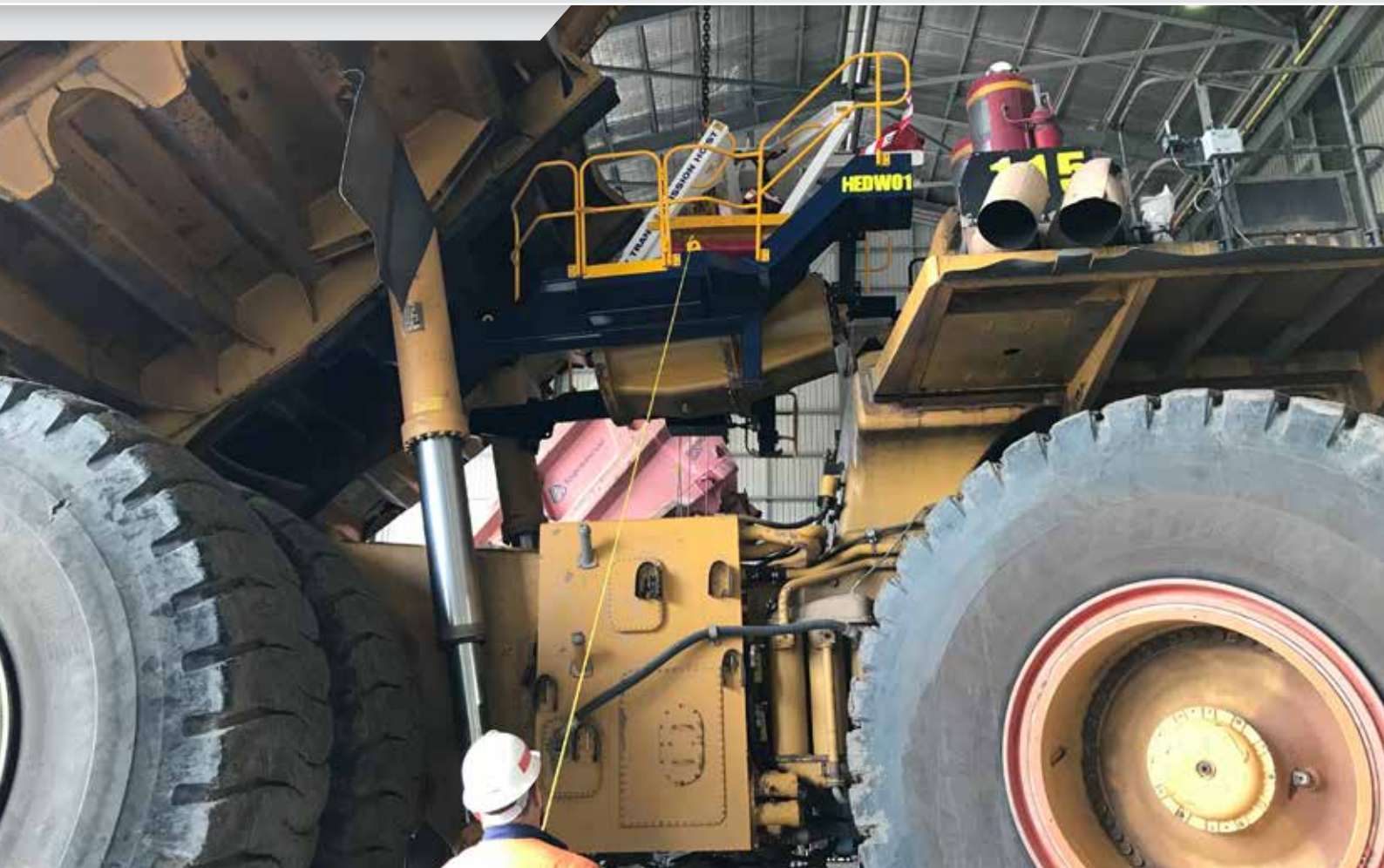
The Trilift® Cat 797 Transmission Hoist Transport Frame can also be used to transport the Trilift® Cat 797 Transmission Hoist in two (2) halves, fitting neatly into a 20 foot container, for transport by road or sea.



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 inch perfect accuracy. By using the controls located on the platform the operator has improved visibility and is removed from the danger zone.





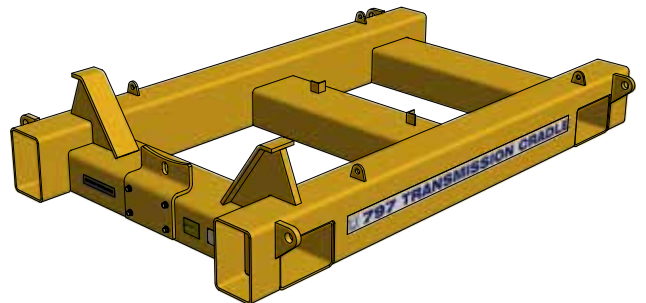
Safety Benefits and Cost Savings

- 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 utilized to maximize workshop efficiencies.
- Reduces the number of personnel required to perform maintenance tasks freeing up labor 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, utilizing specialized tooling that is purpose built for component handling, with the ultimate outcomes of:

minimizing workplace injuries and maximizing availability.

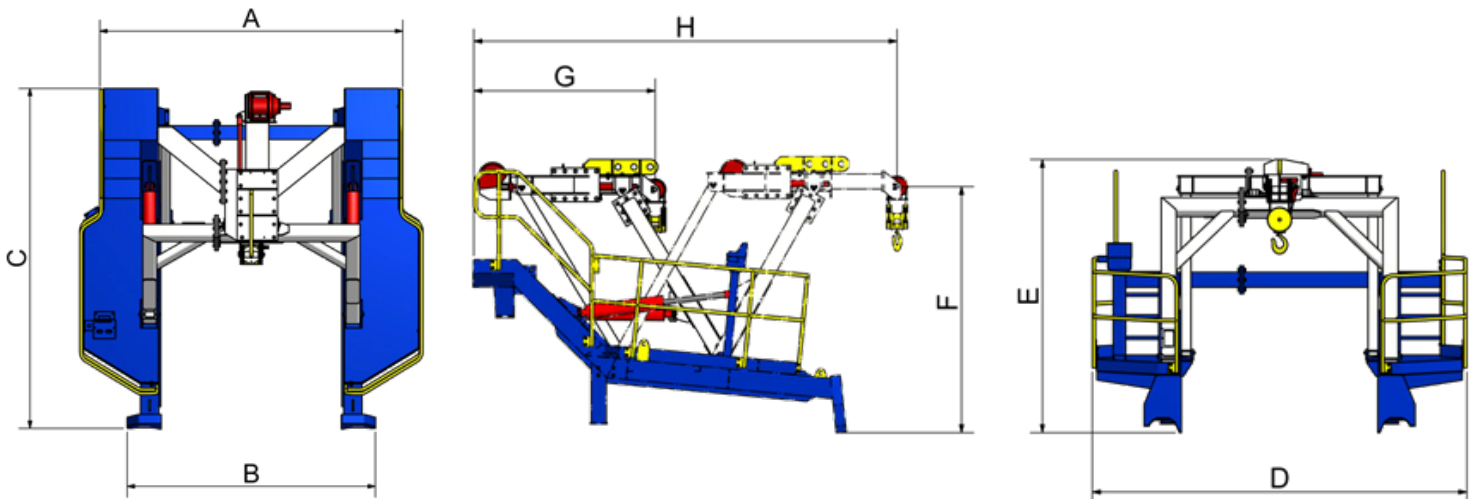
Specifications

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

Key Operating Data

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