



PIPELAYER ATTACHMENT Model CPC572

Designed for :
Caterpillar 572/583 Piplayers



Designed to ANSI B30.14 Standards

The Challenger hydraulic pipelayer conversion converts the Caterpillar 572 and 583 pipelayers from a mechanical to a hydraulically operated drawworks. The hydraulically driven planetary gear winches will provide smooth precise load handling capabilities with infinitely variable line speeds.

This conversion simplifies operator training and improves operational safety. The simple two lever control system reduces operator fatigue.

This package can be installed in Challenger Service's shop or shipped to the customer's site for installation at his facility.



Drawworks Specifications

Lift Capacity 90,000 lbs (40,824 kg)
(at 4 feet)

Load Line

Hoist 2 speed
4 part line
Hook speed High: 65 fpm
Low: 32 fpm

Boom Line

Hoist 1 speed
4 part line

Cable Diameter 3/4 inches (load line)
3/4 inches (boom line)

General Information

Winches

- 25,000 lbs. capacity on load winch and boom winch.
- Planetary type, 70 gpm @ 2,750 psi (151.4 lfm @ 189.7 bar).
- Hydraulic Brakes are automatic multiple oil disc type, spring applied and hydraulically released.
- Hydraulic boom stop.

Hydraulic System

- Gear type pump, 70 gpm @ 2,750 psi.
- Hydraulic tank—70 gallon capacity.
- Spin on Cat filter

Controls

- 2 functions: load line and boom line.
- Operation of the counterweight is unchanged

Options

- Quick drop on load line.