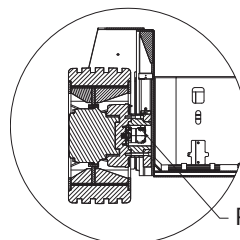


SHIELD TRAILER GSH150

Features

- **RAS Chock/Roof Support Trailer** – The 55 000 kg (121,254 lb) RAS Chock/Roof Support Trailer is just one of the wide range of attachments available. The trailer is connected by a 5th Wheel Adapter unit to the towing vehicle. The trailer has a hydraulic powered winch for loading the Chock/Roof Support into the trailer body. The floor of the trailer is tapered allowing easy access into the trailer body by the support. Steel wear strips are welded in place for the support to slide over, reducing frictional resistance. Hydraulic powered cylinders acting on a slide plate raise and lower the trailer body to the floor. Hydraulic cylinders are incorporated in the chock/roof support positional stops and act as eject cylinders in the unloading sequence.

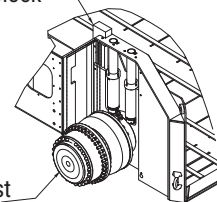
- **Optional Power Assist Drive** – The hydraulic assist drive system fitted to the trailer is considered as an additional power assist unit for the trailer in areas of inconsistent floor and roadway conditions and is designed for intermittent use and not as a full time constant additional power drive. The hydraulic wheel motors are driven by the towing vehicle's hydraulic system through the power take off (PTO) connection.



Power Assist Unit

Manifold Block

Hydraulic Power Assist
and Kessler Wheel Hub



- Contact your local Caterpillar representative for further information on any of the above. If you have a specific job task requirement or an attachment that is not listed let Caterpillar assist by developing a solution for and with you.

Specification

Support

Support Width (reference trailer widths)	1750 mm	68.9 in
	2000 mm	78.7 in
Support Mass (reference Caterpillar for load/braking restrictions)	Up to	Up to
	55 000 kg	121,254 lb

Trailer

Trailer Mass	14 000 kg	30,864 lb
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Winch

Winch Capacity		
Standard	20 000 kg	44,092 lb
Optional	30 000 kg	66,138 lb
Winch Rope		
	Flat platted type or optional Kevlar Blue	

Hydraulics

Quick connect PTO couplings from the towing vehicle

Unload

2 × hydraulic cylinders in stops

Nominal Ground Pressure

Unloaded	250 kPa	36.26 psi
Loaded	1330 kPa	192.90 psi

CL215 5th Wheel Tow Adapter

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