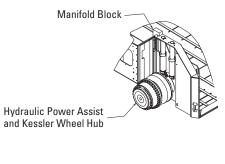


Cat[®] SH150 SHIELD TRAILER

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

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 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.

Specifications

Support

1750 mm	68.9 in 78.7 in Up to 121,254 lb			
2000 mm				
Up to 55 000 kg				
14 000 kg	30,864 lb			
20 000 kg	44,092 lb			
30 000 kg	66,138 lb			
	Flat platted type or optional Kevlar Blue			
	2000 mm Up to 55 000 kg 14 000 kg 20 000 kg 30 000 kg Flat platted			

Hydraulics

Quick connect PTO couplings from the towing vehicle

Unload

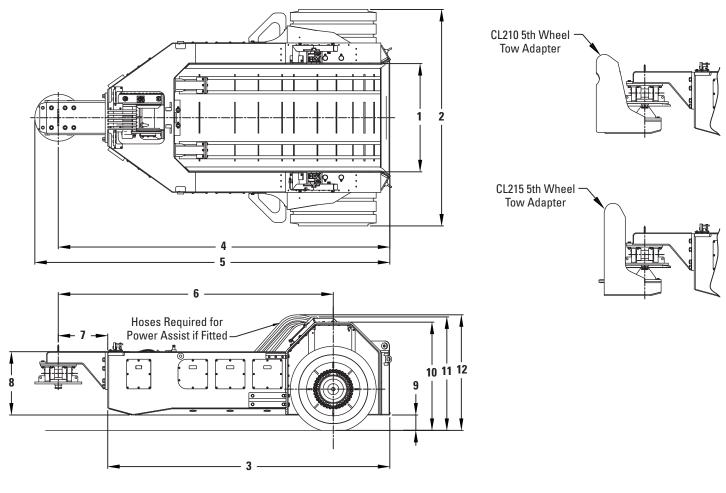
2 × hydraulic cylinders in stops

Nominal Ground Pressure

Unloaded	250 kPa	36.26 psi
Loaded	1330 kPa	192.90 psi



SH150 Shield Trailer



Dimensions (All dimensions are approximate.)

	Trailer Model	Power Assist					Non-Power Assist						
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
1	Width – Inside	1750	68.9	2000	78.7	2200	86.6	1750	68.9	2000	78.7	2200	86.6
2	Width – Overall Over Wheels	3530	139.0	3780	148.8	3980	156.7	3430	135.0	3680	144.9	3880	152.8
3	Length – End to 5th Wheel Mount	4570	179.9	4420	174.0	4420	174.0	4570	179.9	4420	174.0	4420	174.0
4	Length – End to 5th Wheel Pivot	5390	212.2	5220	205.5	5220	205.5	5390	212.2	5220	205.5	5220	205.5
5	Length – Overall	5760	226.8	5600	220.5	5600	220.5	5760	226.8	5600	220.5	5600	220.5
6	Length – Center of Wheel to 5th Wheel Pivot	4450	175.2	4300	169.3	4300	169.3	4450	175.2	4300	169.3	4300	169.3
7	Length – 5th Wheel Stand Off	799	31.5	799	31.5	799	31.5	799	31.5	799	31.5	799	31.5
8	Height – To Top of 5th Wheel Loaded	1024	40.3	1024	40.3	1024	40.3	1024	40.3	1024	40.3	1024	40.3
9	Ground Clearance Lifted	250	9.8	250	9.8	250	9.8	250	9.8	250	9.8	250	9.8
10	Height – To Top of Wheel Arch Lifted	1750	68.9	1750	68.9	1750	68.9	1750	68.9	1750	68.9	1750	68.9
11	Height – To Top of Guard Lifted	1835	72.2	1835	72.2	1835	72.2	1835	72.2	1835	72.2	1835	72.2
12	Height in Travel Position	1870	73.6	1870	73.6	1870	73.6	1870	73.6	1870	73.6	1870	73.6

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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