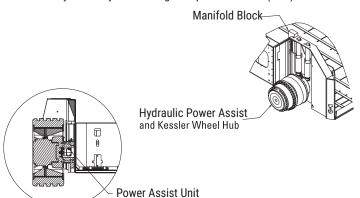


SHIELD TRAILER GSH150

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.



 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 55 000 kg	Up to 121,254 lb				
, , , , , , , , , , , , , , , , , , ,	J	,				
Trailer						
Trailer Mass	14 000 kg	30,864 lb				
Winch						
Winch Capacity						
Standard	20 000 kg 44,092 lb					
Optional	30 000 kg 66,138 lb					
Winch Rope		platted type or onal Kevlar Blue				

Hydraulics

Quick connect PTO couplings from the towing vehicle

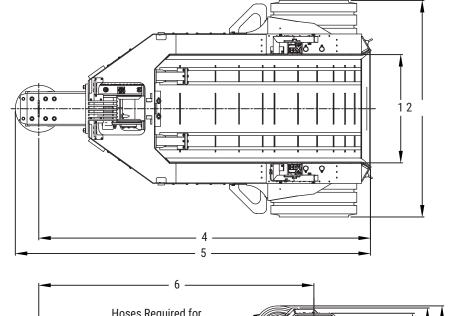
Unload

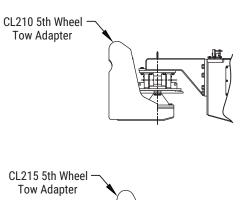
2 × hydraulic cylinders in stops

Nominal Ground Pressure

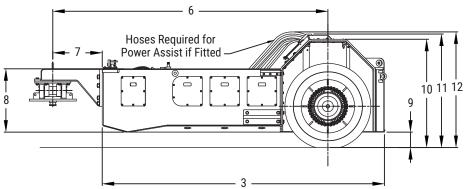
Unloaded	250 kPa	36.26 psi
Loaded	1330 kPa	192.90 psi







FIII E



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



India

Gainwell Engineering Private Limited Godrej Genesis Technology Park Unit 401, 402, 403, Plot X1 Block EP & GP, Salt Lake Sector V, Kolkata – 700091, India Email : info@gainwellengineering.com

Australia

Gainwell Engineering Pacific Pty Limited 135 Bulls Garden Road Gateshead, NSW 2290 +61 0240721130 Phone : (02) 4072 1130 Email : cs@gainwellengineering.com

Singapore

Gainwell Engineering Global PTE. Limited 39 Robinson Road #15-01, Robinson Point Singapore 068911 Phone : +65 98706685 Email : finance@enl.com.sg

USA

Gainwell Engineering Inc. 198 Baughan Road HICO, West Virginia, 25854 United States of America Phone: 1-304-658-2100 Email: inquiries@gainwellengineering.com

