

CRUSADER HOSE DEWATERING PACKAGE

LAYFLAT HOSE AND REEL SYSTEM



CRUSADER HOSE

Customised Layflat Hose Systems

DEWATERING PACKAGE

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DESCRIPTION

This Layflat hose mine dewatering system come in a complete package for easy and efficient dewatering at mine site. The Dewatering Package comes wound with up to 200m of Hose fitted with Bauer Galvanised coupling sets or Flange Table E Galvanised couplings both ends with a Hose reel and a Hydraulic Unit drive.

WATERLORD HOSE

Waterlord Hose has a woven polyester fabric jacket giving the hose its high burst and Tensile load features. The polyurethane cover not only protects the hose against abrasion damage but also against harmful UV radiation and ozone. This unique design renders the hose lightweight yet extremely strong and durable.



EFFICIENT

- ✓ Follows land contours.
- ✓ Easily deployed & retrieved.
- ✓ Easily moved to new locations.
- ✓ Compact storage when not in use.

EFFECTIVE

- ✓ High volumes up to 540 m³/hr with 8" (203mm).
- ✓ Rapid setup for emergency pumping.
- ✓ Short term and hire options available.

Inside Diameter mm/inch	Working Pressure (Bar)	Burst Pressure (Bar)	Burst Pressure (PSI)	Avg. Single Wall Thickness (mm)	Weight per Metre (kg)	Part Number
152mm / 6"	28	56	812	4.8	3.0	HWW152XBA
152mm / 6" (HP)*	35	70	1015	6.5	3.4	HWH152XBA
203mm / 8"	15	30	435	4.5	3.5	HWW203XBA
254mm / 10"	15	30	435	5.0	4.0	HWW254XBA
305mm / 12"	14	28	406	5.0	4.5	HWW305XBA

* High pressure

PACKAGE



COUPLINGS

Crusader Hose can fit a wide range of different couplings to the Waterlord hose. We typically attach the coupling using our patented Waterlord SEGMENTS, which are preferred for high pressure applications in 6", 8", 10" & 12" diameters. Waterlord Segments have the added benefits of easy fit on and off site.

Bauer gal set with segments



BAUER COUPLING GAL SET

Bauer Coupling GAL with S/S Segments (inch)	Working Pressure (Bar)	Burst Pressure (Bar)	Burst Pressure (PSI)	Weight per SET (kg)	Part Number
6"	10	15	217	29	CLB152AGB
8"	10	15	217	40	CLB203AGB
10"	10	15	217	65	CLB254AGB
12"	10	15	217	68	CLB305AGB

Flange table E with segments



FLANGE TABLE E GAL (Unit)

FLANGE Table E GAL Coupling with S/S Segments (inch)	Working Pressure (Bar)	Burst Pressure (Bar)	Burst Pressure (PSI)	Weight per UNIT (kg)	Part Number
6"	14	20	290	17	CLN152EGB
8"	14	20	290	24	CLN203EGB
10"	14	20	290	35	CLN254EGB
12"	14	20	290	37	CLN305EGB

* Other Flange type coupling in GALVANIZED are available on request.

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HOSE REEL SYSTEM

The Crusader Hose Reel System is the simplest, fastest and most compact system available for delivering layflat hose in the field. The interchangeable spools make it quick and easy to handle multi lengths of hose. Storage and transport is simple.

Hose REEL/SPOOL

Hose Reel Capacity (inch)	Max. Hose Length Capacity (m)	Dimensions (cm)	Rating (tonnes)	Weight (kg)	Part Number
6"	200	245x245x45	1.5	195	ACR152ASB
8"	200	245x245x45	1.5	195	ACR203ASB
10"	200	245x245x60	1.5	200	ACR254ASB
12"	200	245x245x60	1.5	200	ACR305ASB

* Hose not included



Reel Drive Unit (Hydraulic)

Drive Unit	Heavy Duty
Hose Capacity (Hose Size/m)	6" to 12" Hose (200m)
Weight (kg)	254
Dimensions (cm)	160x115x113
Rating (tonnes)	3t
Part Number	ACW002ASB

YOUTUBE VIDEO LINK: <https://youtu.be/Zqm8w39sJC4>



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