

CRUSADER HOSE DEWATERING PACKAGE

LAYFLAT HOSE AND REEL SYSTEM



CRUSADER HOSE

We manufacture in Australia
the world's best layflat hose

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" (HP)*	21	42	609	4.5	2.6	WH60X
203mm / 8" (HP)*	15	30	435	4.5	3.5	WH80X
252mm / 10" (HP)*	15	30	435	5.0	4.0	WH10X
304mm / 12" (HP)*	14	28	406	5.0	4.5	WH12X

* 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	CB60S
8"	10	15	217	40	CB80S
10"	10	15	217	65	BC10S
12"	10	15	217	68	CB12S

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	FE60S
8"	14	20	290	24	FE80S
10"	14	20	290	35	FE10S
12"	14	20	290	37	FE12S

* 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	HR60L
8"	200	245x245x45	1.5	195	HR80L
10"	200	245x245x60	1.5	200	HR10L
12"	200	245x245x60	1.5	200	HR12L

* 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	RD12U

YOUTUBE VIDEO LINK: <https://youtu.be/Zqm8w39sUC4>



Crusader Hose Pty Ltd

22 Industry Place Bayswater VIC 3153 Australia
 Telephone: +61 3 9720 1100 Facsimile: +61 3 9720 5756
 Email: sales@crusaderhose.com.au
 www.crusaderhose.com.au

