

Hytrans® FloodModule for HydroSub® 150



General description

The FloodModule consists of three submersible pumps, necessary hydraulic hoses with manifold and 150 meter of special light weight Flood Hose. All this is carried in a standard container that fits on the Hytrans® Duo Container system.

In combination with the HydroSub® 150 it is possible to reach a capacity up to 50.000 liter/min.

HydroSub® 150 + Hytrans® FloodModule = 50.000 liter/min.



Hytrans® FloodModule for HydroSub® 150

Main features

The main goal for the development of the FloodModule, was creating a mobile unit providing flood relief on a large scale, driven by the Hytrans® HydroSub® 150. This is what has been achieved without doing any concessions.

The FloodModule consists of three submersible pumps, necessary hydraulic hoses with manifold and 150 meter of special light weight flood hose. All this is carried in a standard container that fits on the Hytrans® Duo Container system.

The FloodModule is an add on system to the Hytrans® HydroSub® 150. By replacing the standard submersible pump, mostly used for firefighting, for the FloodModule the combination is capable of reaching a capacity over 50.000 liter/min.

The special low friction and light weight 12" Flood Hose, made of durable PVC coated polyester, can easily be deployed by only one person. The separate hose lengths are connected with a simple strap.

Features

- Basic skid mini-container
- Helicopter lift-eyes
- Add on system to HydroSub® 150
- Suitable for hookarm handling
- 12" Light weight Flood Hose, designed for incidental use
- Simple strap coupling on lightweight Flood Hose

Content

- 3x Flood pumps in demountable frame with floater
- 15 x 10 meter 12" Flood Hose

- Hydraulic manifold with quick release couplings
- 4x Glass fibre road plates
- 3x 10" ML connection piece
- 3x Pressure regulating end piece
- 1x MultiLug coupling spanner
- 1x Flood Hose repair set

Technical specifications

- Total weight: approx. 1580 kg
- Nominal dimensions: 4200x1060x1840 mm (LxWxH)
- Outlets: 10" MultiLug coupling
- Maximum system capacity: 50.000 ltr/min. (+/- 5%) at low pressure

FloodPump specifications

Material of the pump and impeller are aluminium. The frame is made of stainless steel.

- Weight: approx. 91 kg
- Dimensions (operational incl. floaters): 690 x 710 x 870mm (LxWxH)
- Pump outlet: 10" MultiLug coupling

Hytrans® Mobile Water Transport

Besides the HydroSub® units, Hytrans® supplies all additional equipment to complement the Hytrans® System.

HoseLayerContainers for the use of thousands of meters Super Large Diameter hoses up to 300 mm/12-inch, extreme fast hose lay-out and easy speedy automatic hose pick-up with little manpower, due to the deployment of a revolutionary automatic hose pick-up system, the Hytrans® Hose Recovery Unit (HRU).

Also large diameter hoses, Y-pieces, gate valves and all other equipment needed to make a complete mobile water transport in no time and with a minimum of manpower. (see separate brochures, available on request).

Contact us for more information.



Submersible FloodPumps



12" Flood Hose



Hydraulic Manifold

Hytrans Systems