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HYDROBLAST®

WHIP CHECKS



For use with:
Water jetting Hoses
Hydraulic Hoses
Compressed Air Hoses

Hydroblast's Hose Whip Restraint System
is designed to prevent whipping of a pressurized hose in the event of the hose separating from its fitting

Restraining hoses. Safely.

Using hose shrouds on guns is highly recommended as best practice

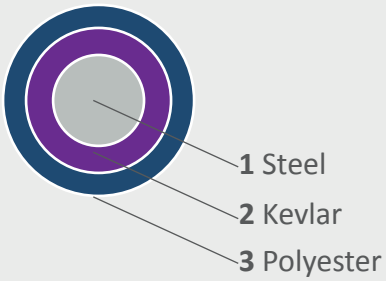
HYDROBLAST
Hydroblast Whip Restraint System

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Restraining hoses. Safely.

Working with any high-pressure hose, whether it is handling fluids or air, Whip Checks should always be used.

- International Patents
- Tested Areas of Use
- Water jetting Hoses
- Hydraulic Hoses
- Compressed Air Hoses





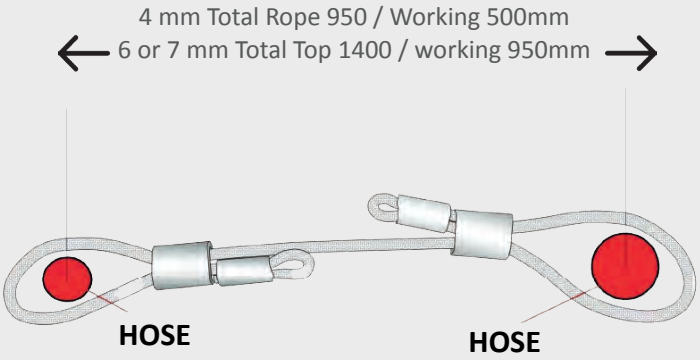
Hydroblast has invested in a new style of Whip Checks. They are available in two sizes and are made from Steel Rope, coated with Kevlar and an outer layer of Polyester.

Sizes of rope
4mm
Will withstand **1000 kg** breaking strain* - part no. HYBW-S4-850 (with new choker block)

6mm
Will withstand **3000kg** breaking strain* - part no. HYBW-S6-1000

***Providing that**

- they are installed as per instructions
- there are no visible signs of damage



Defects, faults and malfunctions

These could range from possible human error connecting hoses together, a manufacturing defect when the hose is crimped, or an outdated, poor quality hose.





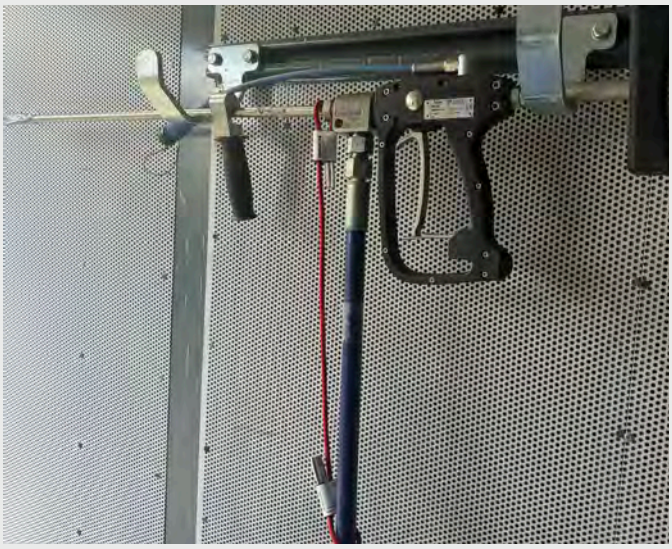


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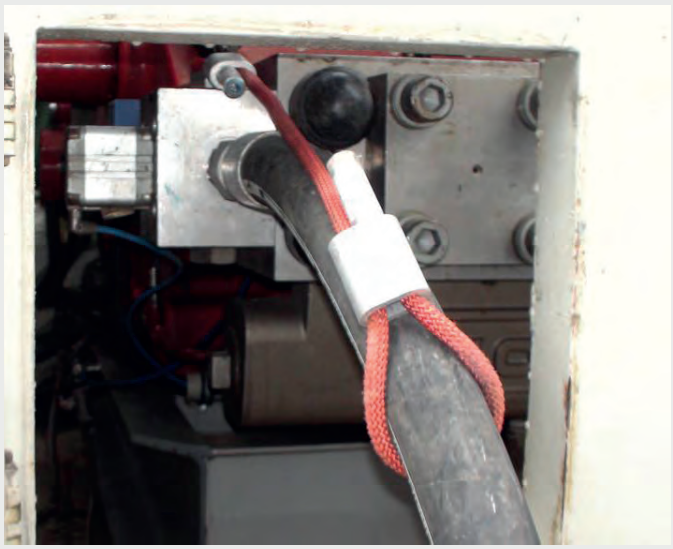
Solutions for Water Jetting Hoses

When high-pressure hoses are joined together or to a piece of equipment, a Whip Check should be used to restrain the movement of the pressurized hose should it become uncoupled.





They are made for small hoses such as DN10 upwards, the picture above shows HYBW-S4-850 model used on DN10 hose



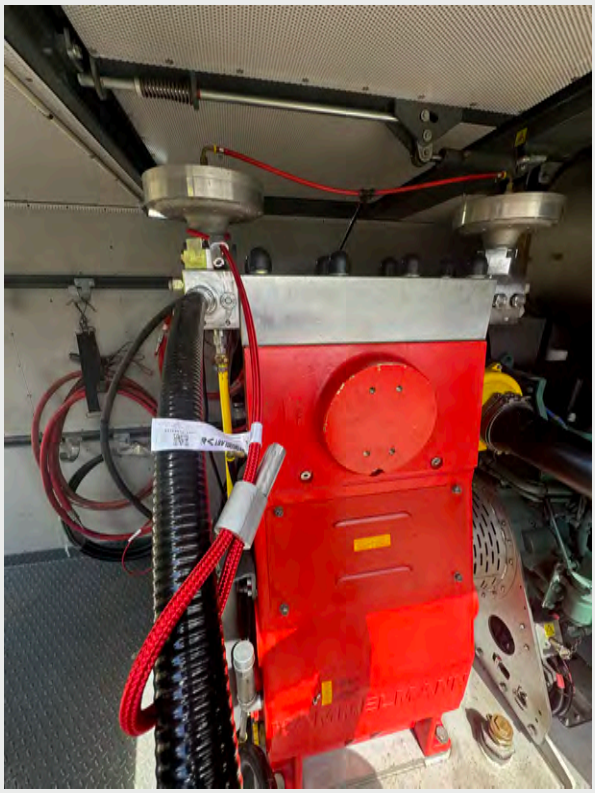
The picture above shows HYBW-S6-1000 used on DN19 Hose

Whip checks should be attached at any point where two hoses are joined, or fixed to a pump at the fluid discharge side, or where a hose attaches to any piece of water jetting equipment.

When Working with high flow pumps and at high pressures giving high reaction forces means we strive to use the latest “safest” equipment.

DN10 hoses and above
Will withstand **1000 kg** breaking strain -part no. **HYBW-S4-850**

DN12 or DN19 hoses and above
Will withstand **3000 kg** breaking strain - part no. **HYBW-S6-1000**



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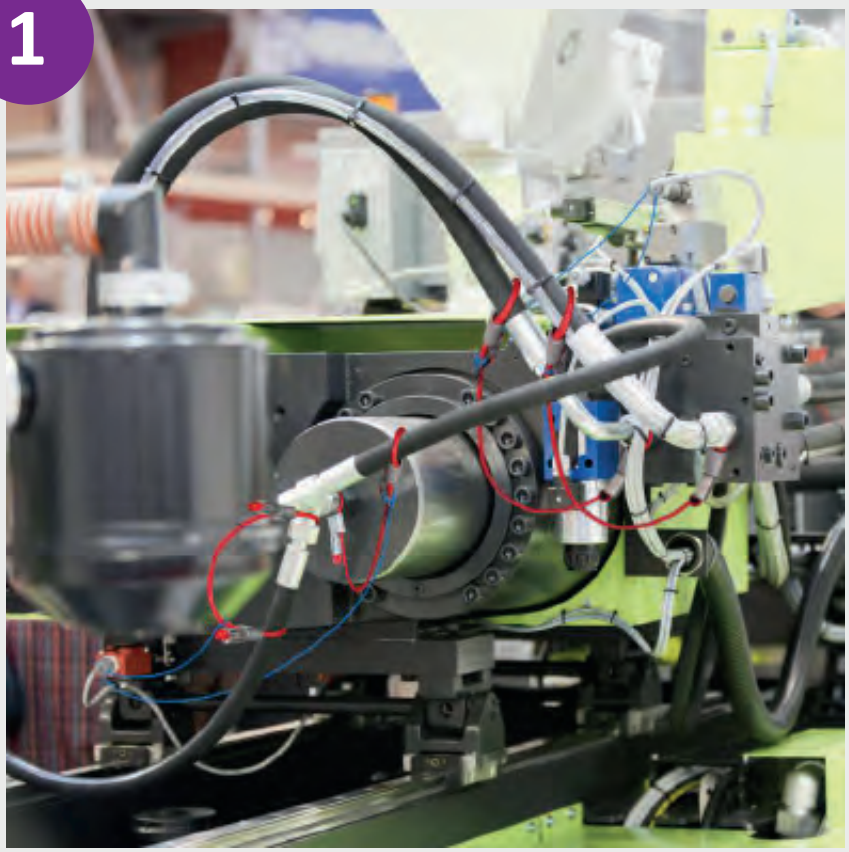
Solutions for Hydraulic Hoses

STEP 1
Install the Hose Whip on the flexible hose under pressure and connection of them to the emergency switched.

STEP 2
Release of the flexible hose and intervention of the Hose Whip.

STEP 3
Tending to hold back the flexible hose, Hose Whip also tends the cable connected with the emergency switch that, like this,detaches the micro and causes the machine to shut off and stops the machine leakage of liquid.

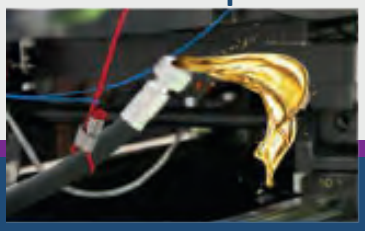
1



2



Oil Stop

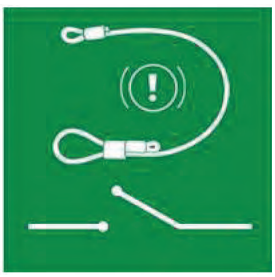


3





Emergency stop button



Automatic emergency stop

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Solutions for Compressed Air Hoses



Air Block

product code HYBAB-S4



Application of Hose Whip on the equipment powered by air



Fixing with the hose/extension cord



Fixing of the second end of the AIRBLOCK at the hose.



Permanent fixing of the AIRBLOCK between the hose under pressure and the equipment.







The AIRBLOCK could be applied on different types of hose and equipment.

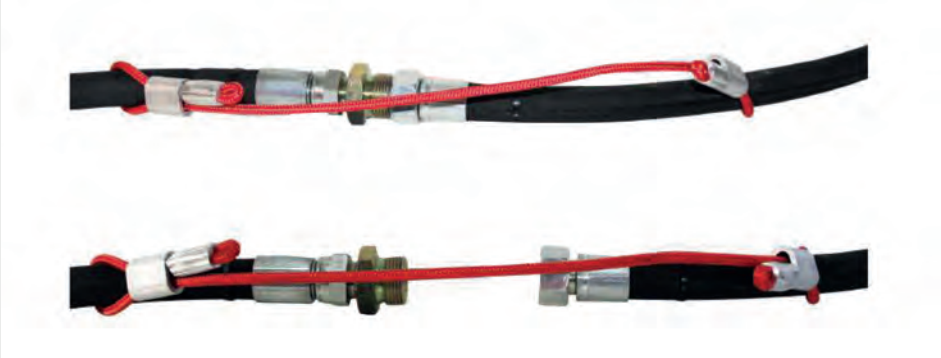


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Emergency Component

Hose Whip offer additional safety for compressor hoses in enclosed or critical environment. This includes an automatic emergency stop function.



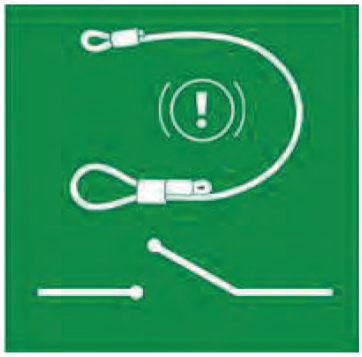
EMERGENCY STOP







Emergency stop button



Automatic emergency stop

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Instructions for use





Hydroblasts Hose Whip has been designed to be used for pressurized equipments (compressors, fixed or mobile equipment, water jetting equipment, etc..) These systems are required by law to avoid injuries, to prevent problems linked to the ferrule and to the flexible hose.

1. Insert the first loop on the hose making it slip on it to get it in place.

2. Tighten the loop of Hose Whip around the hose.

3. Apply a metal clamp between the loop and the machinery-connection or the other part of the hose.

4. Repeat the same steps for the other end of the Hose Whip.

5. If the hose is not made out of rubber, apply a slip-resistant tape to be sure that Hose Whip will not be able to slip away from the hose in case of activation.

6. A label will be applied with the technical characteristics of the product.

Hydroblast Hose Whip is:

- Easy installed
- Economic
- Certificated by Notified Body
- Marked CE
- Emergency Stop function (on request)
- Composite Cable: **steel + kevlar + polyester**







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Hydroblast is a trading name of Hydroblast Limited.

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