

# Hydraulics Technology Talk #2

## Topic : Hydraulic Hose & Fittings

**Live on 26<sup>th</sup> August 2020 on MS Teams**  
**1<sup>st</sup> Session @ 09:30am or 2<sup>nd</sup> Session @ 2:30pm (CAT)**  
**Q & A directly after each session**

**Hosted by: Neville Alberts – HAW Johannesburg Branch Manager**  
**Presented by: Mark Golombick – HAW Product Specialist Mobile**



**Bosch Rexroth SA**  
Group of Companies

**rexroth**  
A Bosch Company

# Hose and Hose Fittings

## Onsite Hose & Fittings Services



# Why choose HAW as your Hose & Fittings partner?

With 25 years' experience in the Hose and Fittings industry, HAW offers expert advice and high-quality products at an affordable price!

## Fully Stocked HAW Branches

Johannesburg  
Cape Town  
Pinetown  
Middelburg  
Port Elizabeth

**Bosch Rexroth SA**  
Group of Companies



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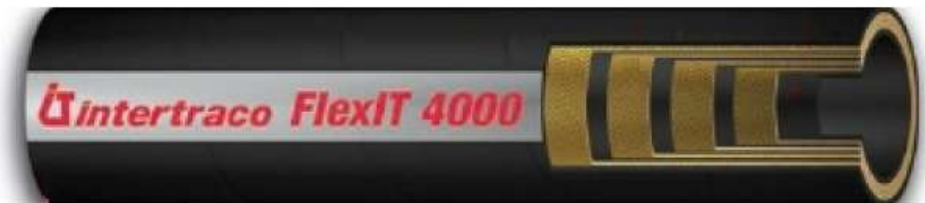


# Range of Intertraco

HAW stock a brand of hose and hose fittings  
Manufactured by a company in Italy – namely  
Intertraco

The range of hoses includes the following:

- 1 and 2 wire braided hose
- 4SP and 4SH spiral hose

The logo for Intertraco, featuring a stylized red and blue 'I' symbol followed by the word 'intertraco' in a bold, blue, sans-serif font.

# Range of Intertraco



R15 high pressure spiral hose



R4 suction hose



PTFE smooth and convoluted hose

R7 and R8 non-conductive hose



700 bar jacking hose

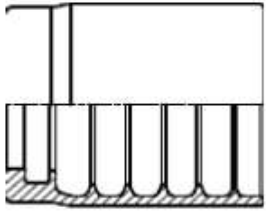
# What makes us unique?

## What makes our product offering unique compared to that of our opposition?

HAW stock a complete matched system of Intertraco hose, collars and fittings. This means that when you receive stock from HAW, you will be receiving stock that has been manufactured by one supplier! This ensures that there are no questions when it comes to quality, but also allows for complete traceability should something go wrong.

## Match-mate Hose & Fittings

# What makes us unique?



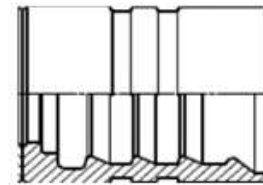
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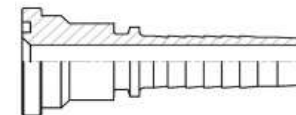
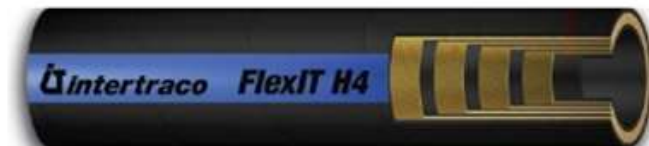
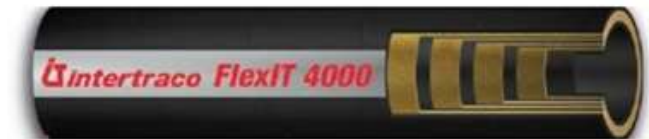
The same applies for our hose fittings. We have 1 type of insert for both 1 and 2 wire hose, as well as another insert that can be used on both 4SP and 4SH hose.

This assists in ensuring that less capital will be needed when looking to stock up on hose and hose fittings

Secondly, our range of Intertraco collars, can be used on multiple hoses. As an example, our D22 collars can be used on both 1 wire, and 2 wire hose. Our D56 collars can be used on both 4SP and 4SH hose and come in a skive or non-skive version.



D560000





# Fully Approved Applications

Lastly, all hoses from HAW are MSHA approved as well as also being approved by:

- Lloyds
- DNV and
- LAPI

This ensures complete peace of mind when you purchase any product from HAW!



# Onsite Support

## What are the benefits of onsite support?

- Increased productivity and profitability
- Ensure that there is minimal downtime
  - Onsite training
  - Set-up to suit site
  - Ideal for remote locations

**HAW also offer “Tender presentation assistance ” at site to help you secure new potential business!**

**JOB CARD / WAYBILL No** .....

USE ONE JOBCARD FOR EACH HOUR  
ASSEMBLY MADE BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CLIENT: \_\_\_\_\_  
SITE: \_\_\_\_\_  
Authorized by: \_\_\_\_\_ Plant ID / Area: \_\_\_\_\_

MACHINE INSPECTED No: \_\_\_\_\_

OPERATOR: \_\_\_\_\_  
MACHINE / SYSTEM / No: \_\_\_\_\_  
By: \_\_\_\_\_

DATE: \_\_\_\_\_  
CLASS: \_\_\_\_\_  
SITE: \_\_\_\_\_  
COMP: \_\_\_\_\_  
PART ID / No: \_\_\_\_\_  
CH# \_\_\_\_\_

**FAILURE REPORT 1**

FAILURE CATEGORY	FAILURE	CODE
ABRASION FAILURE	15	A
ABRASION REPLACEMENT	16	B
BURST FAILURE	5	C
CRACKED	3	D
MECHANICAL DESTROYED	10	E
WEARING	0	F
FITTING BLOW-OFF	3	G
SEAL BENDING	3	H
NEW ASSEMBLY	1	I
	62	

**FAILURE BY EQUIPMENT**

FAILURE CATEGORY	FAILURE	CODE
DRILL BITS	7	HD
TRUCKS	29	RD
EXCAVATORS	4	EXC
LOADERS	3	L
GRADERS	5	G
DOZERS	0	D
	61	

**Chart showing Failure by Category**

**CHART SHOWING FAILURE BY CATEGORY**

# Containerised Workshops

**A fully functional container** ranges from 20-40ft in size and can be mobilized within 4-8 weeks. Typical setups include a workshop/admin container, as well as an additional container for the storage of bulk products. Units can be customised built to suit customer specifications, and can be shipped with, or without stock

## So, what is included in the purchase of a container?

Typical container setup includes the following:

- Workshop bench
- Air-conditioning unit
  - 3 phase 380V
  - LED lights
  - Extractor fan
- Adjustable shelves



# Containerised Workshops

## Typical Stock



**Stock is entirely dependent on the fleet being used on site, but typical stock consists of:**

- 1 and 2 wire hose
- 4 and 6 wire spiral hose
- Collars and hose fittings
- Adaptors
- Mining and air hose
- Fuel hose...and lastly,
- Ball valves (whether high or low pressure)



# Containerised Workshops Equipment



**Equipment available for use in these containers include:**

- Uniflex UG32 Crimper
- Cut off machine
- Skiver
- Engraver and
- Pellet cleaner



# Containerised Workshops Commissioning



As HAW, we also assist in the commissioning of the container and assist in training staff on the product, and working of all items within the container. This helps build confidence with the onsite staff and ensures best in class service delivery!

# Thank You



Hydraulic &  
Automation  
Warehouse

