

# HOSE REELS

Custom-Made,  
for Terminals  
and Road Tankers



# HOSE REELS - COILED, CLEAN & TIDY

ELAFLEX is best known for its range of refuelling hose assemblies and nozzles, globally used in the aviation, petrochemical, marine and defence industries.

We have extended our product range to include industrial hose reels. They are available in many standard configurations with the option to customise.

We provide several different rewind mechanisms, e.g. manual rewind, spring rewind, with electric, hydraulic and pneumatic motors which can also be driven with a remote control system.

All of our hose reels are produced to the highest quality standards, as is our philosophy, are compliant with CE regulations and meet with European health, safety and environmental standards.

Materials used in the hose reel construction are carefully chosen for each application, with options in carbon steel with polyester powder coated to any colour, aluminium or stainless steel 304 and 316 in any colour for more demanding conditions.

## Custom-Made, from Own Production

Our hose reels are modular designed to suit your space, media and operating requirements – almost anything is possible.

## Advantages

- high quality standard, longevity
- many options, modular construction
- delivery as complete, tested system including hoses, couplings and nozzles
- economical pricing
- short lead times



### Standard Fuel Application

- Spring rewind hose reel
- Slimline 25 hose assembly
- ZVA 25 automatic nozzle



### Defence Diesel Application

- Spring rewind hose reel
- XHD 38 hose assembly
- ZV 400 manual nozzle

# COMPLETE & CUSTOMISED SOLUTION

Whether standardised, popular options or completely customised hose reel systems: To choose a hose reel system suitable for your unique application please follow the **Three Step Process** or contact our sales team.

## 1. Select Hose and Coupling Type

(see page 4)



## 2. Select Nozzle

(see page 5)



## 3. Select Hose Reel

(see page 5/6)



# 1. HOSE AND COUPLING SELECTION

Premium quality hose assemblies 'Made in Germany' from Elaflex have a proven superior service life. Due to high-tech rubber compounds, textile braided reinforcements and state of the art manufacturing they are perfectly suitable for applications in many industries worldwide.

With the **Elaflex Hose Configurator** the requested hose assembly can be chosen online, in a few simple steps: select hose type, size, length and fittings.

The additional selection guide and info-boxes help to find the best solution. For example, enter the medium used to show the recommended hoses.

[hoseconfigurator.elaflex.de](http://hoseconfigurator.elaflex.de)



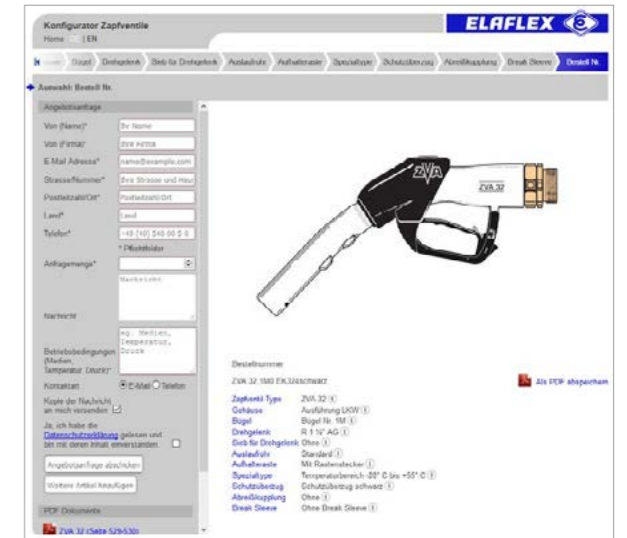
# 2. NOZZLE SELECTION

The **Elaflex Nozzle Configurator** assists to choose the right nozzle to suit your requirements. Please use the 'Selection Guide' by choosing basic properties such as application, media or required flow rate.

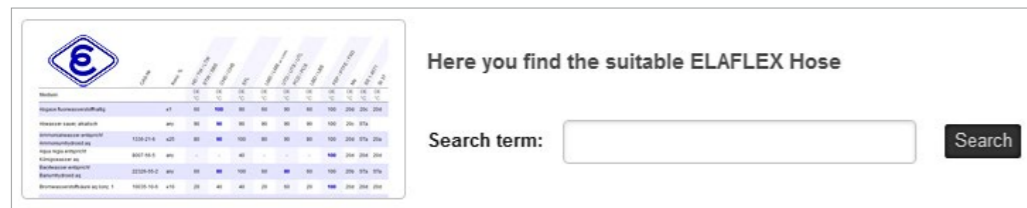
Please ensure that the nozzle outlet will fit to the hose coupling.

Commonly used nozzles for hose reel applications: ZVA Slimline 2, ZVA AdBlue HV, ZVA 25, ZVA 32, ZV 400, ZVF 50

[nozzleconfigurator.elaflex.de](http://nozzleconfigurator.elaflex.de)



Additionally, you can use our **Chemical Resistance Chart** to find the most suitable hose for the job. This extra online tool enables you to see the resistance of our ELAFLEX rubber hoses at various concentrations and temperatures.



[elaflex.de/resistance](http://elaflex.de/resistance)

# 3. HOSE REEL SELECTION

Our hose reels are suitable for a wide range of media, e.g. gasoline, diesel, Jet fuels, urea solution (AdBlue®), detergents, disinfectants, solvents, oils, water and gases. They cover operating pressures from **1 to 350 bar** and can be built to hold hose sizes from **DN 13 to DN 200** and any length. Depending on the hose length and available space, they can be designed on a 'long and low' or 'high and narrow' drum to suit the application.

Our technical department will design hose reels according to individual user specific requirements. The following options can be chosen:

- application / media
- installation dimensions
- colour
- open or closed disks
- mounting position (wall or on plane surface)
- guiding system and its positioning
- rewind mechanism (see page 6)
- if necessary, remote control system
- optional: cabinets to position or protect the hose reel



Threaded, Camlock or Dry Disconnect Couplings: There is an extensive range of connection systems available ex stock.

Elaflex hose end fittings are technologically state of the art in accordance with the highest safety measures. They are reliable, robust and long lasting and set standards in fuels transfer industry.



# HOSE REEL TYPES

## Manual Rewind

Hose reel with handle



Also available with chain transmission for bigger sizes.

## Spring Rewind

Hose reel with automatic spring-loaded rewind system



Suitable for retraction of hoses up to 30 m in DN 50 mm.

## Electric Rewind

Hose reel with electric motor



Electric motors available:  
AC = 230/400 V  
DC = 12/24 V  
Optionally with ATEX certified motors.

## Hydraulic Rewind

Hose reel with hydraulic motor



The motor is always provided with levers to operate.

## Pneumatic Rewind

Hose reel with pneumatic motor



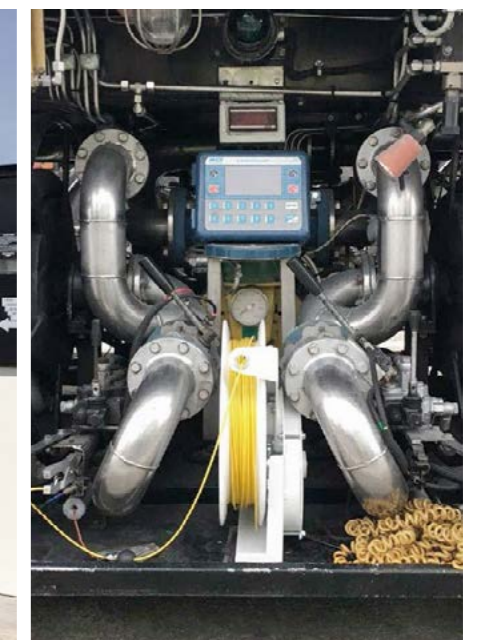
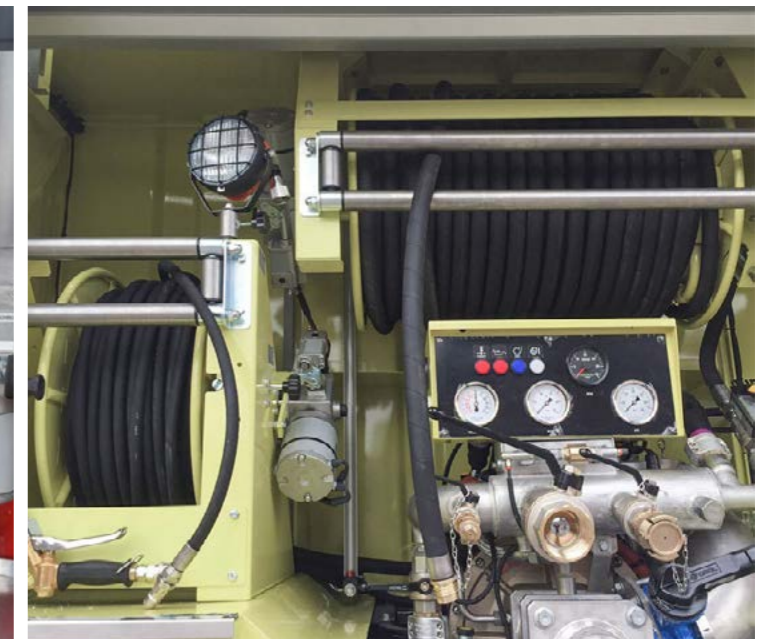
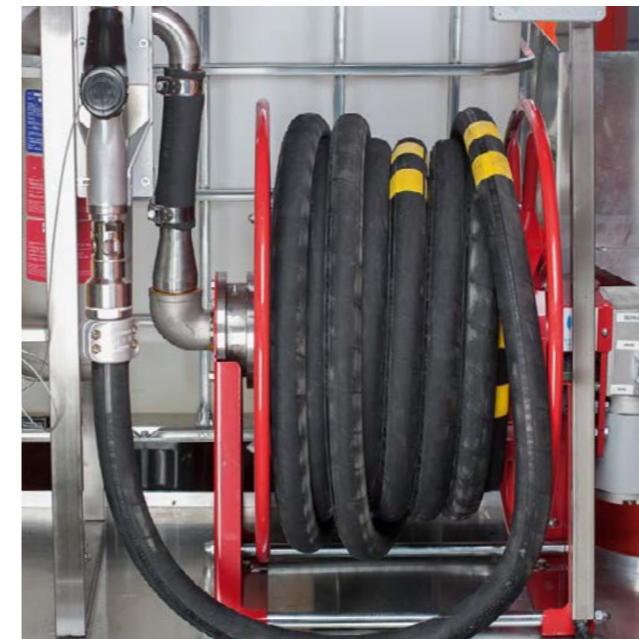
Optionally available with 'ON/OFF' kit to operate the hose reel.

## Additional Product: Grounding Reel

Reel with spring rewind mechanism

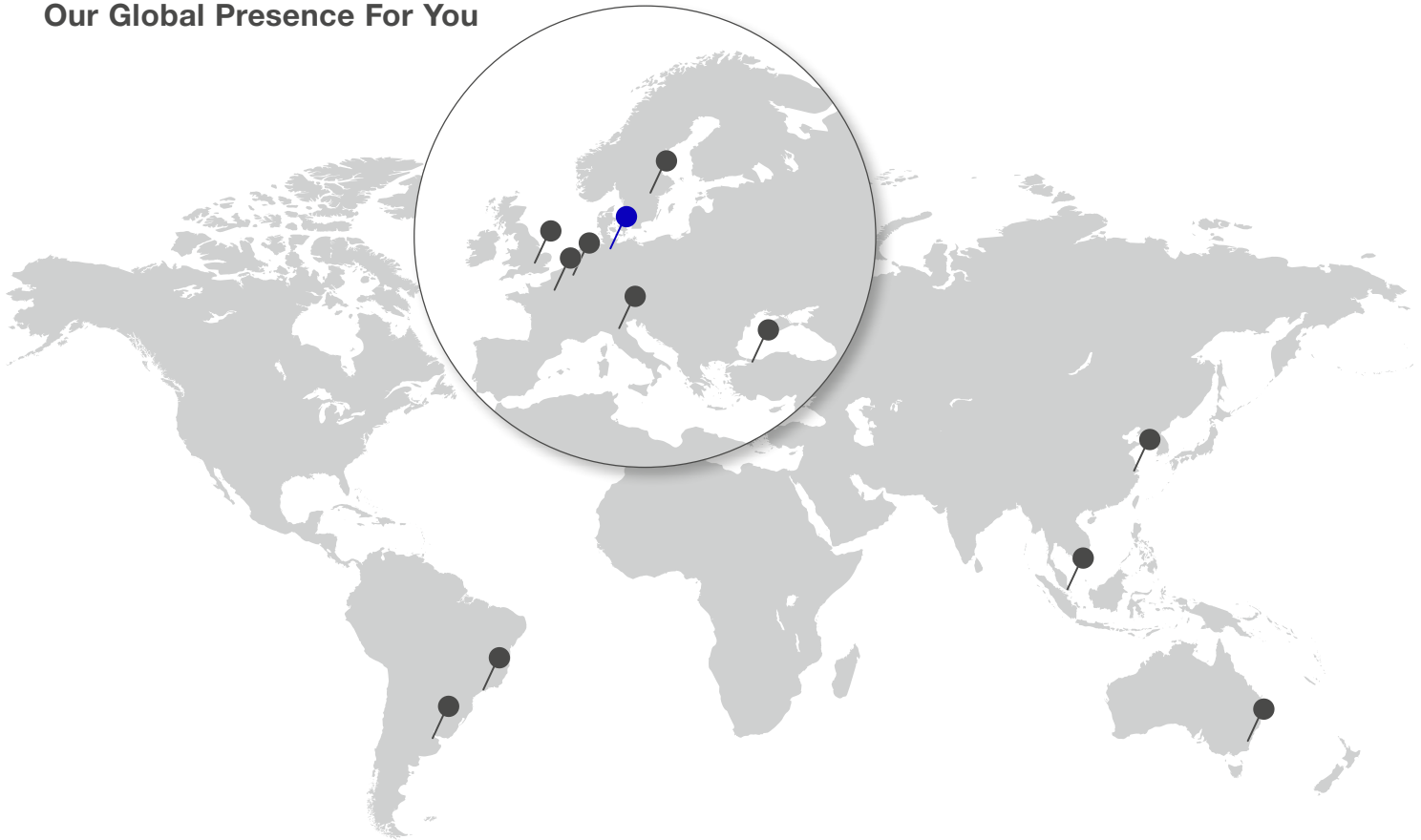


Frame available in polyester powder coated steel, UV resistant or stainless steel and any colour.  
High visibility electrical grounding cable, up to 30 m, DN 6 mm and different types of clamps.





## Our Global Presence For You



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