

Hydraulic and Industrial Process Filtration Division Europe GLFTrolley – Portable filtration unit

Sanna Tefke 13.10.2025



ENGINEERING YOUR SUCCESS.

GLFTrolley ensures your system cleanliness to required level



Filtering new fluid from storage tanks to system reservoirs

- **Used fluid transfer from system reservoir to waste tank**
- **Conditioning system fluid already in use**
- **Removing free water from a system**
- **Complimenting existing system filtration**
- **Hydraulic oils, Engine lubrication oils, Gearbox lubrication oils**
 - **Mineral and synthetic oils**

GLFTRolley features for all variants

- **CE EU Declaration of Conformity**
 - Machinery Directive (MD) (2006/42/EC)
 - Electromagnetic Compatibility Directive (EMC) (2014/30/EU)
 - The Restriction of Hazardous Substances Directive (RoHS) (2011/65/EU)
- High dirt holding capacity GLF iProtect® filter elements with $\beta_{12}=1000$ efficiency
- Easy filter service by top access
- Visual indicator included to notify user for element change
- Removable drip tray
- Balanced heavy duty frame with industrial designed wheels for easy handling
- Both EUR and UK type plug electrical cords
- Assembled hose kits and wands with chamfered end offering reliable suction capability
- Parker gear pump with internal safety relief valve offering reliable fluid transfer maximizing the operating pressure to 10 bar



GLFTrolley – Basic variants

Two variants:

- GLFT2010QIBNN
 - Max viscosity: 400 cSt
 - Nominal flow rate: 20 lpm
 - Max operating pressure: 10 bar
- GLFT4010QIBNN
 - Max viscosity: 250 cSt
 - Nominal flow rate: 40 lpm
 - Max operating pressure: 10 bar

- Prefilter 850 μ m (strainer style)



20 lpm



40 lpm

GLFTrolley – 3-way valve variants

Two variants:

- GLFT2010QIB3WN
 - Max viscosity: 400 cSt
 - Nominal flow rate: 20 lpm
 - Max operating pressure: 10 bar
- GLFT4010QIB3WN
 - Max viscosity: 250 cSt
 - Nominal flow rate: 40 lpm
 - Max operating pressure: 10 bar

- Prefilter 850 μ m (strainer style)
- 3-way valve to allow bypassing the filter when empty the reservoir from used oil reducing the need of replacing the element



20 lpm



40 lpm

GLFTrolley – iPD variant

GLFT4010QIB3WIPD



40 lpm

- Max viscosity: 108 cSt
- Nominal flow rate: 40 lpm
- Max operating pressure: 10 bar

- prefilter 125 μm with changeable element
- 3-way valve to allow bypassing the filter when empty the reservoir from used oil reducing the need of replacing the element
- Integrated particle detector to monitor system cleanliness levels

GLFTrolley Product page in parker.com

- <https://ph.parker.com/fi/en/product-list/portable-filtration-unit-glftrolley>
- Material free for downloading:
 - Datasheet
 - User manual

GLF TROLLEY Portable Filtration Trolley

The portable GLFTrolley removes free water and contaminants from hydraulic liquid. It is important to filter hydraulic fluids before use as they can contain high levels of contaminants. If not polished or cleaned, contaminants can significantly impact system performance and cause damage to critical components.

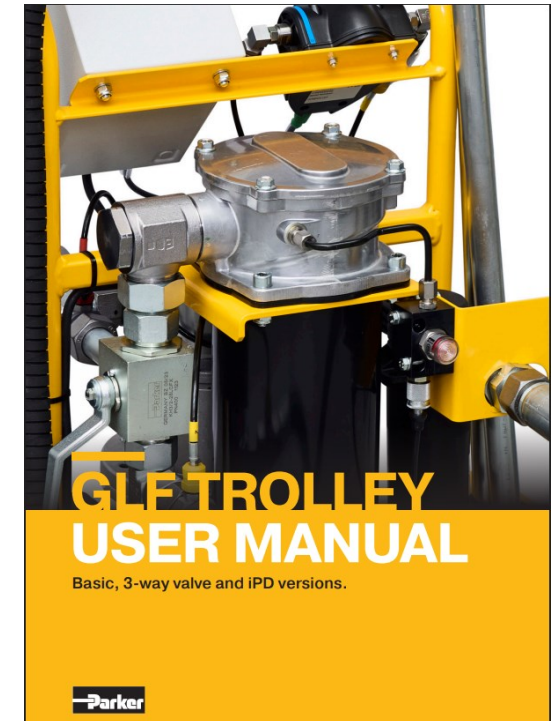
The GLFTrolley has been designed as a versatile solution for a wide range of offline filtration applications. The compact, powerful and robust units are designed to support preventative maintenance by purifying existing hydraulic and lubrication oil systems, or when transferring oils.

The GLFTrolley uses high-quality components, making it suitable for purifying small and medium-sized systems in a short amount of time, as well as for permanent offline filtration on large hydraulic systems.

The GLFTrolleys offer high nominal flow rates of 20 l/min or 5.2 US GPM, and 40 l/min or 10.6 US GPM, respectively, using high-quality gear pumps and energy-efficient, high-performance single phase motor that are suitable for continuous duty cycle. Additionally, these units are highly flexible in their use, as they can be utilized as either mobile or stationary offline filtration solutions.

Features

- Small footprint, lightweight and easy to transport
- High nominal flow rates of 20 lpm / 5.2 US GPM & 40 lpm / 10.6 US GPM
- iCount PD for real time fluid condition monitoring
- High-quality Parker gear pumps
- Energy-efficient, high-performance single phase motor (230VAC, 1.1kW)
- Pre filter / strainer
- Filter bypass (fluid transfer mode)
- Flexible EZ-Form Hose (2meters)
- Steel wand (1meter)
- Removable oil drip tray for residual oil and easy cleaning
- iProtectTM GLF33 filter with 10 µm fiberglass media provides high dirt holding capacity and filtration performance
- CE EU Declaration of Conformity
 - Machinery Directive (MD) (2006/42/EC)
 - Electromagnetic Compatibility Directive (EMC) (2014/30/EU)
 - The Restriction of Hazardous Substances Directive (RoHS) (2011/65/EU)





ENGINEERING YOUR SUCCESS.