



OIL CLEAN-UP SYSTEMS & SKIDS

Filtrertechnik have been supplying filtration solutions to a wide range of industries for over 25 years. Our next generation oil filtration systems provide a winning combination of highly efficient filtration with practicality enabling the end user to remove contaminants from their oil supply effectively and quickly.

In this section you will find a vast range of systems and skids, from small lightweight units to large installations, with flow rates of 5 l/min to 1,000 l/min no job is too demanding for our filtration units.

Don't hesitate to contact us for any further details on our systems highlighted in the following pages.



SENTRY FILTER CART

The Sentry is our entry level filtration cart designed for constant industrial or intermittent oil transfer use. Fitted with high quality housing and absolute rated synthetic media elements, the Sentry boasts not only a high dirt holding capacity but also simple element changeovers. Use your Sentry to ensure that oil will be clean and ready for use at anytime.

FEATURES

- /// Lightweight and portable, perfect for mobile use
- /// Up to 25 l/min flow rate
- /// Ideal for use with high viscosity oils
- /// Range of absolute rated micron rating options available
- /// Clean oil to ISO cleanliness codes of 14/12/9 - 13/11/8
- /// Rugged frame with integral drip tray
- /// All terrain castor wheels
- /// Uses standard 110 or 240 Vac mains electric
- /// Off-line contamination control

BENEFITS

- /// Rugged design
- /// Low initial consumable costs
- /// Easy to transport
- /// Simple to use
- /// Perfect for replenishing systems with filtered oil and small scale oil polishing



APPLICATIONS

- /// Automotive industry
- /// Plant Equipment Hire
- /// Steel production
- /// Paper Mills
- /// Injection Moulding
- /// Marine



ORDERING INFORMATION

Feel free to call our expert team for further application details.

SFC-3000 FILTER TROLLEY

The SFC-3000 is a rugged filtration cart designed for constant industrial or intermittent oil transfer use. With two housings fitted onto the unit, the SFC-3000 boasts not only a large dirt holding capacity but also the option of staged filtration. This staged process will reduce the frequency you need to change your elements. The dual-filter design also means that you can introduce a water removal element, giving the option to remove both solid and water contamination in a single pass.

FEATURES

- Flow rate options of either 18 l/min or 45 l/min
- High volume dirt holding capacity to deliver ISO cleanliness codes of 14/12/9 or better
- Dual 9" or 14" filter housings for continuous filtration
- Rugged frame with integral drip tray
- Easy to transport

BENEFITS

- Rugged design
- Low cost consumables available in a range of micron ratings
- Increased dirt holding capacity
- Staged filtration possibilities to reduce element change out
- Flexible filter element selection - water removal options available
- Simple element changeover
- Perfect for replenishing systems with filtered oil and end of production line flushing



APPLICATIONS

- Automotive industry
- Plant Equipment Hire
- Steel production
- Mining/Quarrying
- Injection Moulding
- Marine



ORDERING INFORMATION

Feel free to call our expert team for further application details.

DFC-3000 DRUM OIL DISPENSER & FILTER TROLLEY

The DFC 3000 is designed to carry and clean 208 litre drums of oil and is fitted with two standpipes and hoses for efficient fluid transfer. With a flow rate of 45 l/min, large volumes of oil can be cleaned and water removed quickly and efficiently.

FEATURES

- /// Portable and easy to transport - perfect for mobile use
- /// Powerful 45 L/min flow rate
- /// Low cost consumables in a range of micron ratings
- /// Water removal option available
- /// Rapid complete barrel transfer
- /// High dirt holding capacity
- /// Staged filtration to reduce element change over



APPLICATIONS

- /// Filtering the fluid in a hydraulic reservoir periodically as a supplement to continuous filtration by system filters
- /// Cleaning up your hydraulic system before restarting the system following component failure
- /// Providing clean fluid when re-filling and adding fluid to the system reservoir
- /// Reclaiming contaminated fluid
- /// Pre-filling and cleaning up hydraulic systems on new or re-built machinery and equipment.
- /// Off line contamination of hydraulic systems



ORDERING INFORMATION

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IFC-6050 INTELLIGENT FILTER TROLLEY FITTED WITH PARTICULATE AND WATER SENSORS

The IFC-6050 is an intelligent portable filtration cart. With two built-in hippo filters with a flow rate of 10 l/min (600 l/hr) for oils, combined with an intelligent laser particle counter, the IFC-6050 delivers clean and dry oils ready for use anytime.

FEATURES

- /// Flow rate rates of up to 10 l/min (600 l/hr)
- /// High volume dirt holding capacity to deliver ISO cleanliness codes of 14/12/9 and the equivalent of NAS 1638 class 5
- /// Eliminates oil from water
- /// PC9001 laser particle monitor fitted, LED display to ISO 4406
- /// Moisture monitor fitted to display water content as % saturation
- /// Various cartridge options available depending on the level of solids and/or moisture present
- /// Suitable for most oils including kerosene, turbine oils and bioethanol

BENEFITS

- /// Clean & dry oil ready for use when required
- /// Recover and re-use contaminated oils
- /// Single pass cleanliness
- /// Ideal for tank cleaning and oil recovery

WHY BUY AN IFC-6050?

Great filtration efficiency down to 3 micron and the ability to quickly find the cleanliness level of oils on-site in real-time.



APPLICATIONS

- /// Automotive industry
- /// Plant Equipment Hire
- /// Steel production
- /// Mining/Quarrying
- /// Injection Moulding
- /// Marine



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NDU-1NX - NEPTUNE DEHYDRATION UNITS

The NDU-1NX is a portable oil dehydration filter cart capable of rapidly removing both free and entrained water to under 100ppm with flow rates up to 15 l/min. By utilising Filtasorb2® (see page 103) or 1 micron absolute rated elements (see page 106), the NDU-1NX is ideal for oil dehydration and clean-up.

FEATURES

- /// Flow rate rates of up to 15 l/min (900 l/hr)
- /// High volume dirt holding capacity to deliver ISO cleanliness codes of 18/16/13
- /// Lightweight and portable, perfect for mobile and basement tank access
- /// Rugged frame with integral drip tray
- /// Uses standard 110 Vac or 240 Vac mains electric

BENEFITS

- /// Rapidly removes both free and entrained water from oil
- /// Low cost replacement filter cells
- /// Small footprint and easy to transport
- /// Single pass cleanliness

WHY BUY AN NDU-1NX?

Filtratechnik's range of oil dehydration units are perfect for returning oil contaminated with water back to health cost effectively. By utilising the revolutionary Filtasorb2®, Filtratechnik have developed a robust range of oil dehydration units that can return oil at many thousand ppm down to acceptable working levels of water content. Our Neptune range is able to remove water down to below 100ppm.



APPLICATIONS

- /// Automotive industry
- /// Plant Equipment Hire
- /// Steel production
- /// Transformer oils
- /// Injection Moulding
- /// Gearbox oils



ORDERING INFORMATION

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NDU-2NX

The NDU-2NX is a portable oil dehydration filter cart capable of rapidly removing both free and entrained water to under 100ppm with flow rates up to 25 l/min. By utilising Filtasorb2® (see page 103) or 1 micron absolute rated elements (see page 106) The NDU-2NX is very flexible for oil dehydration and clean-up.

FEATURES

- /// Flow rate rates of up to 25 l/min (1,500 l/hr)
- /// High performance Filtasorb2® inserts to achieve 100ppm or better
- /// High volume dirt holding capacity to deliver ISO cleanliness codes of 18/16/13
- /// Rugged frame with integral drip tray
- /// All terrain castor wheels for ease of manoeuvre

BENEFITS

- /// Rapidly removes both free and entrained water from oil
- /// Low cost replacement filter cells
- /// Small footprint and easy to transport
- /// Single pass cleanliness

WHY BUY AN NDU-2NX?

Filtratechnik's range of oil dehydration units are perfect for returning oil contaminated with water back to health cost effectively. By utilising the revolutionary Filtasorb2®, Filtratechnik have developed a robust range of oil dehydration units that can return oil at many thousand ppm down to acceptable working levels of water content. The NDU-2NX is able to remove water down to below 100ppm at 25 l/min.



APPLICATIONS

- /// Automotive industry
- /// Plant Equipment Hire
- /// Steel production
- /// Transformer oils
- /// Injection Moulding
- /// Gearbox oils



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NDU-3NX

The NDU-3NX is a portable oil dehydration filter cart capable of rapidly removing both free and entrained water to under 100ppm with flow rates up to 50 l/min. By utilising Filtasorb2® (see page 103) or 1 micron absolute rated elements (see page 106) The NDU-3NX is very flexible for oil dehydration and clean-up.

FEATURES

- /// Flow rate rates of up to 50 l/min (3000 l/hr)
- /// High performance Filtasorb2® inserts to achieve 100ppm or better
- /// High volume dirt holding capacity to deliver ISO cleanliness codes of 18/16/13
- /// Rugged frame with integral drip tray
- /// All terrain castor wheels for ease of manoeuvre



BENEFITS

- /// Rapidly removes both free and entrained water from oil
- /// Low cost replacement filter cells
- /// Small footprint and easy to transport
- /// Single pass cleanliness

WHY BUY AN NDU-3NX?

The NDU-3NX provides a flow rate of 50 l/min and utilises the revolutionary Filtasorb2®'s ability to remove water down to 100ppm. The NDU-3NX is a great option for oil dehydration.

APPLICATIONS

- /// Automotive industry
- /// Plant Equipment Hire
- /// Steel production
- /// Transformer oils
- /// Injection Moulding
- /// Gearbox oils



ORDERING INFORMATION

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NDU-4NX

The NDU-4NX is a transportable oil dehydration filtration unit capable of rapidly removing both free and entrained water to under 100ppm. By utilising Filtasorb2[®] (see page 103) or 1 micron absolute rated elements (page 106) The NDU-4NX is ideal for use around a plant & rugged enough to run continuously in order to clean up heavily contaminated oils.

FEATURES

- /// Flow rate rates of up to 100 l/min (6000 l/hr)
- /// High performance Filtasorb2[®] inserts to achieve 100ppm or better
- /// High volume dirt holding capacity to deliver ISO cleanliness codes of 18/16/13
- /// Rugged frame with integral drip tray
- /// All terrain castor wheels for ease of manoeuvre

BENEFITS

- /// Rapidly removes both free and entrained water from oil
- /// Low cost replacement filter cells
- /// Single pass cleanliness

WHY BUY AN NDU-4NX?

With a higher flow rate than its predecessor, the NDU-4NX utilises the revolutionary Filtasorb2[®], removing water down to under 100ppm, making it a great option for oil dehydration.



APPLICATIONS

- /// Automotive industry
- /// Plant Equipment Hire
- /// Steel production
- /// Transformer oils
- /// Injection Moulding
- /// Gearbox oils



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BESPOKE FILTRATION SYSTEMS

From concept to creation, Filtertechnik are there every step of the way finding the right solution for our customers. Our expert in-house design and build team use the latest 3D CAD system to design filtration systems and all our builds are manufactured under ISO 9001 procedures to the highest engineering standards. From cleaning hydraulic oil for earth moving machinery on the production line to servicing injection moulding machines, no matter what the flow rate, oil or application Filtertechnik will get the job done.



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FILTRATION RENTAL FLEET

Filtertechnik stock the largest filtration hire fleet in the whole of the U.K. From our 25 years experience we have brought together a versatile range of filtration solutions suitable for most oil applications. If you require rapid clean-up of particulate and water from oil look no further.

BENEFITS

- /// Rental units from 10-45 l/min are available for immediate deployment
- /// Rapidly return fluids to optimum cleanliness levels
- /// Maximise equipment performance
- /// Prevent expensive downtime
- /// Remove both solid particulate & water at the same time



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