

Intank Return Filter for hydraulic filtration



MANN+HUMMEL Intank Return Filter for hydraulic filtration

Description

Our **highly effective hydraulic oil filter portfolio** remove harmful particles from hydraulic oil thanks to their **strong separation performance** – with the aim of reducing machine and equipment wear and **downtime**, and also extending their **service life**. In this way, hydraulic oil components such as pumps, valves and cylinders are effectively protected over the long term – for high-performance and clean hydraulic oil systems.

Intank return line filters are installed in around 90 percent of all mobile hydraulic systems – making them the most important part in modern hydraulic circuits. Their task is essential for the service life and performance of devices and machines because they reduce the air content in the oil circuit. Manufacturers and end users want flexible Intank filters that are not only easy to maintain, but also space-saving and powerful.

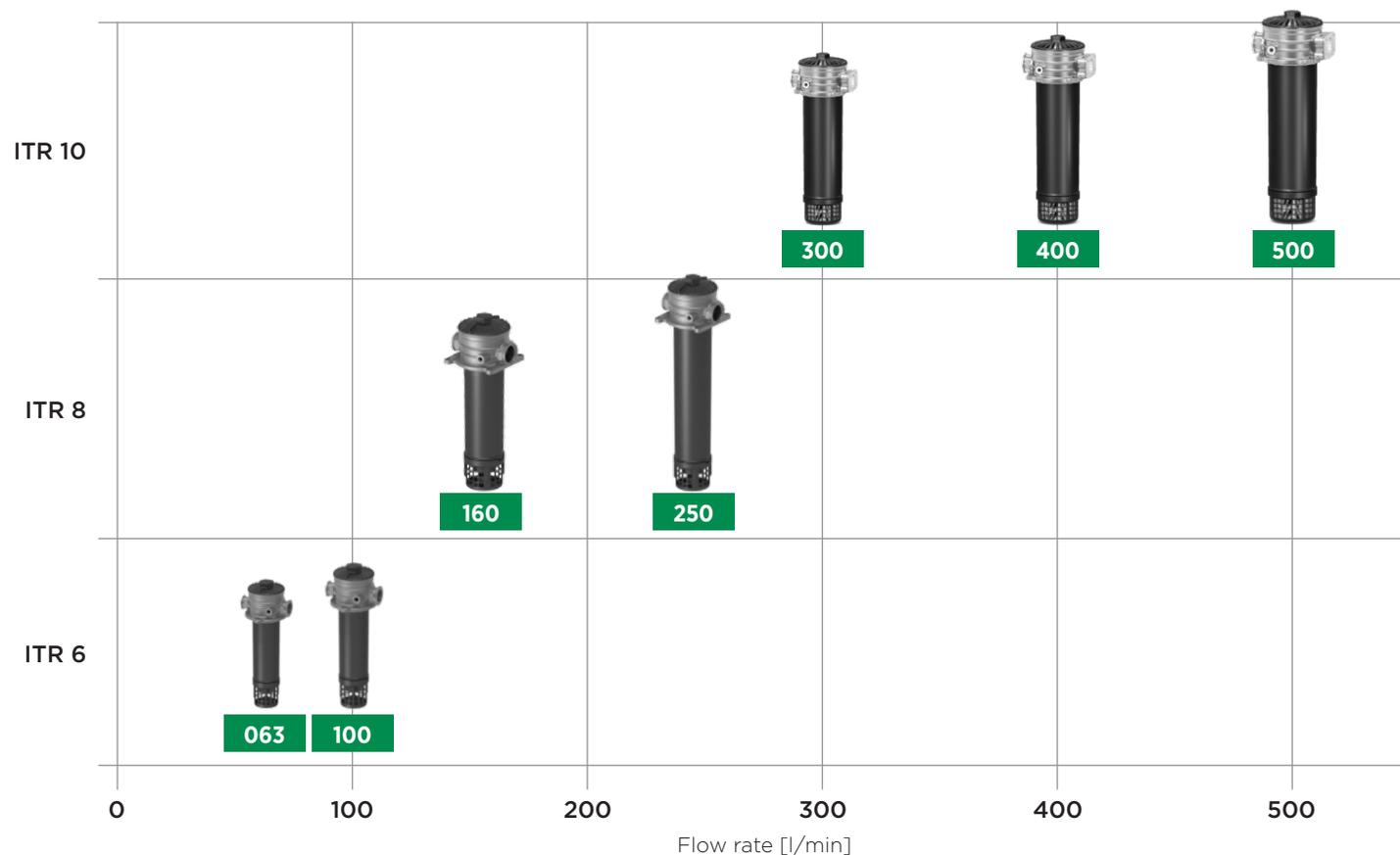
Our Intank return line filters are compact filtration solutions that are installed directly on the tank and are therefore easy to access at all times. The housing and filter element are located in the tank, which saves installation space, while the line connection is made outside the tank on the filter head.



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Technical specification

Flow rate	Up to 500 l/min at 32 cSt
Working pressure	≤ 10 bar
Filtration efficiency	5 / 10 / 15 / 20 μm at βx=200
By-Pass valve	1.5 / 2.5 / 3.5 bar
Temperature range	-30°C up to 100°C
Hydraulic fluids	Mineral oil based, class I, II, III (others on request)
Service switch option	✓
Extension pipe option	✓
Diffusor option	✓





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Open the website for more information about our hydraulic oil filter portfolio.



Watch the video of our hydraulic oil filter portfolio.