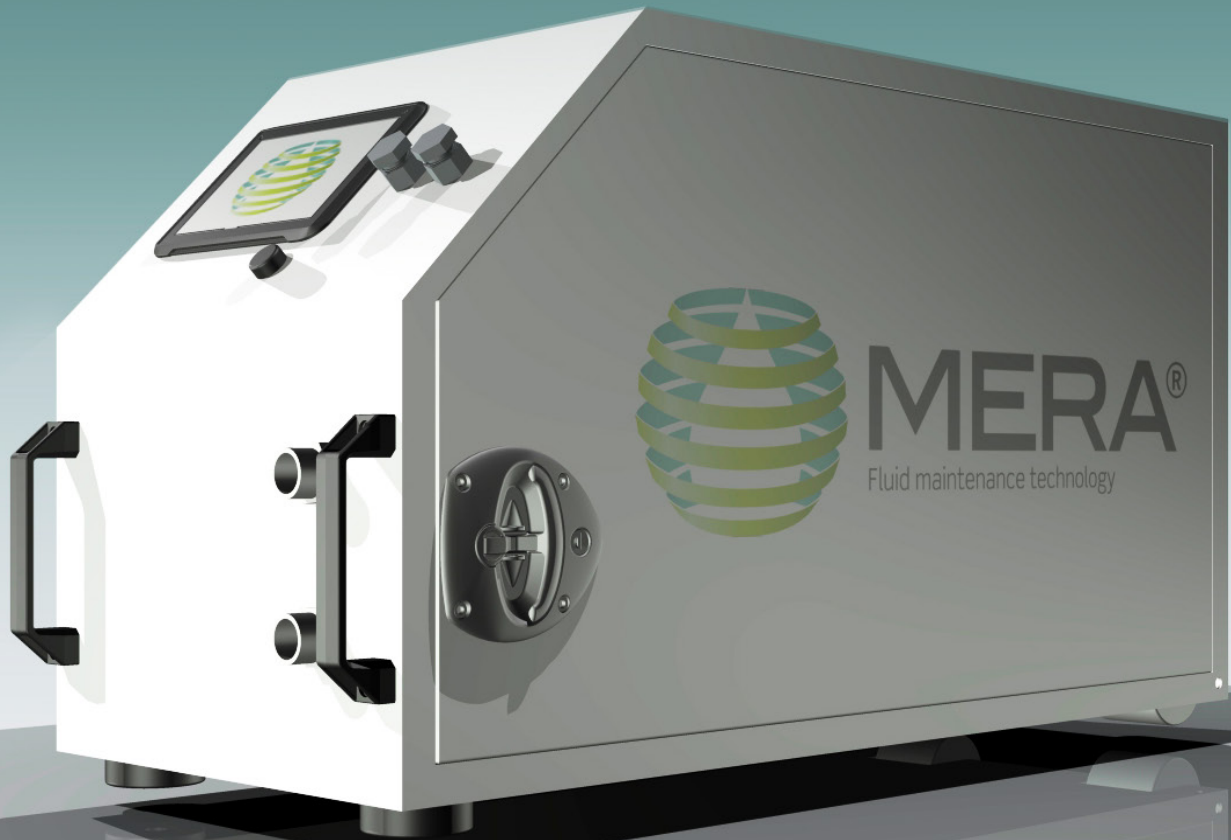




**MERA®**  
Fluid maintenance technology

# iPACK™

Series filtering units  
for hydraulic and gear  
systems



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**MERA®**  
Fluid maintenance technology

# iPACK™ BASIC

Fully instrumented filter cart for maintenance of hydraulic and gear oils. **iPACK™BASIC** gives the user an easy to use tool for filtration and transfer/filling tasks.

Removes both particle contamination and water. Rigid and durable construction, requires minimum of operator time and maintenance due to its high degree of instrumentation.

## **BENEFITS:**

- Easy tie-in to all systems
- Intuitive touch operator panel
- Alarm functions/history
- For use on different systems, loop flush program
- Longlife components
- Single phase 16A supply
- High flow range





**MERA**<sup>®</sup>  
Fluid maintenance technology

# iPACK<sup>TM</sup> PRO

Same features and benefits as the basic version but with the addition of **sensor hardware to autonomously maintain a preset cleanliness level.**

iPACK<sup>TM</sup>PRO makes sure that the cleanliness specification is within specified limits. Ideal as a commissioning tool for new and refurbished oil filled systems.

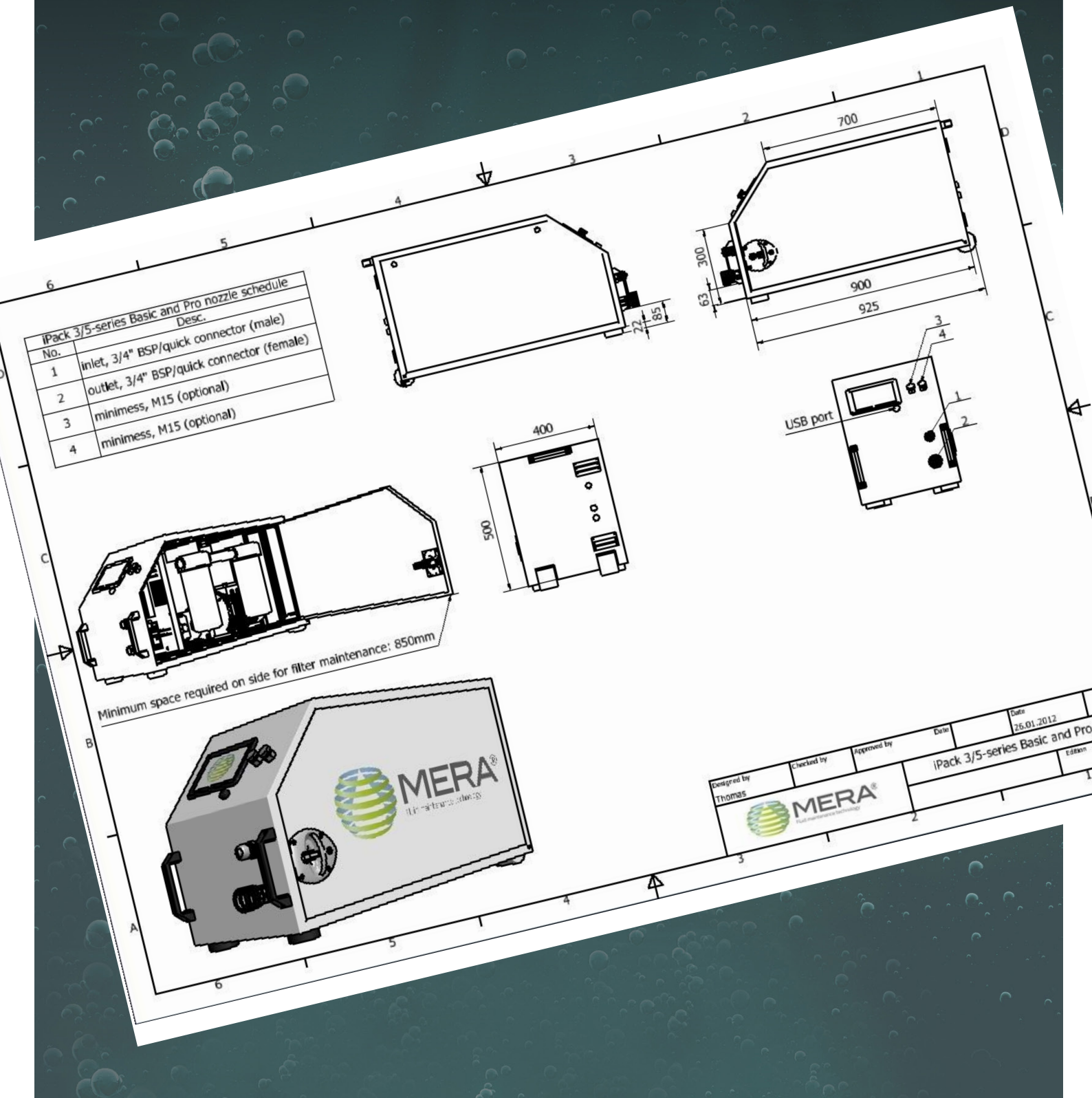
## **BENEFITS:**

- **Autonomous operation**
- Easy tie-in to all systems
- Intuitive touch operator panel
- Alarm functions/history
- For use on different systems, loop flush program
- Longlife components
- Single phase 16A supply
- High flow range





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Technical data	Specification	Solution Benefits
<ul style="list-style-type: none"> <li>- Supply</li> <li>- Dimensions</li> <li>- Weight</li> <li>- Pressure rating</li> <li>- Model/Fluid handling capacity</li> </ul>	<ul style="list-style-type: none"> <li>- 110-220v/50-60Hz/16 amps</li> <li>- LxWxH: 900x400x500 (mm)</li> <li>- Weight: 40-55 kg (300-500)</li> <li>- 11 bar</li> <li>- Item: 300-15l/min</li> <li>- Item: 500-50l/min</li> </ul>	Rigid structure, small volume, easy handling & integration
Mechanical tie-in (IO's)	¾" all thread standards adaptable or quick connectors	Applicable to all HPU's/Powerpacks make.
User Interface	Local & Central control via high resolution touch based HMI.	Intuitive touch HMI to monitor unit condition and operation of iPack.
HPU/Main system	Programmable presets available on a condition based maintenance interval (PRO) or a time based maintenance interval (BASIC).	Operator time drastically reduced.
iPACK monitoring	All internal systems with status indication and diagnostic feature	As a subsystem, iPACK, requires a minimum of operator resources and maintenance.
Fluid maintenance function, <NAS 6 or eqv in ISO	Particle filtration range : 3-12µm @ β1000 (all composite materials) Water absorbing: yes Serial configuration with full dP monitoring. Select item 300 for reservoir volumes up to 3000 litres Select item 500 for reservoir volumes from 3000 litres	No risk of filter media ingress to system due to mechanical and electrical dP fail-safe feature. Pump has pre-set over by-pass to act as crossover even when system is pressurized. Also electronic pressure monitoring. Drive control benefits are linked to a high degree of flow control, thus solving viscosity issues. Outstanding flow capacity
Order selector	Item nr: 100945 – Descr: iPack Basic 300 Item nr: 100946 – Descr: iPack Basic 500 Item nr: 100947 – Descr: iPack Pro 300 Item nr: 100948 – Descr: iPack Pro 500	

