

HYDRIVE Series Hydraulic Cooler, the Mouvex solution

The **Hydrive** is used on Hydraulic drive for pumps and compressors, it integrates 3 functions :

- Oil tank
- Oil cooler
- Security relief valve

UNIQUE DESIGN

- Compact size allows for easy installation on tractors and trucks with minimal space on chassis rails. The compact design with a low noise level centrifugal fan provides maximum performance and heat dissipation up to 13.5HP (10kW) on 2010 models and 26 HP (20kW) on 2020 models.

BUILT FOR PERFORMANCE

- Constructed from stainless steel materials to withstand the harsh environmental and operation conditions. The light weight cooler with a small hydraulic oil reservoir, reduces the concern and hazard of costly spills.

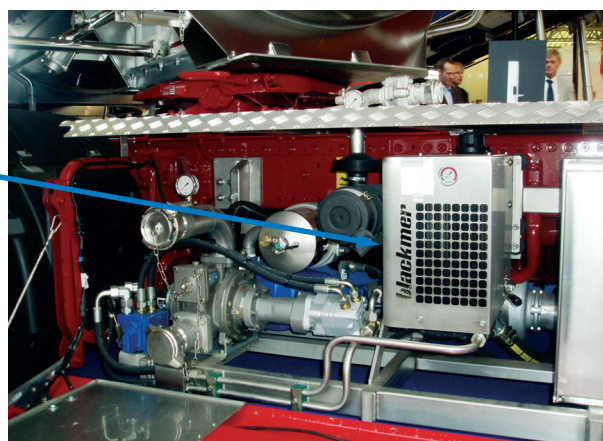
MAINTENANCE FRIENDLY

- The easy to read restriction gauge mounted on the front of the Hydrive indicates when the spin-on oil filter should be replaced. Normal hydraulic oil maintenance is made easy with the reservoir drain on the Hydrive tank.

OPTIONS AND ACCESSORIES

- Optional Control Valve on 2010 Models
- Complete Hydraulic System Packages
- Hydraulic motor Adapters for Mouvex-Blackmer Pumps

Up to 190 l/mn and 270 bar



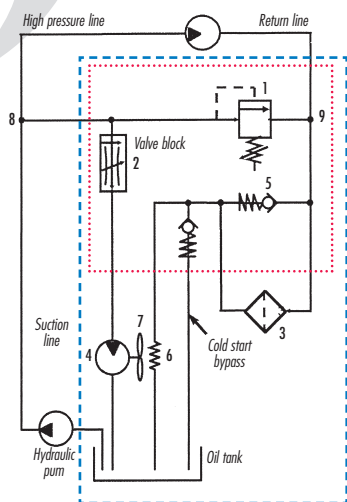
• Fitting under the frame



• Fitting on the frame

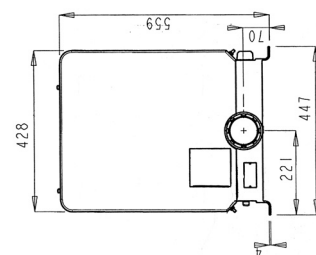
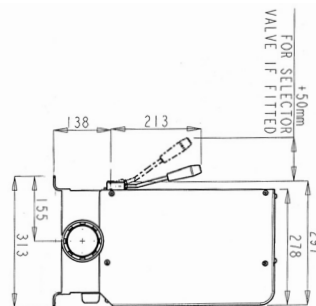
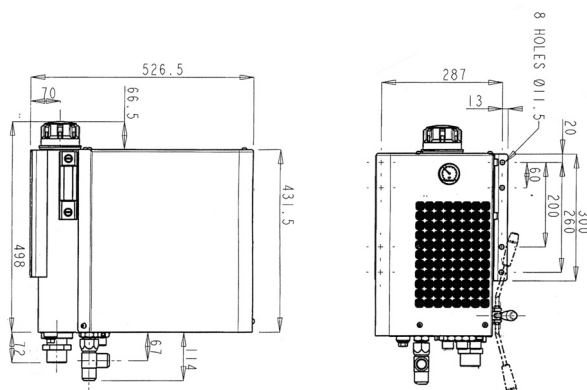
Hydrive 2010

Operations Parameters		
Oil Flow Rate	15 - 26 US	55 - 120 l/min
Relief valve pressure, 2 possibilities	set to 2465 PSI	set to 170 BAR
	set to 5639 PSI	set to 270 BAR
Fan Speed	2800 RPM	
Return Pressure	15 - 75 PSI	1 - 5 BAR
Heat Dissipation	13,5 HP for 70° F Temp. Rise	10 kW for 40° C Temp. Rise
Fan Motor Flow	1.5 US GPM	5,5 l/min
Weight (dry)	53 lbs	24 kg
Oil Tank Capacity	2.5 US Gallons	10 Liters



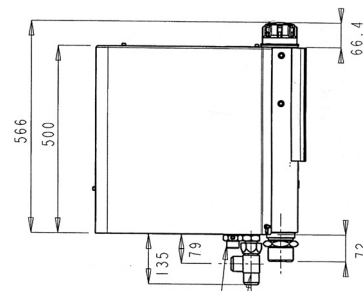
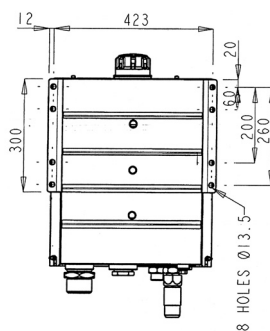
1. Adjustable relief valve
2. Fan speed control valve
3. Return line filter
4. Fan motor
5. Filter by-pass valve
6. Oil cooler radiator
7. Fan
8. System pressure gauge point (not accessible for the 2010)
9. Return pressure gauge point

— — — — — Hydrive
 Valve block



Hydrive 2020

Operations Parameters		
Oil Flow Rate	15 - 50 US GPM	55 - 190 l/min
Circuit Pressure	750 - 4400 PSI	50 - 300 BAR
Fan Speed	2800 RPM	
Return Pressure	15 - 75 PSI	1 - 5 BAR
Heat Dissipation	26 HP for 70° F Temp. Rise	20 kW for 40° C Temp. Rise
Fan Motor Flow	2.2 US GPM	8,2 l/min
Weight (dry)	77 lbs	35 kg
Oil Tank Capacity	4.5 US Gallons	17 Liters



SALES INFORMATION AND EQUIPMENT APPLICATION ASSISTANCE

- Mouvex has a world wide distribution network to assist you in specifying any of our family of pumps, compressors and other equipment for your application.
- For more information or to find the distributor nearest to you, please contact us as the telephone, fax or internet address listed below.

Mouvex reserves the right to modify the information and illustrations contained in this document without prior notice. This is a not-contractual document. 09/2010



ZI la Plaine des Isles
 rue des Caillottes
 89000 AUXERRE - FRANCE
 Tél : + 33.3.86.49.86.30
 Fax + 33.3.86.46.42.10
 contact@mouvex.com

www.mouvex.com



Distributed by :