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# IDROFOGLIA MK50-150-SP SELF- PRIMING CENTRIFUGAL PUMP WITH ROAD TRAILER

## Product description:

IDROFOGLIA MK50-150-SP SELF-PRIMING MOTORPUMP WITH ROAD TOWING TROLLEY

IDROFOGLIA MK50-150-SP is a self-priming centrifugal motorpump used for land drainage and any other water and bentonite sludge handling operations.

Water pumping with sand or gravel is possible thanks to the robustness of the hydraulics and the wide passage of solids.

IDROFOGLIA MK50-150-SP is equipped with Elcos CEP 090 control unit, with engine protection for insufficient oil pressure, overtemperature, belt breakage (lack of battery recharge), minimum fuel level. Starting by key. On-screen display of hour meter, rev counter, fuel level, battery voltmeter.

The motorpump IDROFOGLIA MK50-150-SP is mounted on a road trolley that allows its safe transport.

IDROFOGLIA MK50-150-SP is composed of:

Kohler engine mod. 2504M + Mill.ar self-priming pump with 6" / Ø150 ports

SEL0001136 ACC. MTA LIFTING BRIDGE WITH ROOF (T3-T3A)

SEL0001098 FERRARI M-UNION WITH FLANGE Ø150x6"

HOMOLOGATED ROAD TROLLEY UK1800

SEL0001098 SELF-PRIMING MOTORPUMP

Suction diameter: Ø 150 ( 6")

Diameter discharge: Ø 150 (6")

Maximum flow rate: 5. 400 lt/min

Maximum head: 38 mt





Maximum suction: -8 m  
Solids passage: 76 mm  
Power consumption: 22 kW (29.9 hp)  
Rotation speed: 1. 800 rpm  
Impeller diameter: 256 mm  
Impeller blades: Nr. 3

Motorpump body: Grey cast iron EN JGL 250  
Impeller: Spheroidal cast iron  
Wear plates: Spheroidal cast iron  
Mechanical seal: Widia  
Impeller shaft: Steel [39 NcD4]  
Coupling: Elastic coupling  
Liquid temperature: 55 °C  
Liquid density: 1.250 kg/m<sup>3</sup>

#### DIESEL ENGINE

Manufacturer: Kohler 2504 M  
Displacement: 2.482 cc  
Power: 36,4 kW (49,5 hp)  
Number of cylinders: 4  
Cooling: Liquid  
Max speed: 2.600 rpm  
Max consumption: 10,02 lt/h  
Fuel tank capacity: 150 lt

Are you looking for a motorpump with different characteristics? Here you can find the entire range of IDROFOGLIA or other brands specializing in the field.

Images and technical data are not binding and may be subject to revision by the supplier.

#### Product features:

Fuel: Diesel  
Engine: Kohler KDI 2504 M  
Emissions Regulations: STAGE III A  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 2482  
Number cylinders: 4  
Cooling: Coolant Liquid  
Pump type: High flow rate pump  
Fluid type: Dirty water  
Height of suction (m): 8





Maximum output capacity (Lt/min): 5400  
Input power (W): 22  
Main body material: Cast iron EN JGL 250  
Number of wheels: 2  
Inlet diameter thread type (mm/inches): Ø 150 / 6"  
Outlet diameter thread type (mm/inches): Ø 150 / 6"  
Debris size capacity (mm): 76  
Total head (m): 38  
Mechanical power (hp): 49.5  
Transportability: Fast Trailer  
Fuel tank capacity (L): 150  
Consumption (L/h): 10  
Running time (h): 15 at 100% of the load  
Engine manufacturer: Kohler