



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

Reference: MK50-150/SP TS

### 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.

## Technical Sheet

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