



Firefly Fire Pumps Pvt. Ltd.

C-7, M.I.D.C. Gokul Shirgoan
Kolhapur - 416 234 [M. S.] INDIA.
Tel. No. : +91-231-2671527, 2672359.
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TECHNICAL DATA SHEET FOR MFS-LP-2270

1. ENGINE:

The pump is driven by a close coupled TATA 497 Turbo Diesel Engine or equivalent engine.

The engine is supplied complete with:

Alternator	Radiator	Starter motor
12v battery	Oil filter	Fuel filter
Oil cooler	Cooling fan	Exhaust silencer
Air cleaner	Heat Exchanger	

Fuel tank capacity for more than 3 hours running as standard.

2. PUMP:

❖ Rated Performance: - *

Discharge (lpm)	Pressure (bar)	Power kw / hp	RPM
2270	7	41 / 55	2450
2400	7	44.7 / 60	2550

- ❖ Suction Inlet : - 100 mm
- ❖ Priming: - Priming is provided by the well proven Firefly Primatic primer, giving fully automatic operation.
- ❖ Priming Performance Range : - up to 8 meters
- ❖ Recommended Priming Speed:- 100 rpm to 2500 rpm
- ❖ Discharge Couplings: - 2 x 2.5" instantaneous screw down delivery outlets.
- ❖ The shaft is supported by two sealed ball bearings. Shaft sealing is by the well known Firefly automatic mechanical seal incorporating a carbon seal running on a stainless steel counter face. The mechanical seal is pre-loaded and requires no maintenance or attention during its life.



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❖ Material Specifications: -

Part Name	Material
Pump Shaft	Stainless Steel
Impeller	Aluminum (LM 25) Gunmetal (IS:318 Gr. II)
Volute Casing	Aluminum (LM 25) Gunmetal (IS:318 Gr. II)
Renewable Wear Rings	Gunmetal / Stainless Steel

3. INSTRUMENTS: -

A comprehensive illuminated weatherproof control and instrument panel is fitted in a convenient position close to the pump and includes the following:

- Pump pressure gauge
- Pump suction compound gauge
- Panel light
- Engine water temperature gauge
- Engine oil pressure gauge
- Battery condition meter
- Fuel contents gauge
- Tachometer (Optional)
- Panel light switch
- Throttle control
- Stop control
- Starter button
- Engine and pump operating instruction plate



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4. FOUNDATION & BASE FRAME: -

The pump and engine combination is supported on anti-vibration mounts to cut down noise and vibration. The complete unit is mounted on a substantial base frame, which is provided with slots for fork truck lifting. Eight mounting holes are drilled in the base to allow permanent fixing. The fuel tank and battery are accommodated in the base frame.

* The right of technical modifications & improvement without prior notice is reserved.

*The Performance data stated above is observed at test conditions (3.0 meters suction lift at NTP conditions).

*For capacities other than stated above, please contact technical department.