



INSTRUCTIONS MANUAL

Electric barrel pump

FP60



Please read this manual before using the product and follow the instructions it contains!

GENERAL

Foreword	3
Safety instructions	3
Technical data	3
Overview of the main components	4
Operating instructions	4

MAINTENANCE

Regular inspections	5
Troubleshooting	5
Service & contact	5
EU Declaration of Conformity	6

FOREWORD

Congratulations on the purchase of your new electric barrel pump FP60. The oil pump has been manufactured from high quality materials, specially designed for durable and reliable use. For your own safety and for the correct operation of the barrel pump, be sure to read and follow these operating instructions before using the pump.

Keep these operating instructions. Check the FP60 for transport damage. Damaged barrel pumps must not be put into use.

The oil pump is used to pump out tanks, barrels and other containers. Improper handling may result in injury or damage to the machine. The liability for damage resulting from improper use of the device or failure to observe the specifications and rules of conduct contained in this operating manual is excluded. The operator / user must ensure the correct use of the barrel pump by trained and authorized personnel.

SAFETY INSTRUCTIONS

- Only allow authorized and trained personnel to use the barrel pump.
- Keep the operating instructions within easy reach at the place of use.
- Do not operate the barrel pump without liquid. The pump will be damaged if it runs dry.
- Fix the flexible hose when operating the barrel pump. The recoil could cause injuries.
- Be sure to stay with the pump during operation and do not block the trigger.
- Hold the barrel pump with both hands when starting it.
- Collect oil, fuel and other environmentally hazardous liquids in suitable containers. Water-polluting substances must not get into the groundwater or other bodies of water.
- The temperature range of the pumped liquid is between 14 °F - 104 °F.
- Only use the device when it is in perfect technical condition. Malfunctions that impair safety must be eliminated immediately.
- Do not pump any liquids with a flash point below 131 °F. Operation with highly flammable fuels can cause explosions.
- Do not make any changes or modifications to the unit without the manufacturer's authorization.
- Have the device repaired by qualified personnel only.
- Modifications and changes to the device not approved by the manufacturer will void the warranty.

TECHNICAL DATA

Type	Unit	Value
Model		FP60
Length	"	45.28
Width	"	3.94
Height	"	9.84
Length Tube	"	36.22
Length Hose	"	78.74
Length Cable	"	59.06
Weight	lbs	6.15
Tube Diameter	"	1.69
Hose Diameter	"	1.34
Diameter Hose Connection	"	0.79 - 1.26
Material Pumping Unit		Steel / Copper
Hose Material		Steel Wire Reinforced PVC
Material Tube		Aluminium
Current Voltage	V	110
Rated Power	W	880
Mains Frequency	Hz	60
Pump Power	gal/min	15.85
Synchronous Speed	rpm	5,000 - 10,000

OVERVIEW OF THE MAIN COMPONENTS



No.	Designation
1	Suction tube
2	Hose spigot
3	Housing
4	Suction adjustment
5	Handle
6	Trigger
7	Seal
8	Exhaust air

OPERATING INSTRUCTIONS



Check the FP60 barrel pump for transport damage. Damaged barrel pumps must not be put into use under any circumstances.

PUMPING OUT CONTAINERS

1. Plug the barrel pump into a suitable 110 V / 60 Hz socket. Do not use an extension cord.
2. Set the desired suction power on the rear wheel.
3. Open the container to be pumped out and provide a collection container.
4. Hold the aluminum tube as vertically as possible into the full container.
5. The container to be emptied must stand higher than the container into which the liquid will flow.
6. When the tube is in the liquid, hold the trigger until the desired amount of liquid has been siphoned.
7. When the tank is empty, immediately stop operation of the unit. Do not allow the unit to run empty.



Avoid dry running, as this will damage the rotary shaft seal and possibly destroy it. Due to the fact that no vacuum is created at the tube inlet, a residual amount of 1 L of liquid always remains in the container to be emptied.

REGULAR INSPECTIONS

- The FP60 barrel pump is designed to require little care and maintenance.
- Regularly check the pump housing, the hose and the hose spigot to prevent environmental damage.
- If the hose shows cracks or leaks, replace it.

The respective inspection points (plus equipment identification) for the periodic inspections/thorough examinations are to be checked in an integrated manner in the associated inspection report of the lifting equipment.

TROUBLESHOOTING

Problem	Cause	Solution
The barrel pump does not suction	The power supply was interrupted	Check the cable and the plug of the device
	The motor has been damaged	Contact the customer service
Liquid leaks out	The hose is leaking	Check the hose and replace it
	The pipe seal has been damaged	Seal the component again. Contact customer service
	The pump was damaged	Call the customer service

SERVICE & CONTACT

Contact our product experts and find help and solutions for your product. Here you will find all contact information listed by country and language: www.topregal.us/en-us/service

Responsible for the content:
 TOPREGAL US Corp.
 729 North Route 83, Suite 309
 Bensenville, IL 60106
 United States of America
www.topregal.us

EU Declaration of Conformity

The manufacturer

**TOPREGAL US Corp.
729 North Route 83
Suite 309
60106 Bensenville, IL
USA**

hereby declares that the following product

Product designation:

**TecMaschin
Electric barrel pump**

Type:

FP60

Serial number:

FP60-1000000000-FP60-9999999999

complies with all relevant provisions of the applicable legal regulations (hereinafter) - including their amendments in force at the time of the declaration. The sole responsibility for issuing this declaration of conformity lies with the manufacturer. This declaration refers only to the machine in the condition in which it was placed on the market; parts and / or interventions subsequently fitted by the end user are not taken into account.

Conforms to the provisions of the following European directives:

2014/35/EU Low voltage directive

Conforms to the provisions of the following standards:

EN 60204-1

Name and address of the person who is authorized, compile the technical documentation:

TOPREGAL US Corp.
729 North Route 83
Suite 309
60106 Bensenville, IL
USA



Place: Bensenville
Date: 05-11-2021

Juergen Effner
Chief Executive Officer

TECMASCHIN