



OPERATING INSTRUCTIONS

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	4
Overview of main components	5
Operating instructions	6

MAINTENANCE & WARRANTY

Regular inspections	6
Troubleshooting	6
Warranty	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. TecMaschin is not liable for any damage resulting from the improper use of the FP60, or from disregarding the specifications and rules of conduct in this operating manual. The operator / user must ensure the correct use of the barrel pump by trained and authorized personnel.

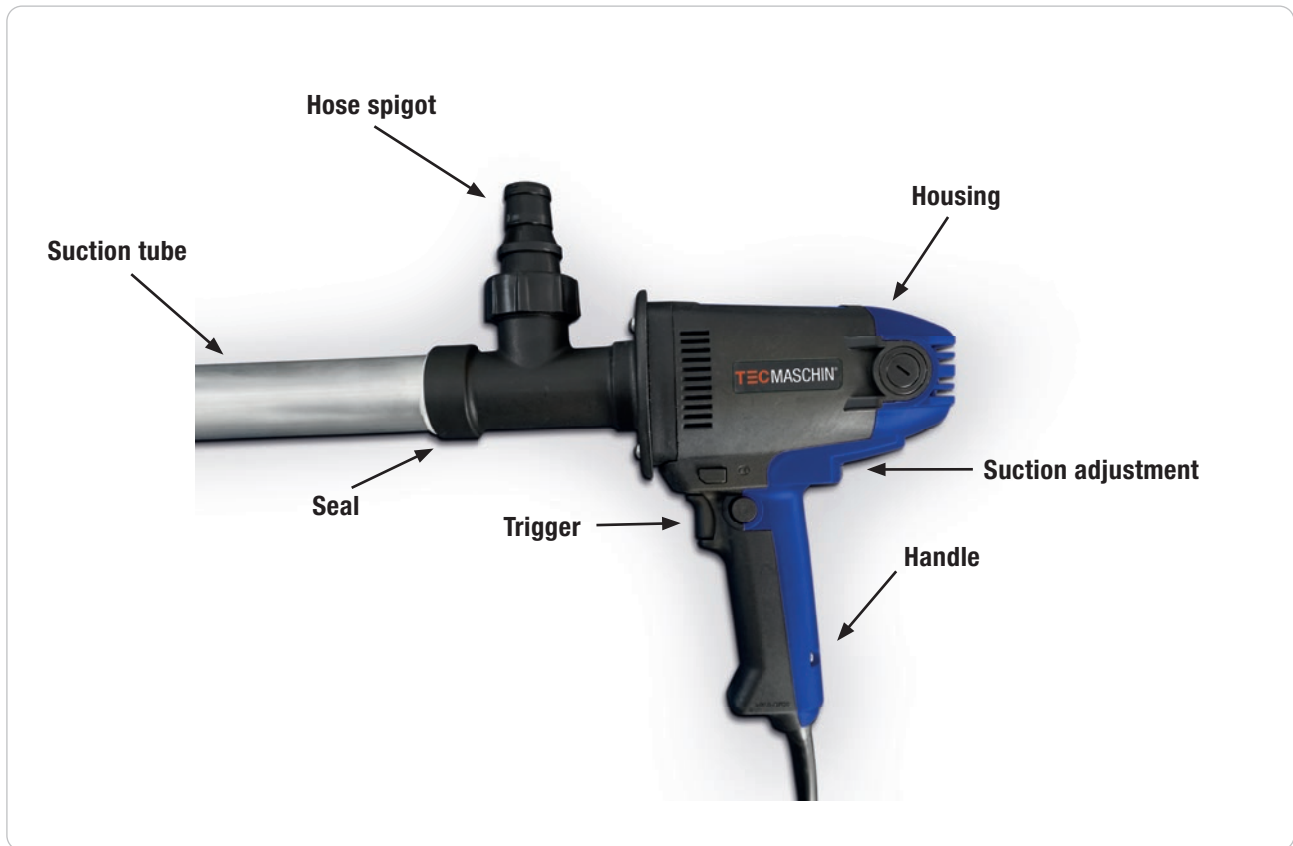
SAFETY INSTRUCTIONS

- 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 -10 °C and +40 °C.
- 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 55 °C. Operation with highly flammable fuels can cause explosions.
- Do not make any changes or modifications to the unit without the manufacturer's authorization. Unauthorized changes will void the warranty.
- 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
Color		RAL5005
Length	mm	1150
Width	mm	100
Height	mm	250
Length tube	mm	920
Length hose	mm	2000
Length cable	mm	1500
Weight	kg	2,79
Tube diameter	mm	43
Hose diameter	mm	34
Diameter hose connection	mm	20 - 32
Material pumping unit		Steel / Copper
Hose material		Steel wire reinforced PVC
Material tube		Aluminium
Current voltage	V	220
Rated power	W	880
Mains frequency	Hz	50
Pump power	l/min	60
Synchronous speed	r/min	5000 - 10000

OVERVIEW OF THE MAIN COMPONENTS



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 220 V / 50 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.

TROUBLESHOOTING

Problem	Cause	Solution
The barrel pump does not prime	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

WARRANTY

The warranty of one year from the date of invoice covers material, manufacturing and construction defects. Damages, which are due to natural wear and tear, improper handling or unauthorized modification are not covered by the warranty.

UKCA Declaration of Conformity

The manufacturer

TOPREGAL UK Ltd.
Carlton Drive Crumlin
Gwent NP11 4EA

hereby declares that the following product

Product name:

TecMaschin
Strapping tool for steel strap

Type:

FP60

Serial number:

FP60-1000000000 - FP60-9999999999

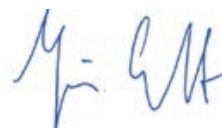
that the equipment is in conformity with the following relevant UK legislations and applied standards:

2014/35/EU Low voltage directive

EN 60204-1

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

TOPREGAL UK Ltd.
Carlton Drive Crumlin
Gwent NP11 4EA



Place: Crumlin UK
Date: 11.05.2021

Juergen Effner
Chief Executive Officer

TECMASCHIN