

ZYB Series Electric Oil Pump

Manual · 1 Instruction

CE



Application

The ZYB series oil pump is used for pumping light oils such as diesel or kerosene for vehicles, construction sites, farms and outside applications or other for other fuel powered equipment. this series oil pump uses an electric motor, vane oil pump, flow meter and a computation meter. It is convenient, reliable, easy to operate and simple to maintain. It displays the amount of fuel pumped per job and has a total lifetime of service count. the manual wheel is used to zero out each pumping job.

Remark: This oil pump is intended for non-commercial use.

Technical Parameter

Model	ZYB-40	ZYB-60	ZYB-80
Pump flowrate	(20-40) L/min	(20-60) L/min	(20-80) L/min
Meter flowrate	(20-120) L/min	(20-120) L/min	(20-120) L/min
Voltage	DC12V DC24V AC220V 50Hz	AC220V ± 10% 50Hz/60Hz AC110V±10% 60Hz	AC220V ± 10% 50Hz/60Hz AC110V±10% 60Hz
Max working pressure	3Bar	3Bar	3Bar
Meter Accuracy	±1%	±1%	±1%
Motor Parameter	Power: 0.15kw Turn Speed: 2800r/min	Power: 0.375kw Turn Speed: 2800r/min	Power: 0.55kw Turn Speed: 1400r/min
In-out	In BSP3/4" Out BSP3/4"	In BSP1" Out BSP1"	
Digit	4 Digit,Max.9999.9 Liter,8 Digit Accumulated		

Environment condition

- Temperature: -25 °C- + 55 °C
- Relative Humidity : 30%-90%
- High atmospheric pressure : 86Kpa-106Kpa

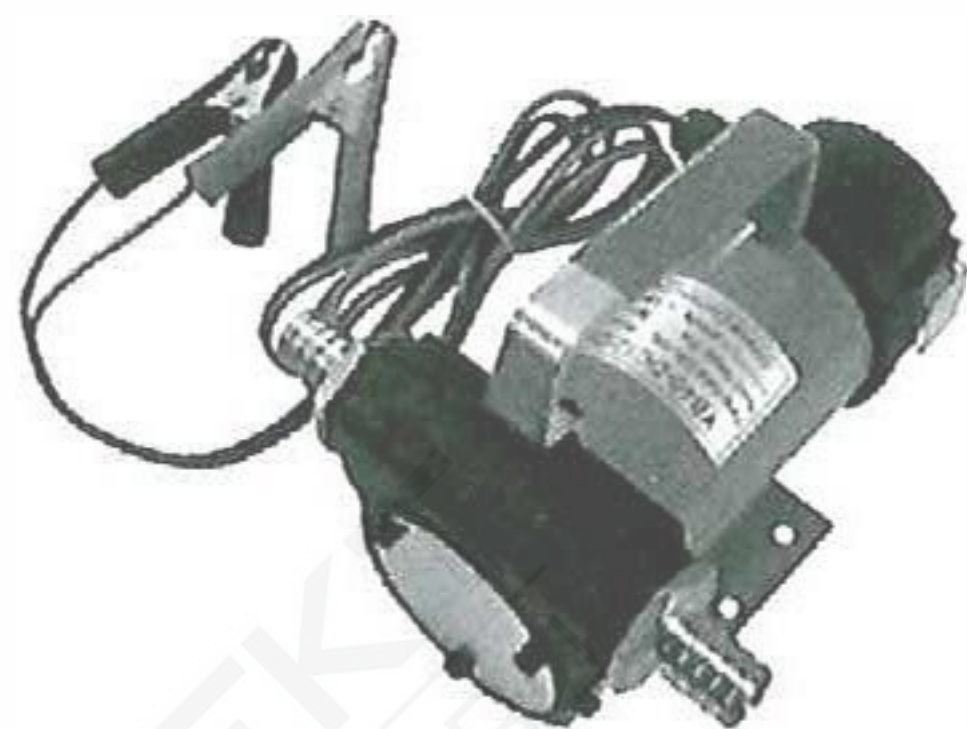
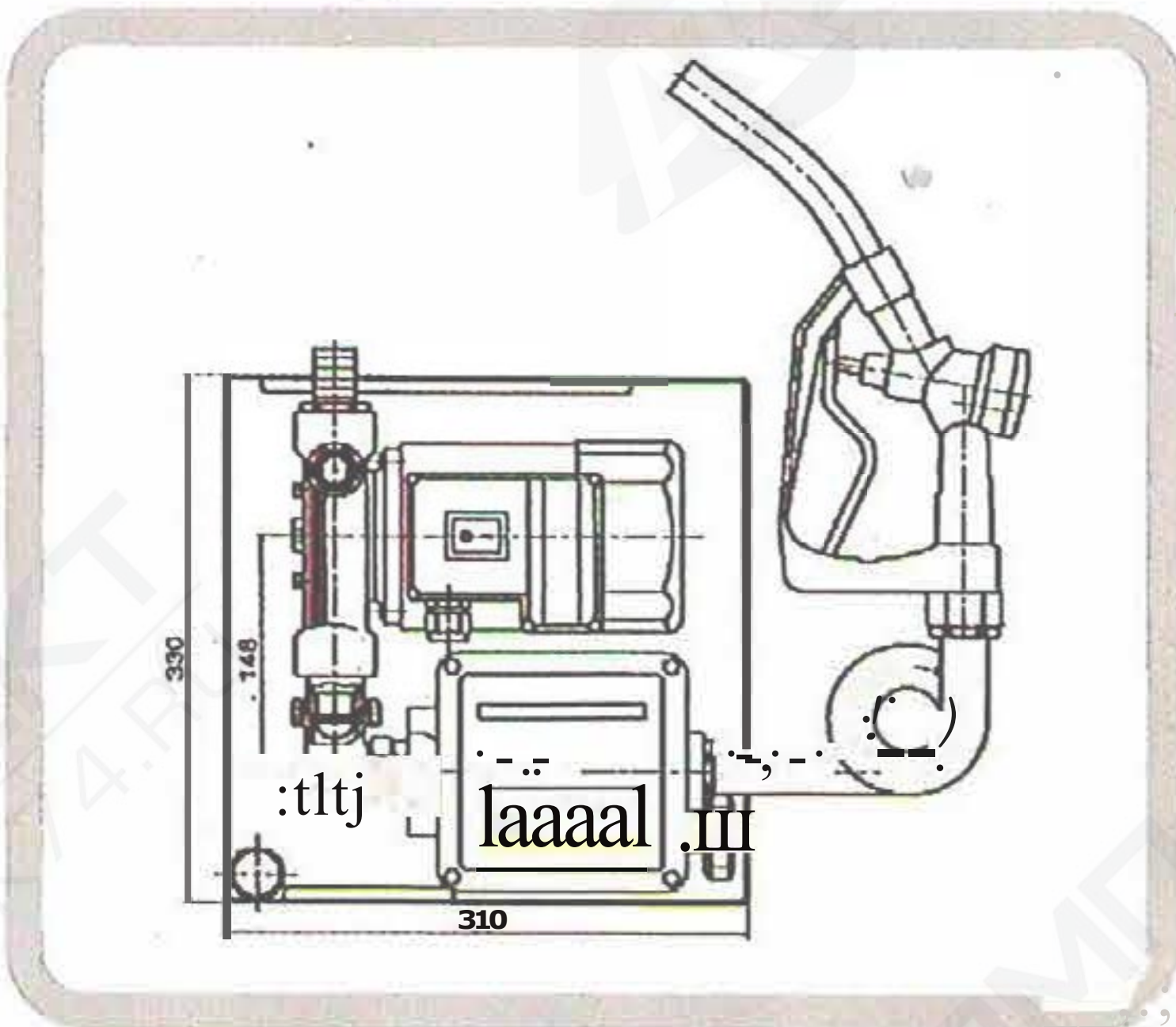
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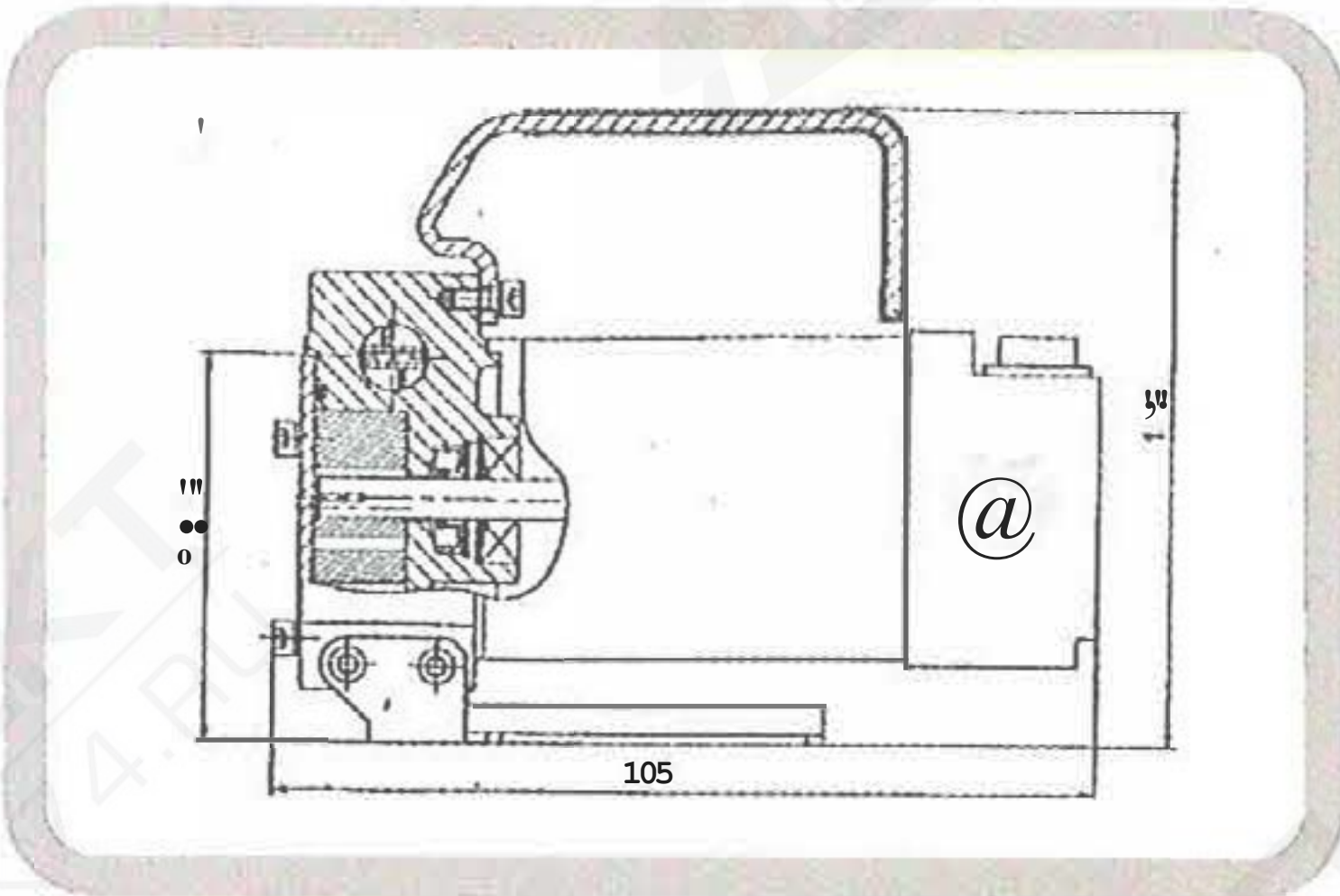
ZYB-40

ZYB-60

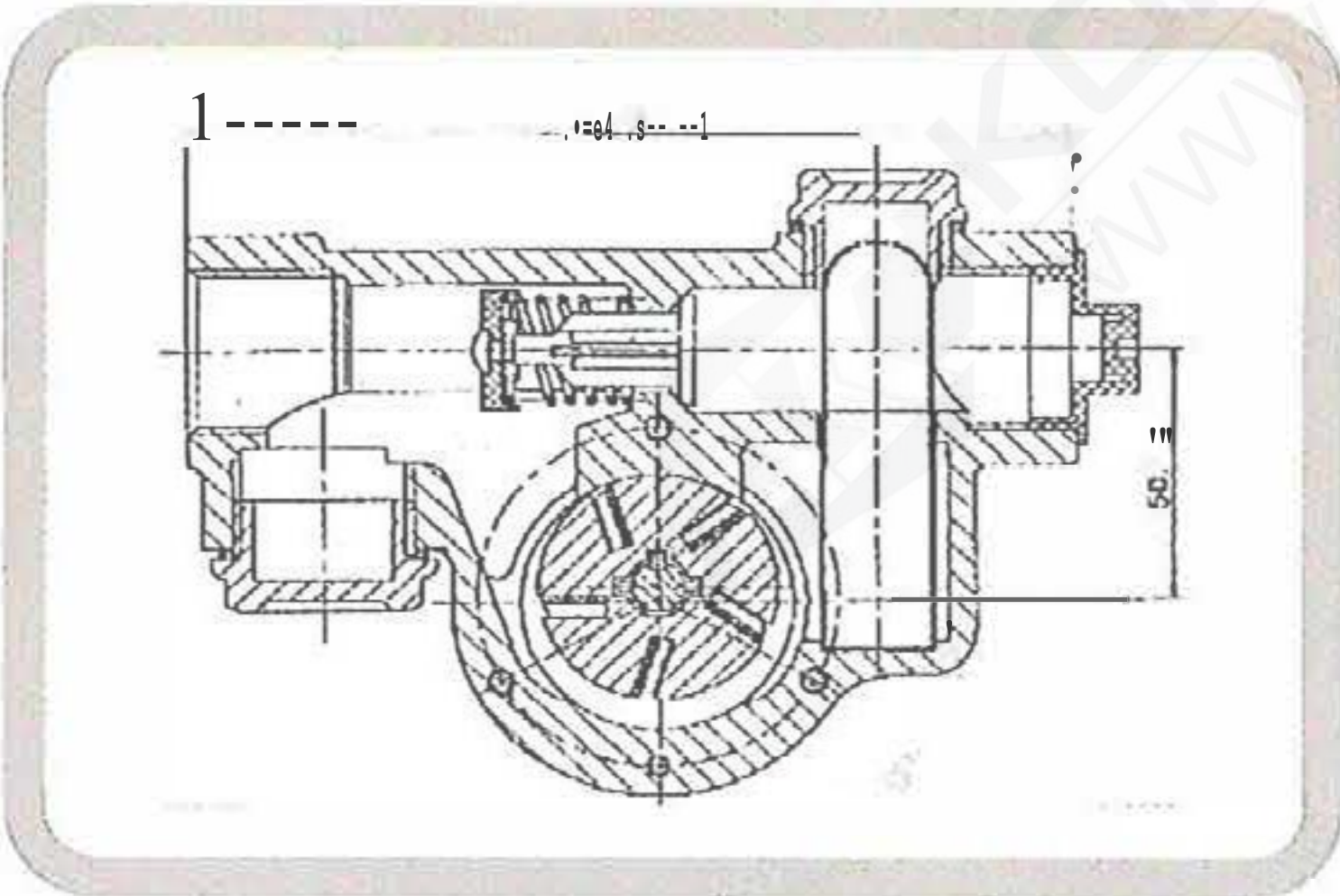
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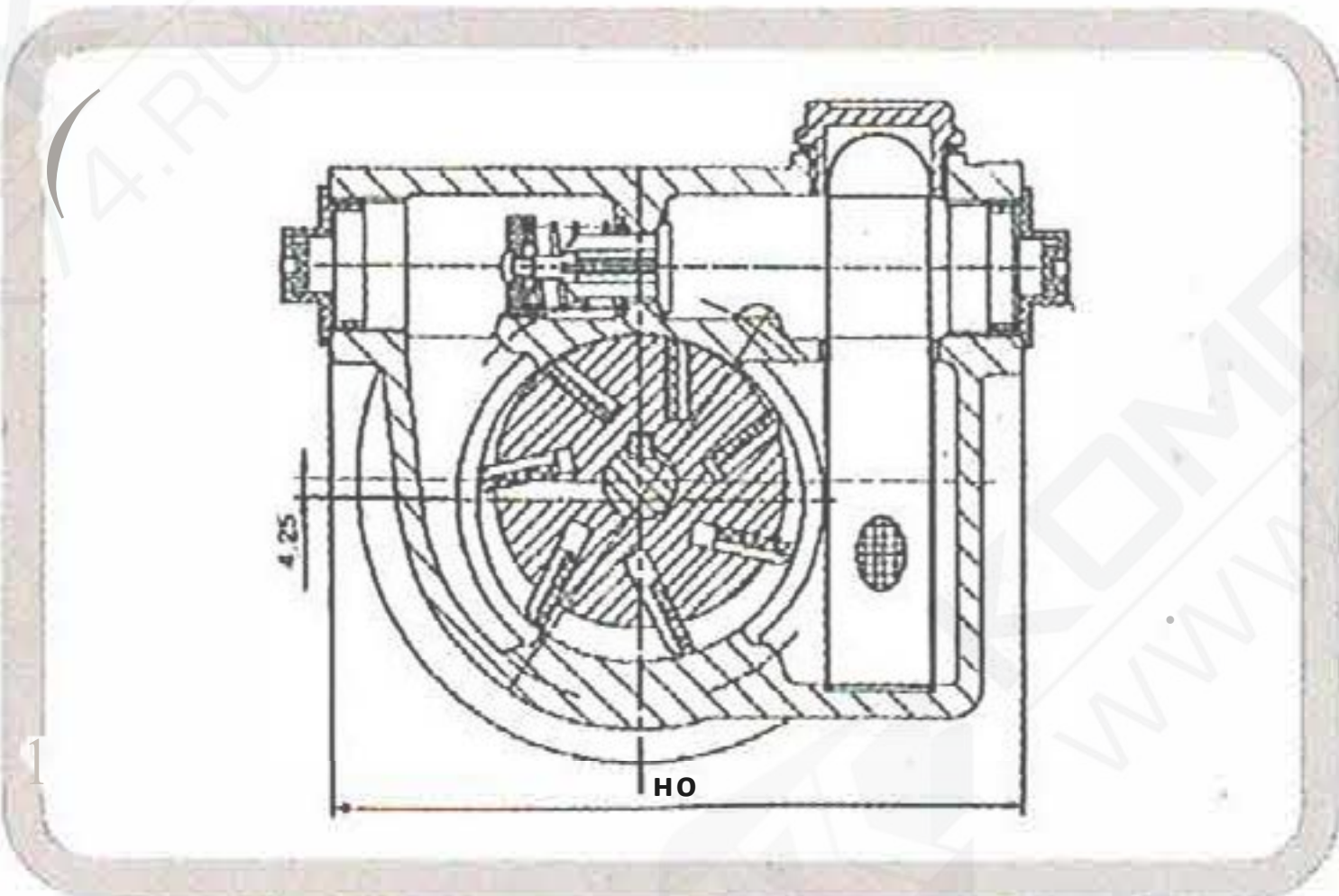
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YB-60

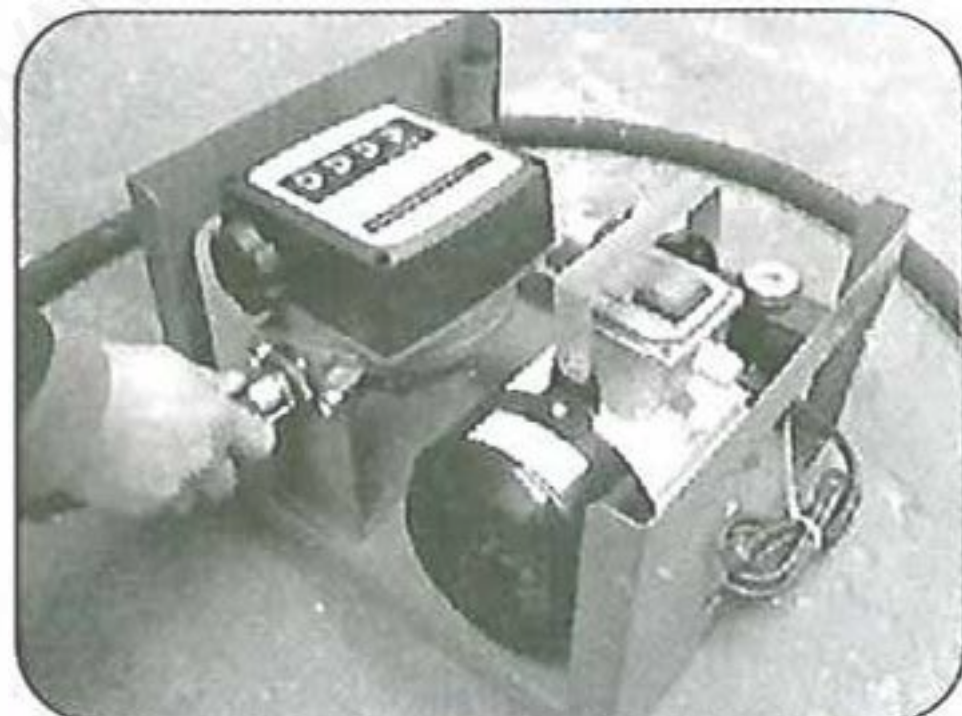


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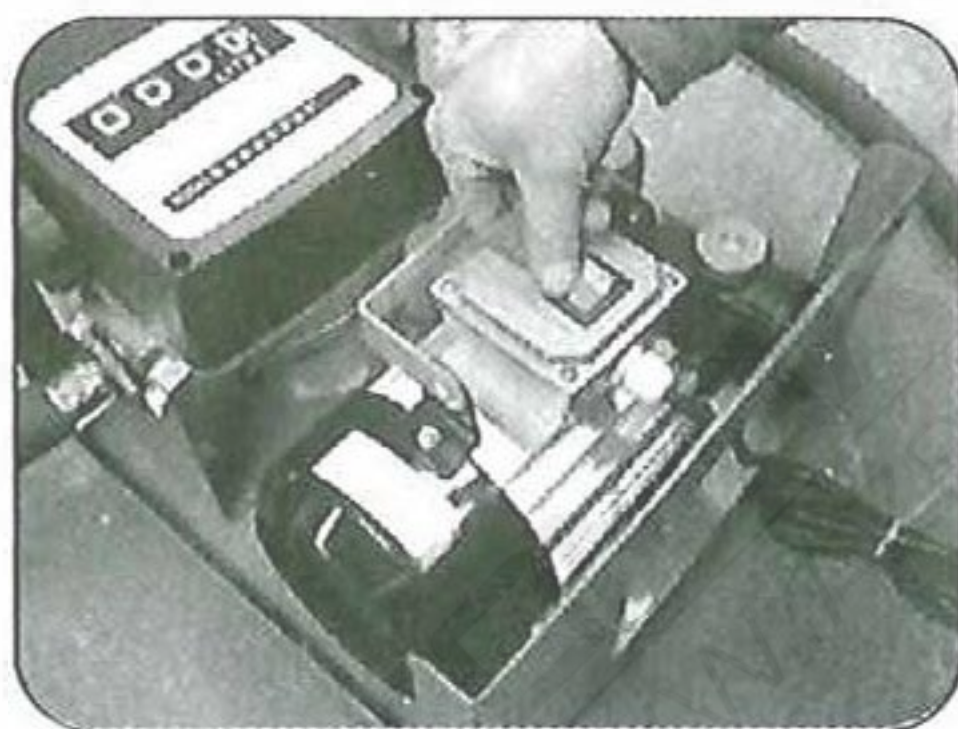
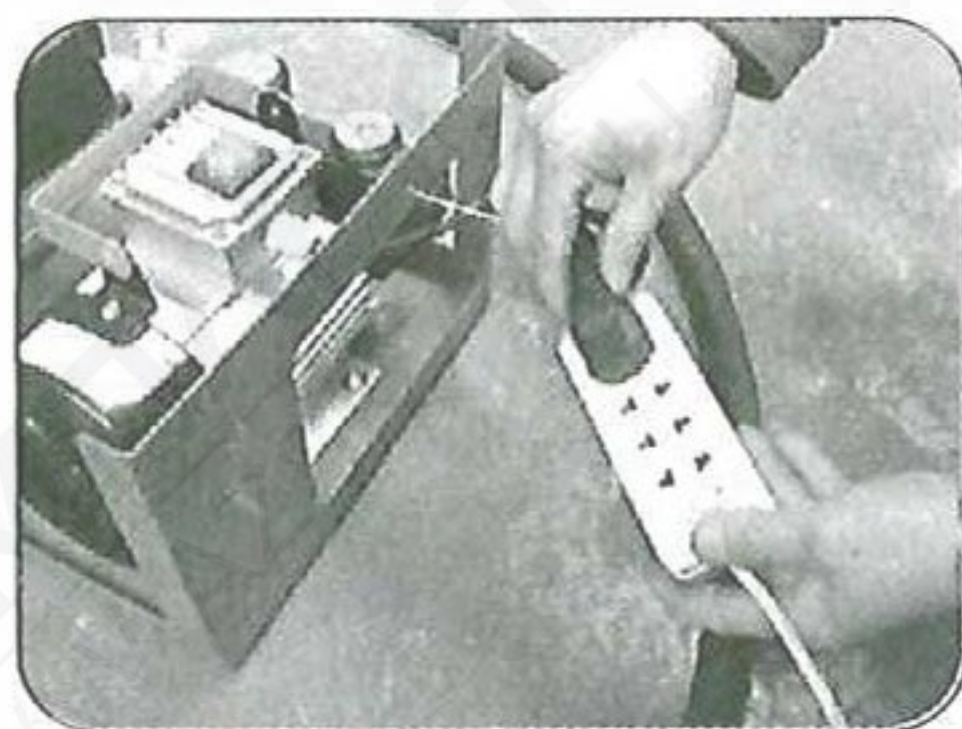


Operation Instructions

1. Collect all spare parts correctly and ensure outlet connections are in proper placement. (Remark: oil-suction pipe provided by the user.)



2. Apply power to the motor by plugging the power cord into a power source. Turn on the pump by use of the on/off switch.



3. Open the fueling nozzle to fuel equipment.

4. When fueling is complete, return the nozzle to its storage position and turn off the pump.

Attention

1. Reset the meter to 0 before each use to ensure proper measuring of each fueling job.



2. Do not leave the motor running when not in operation. Only interval runs between fueling jobs may be permitted.

3. Clean the fuel strainer regularly.

Common Troubleshooting

Fault Appearance	Main Reason	Fault Resolution
Motor does not turn	(1) The power cable is not plugged in. (2) The motor has jammed. (3) Capacitor failure	(1) Check the electric cable (2) Replace the motor. (3) Replace capacitors
Motor runs, but no oil output	(1) Suction side not submerged in oil (2) Vanes worn or gear damaged	(1) Check the oil suction hose/pipe (2) Replace vanes or gear
Abnormal metering or no meter output	Comptation wheel has broken	Replace the comptation wheel
Little oil-output	Plugged strainer	Clean strainer