

MANUAL FOR USE OF CONCRETE MIXERS

MODEL: MT-370
MODEL: MT-480

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INTRODUCTION

The MT-370 / MT-480 Concrete Mixer is ideal for construction projects of various sizes. This manual aims to provide detailed instructions for the safe and efficient use of the same.

SECURITY GENERAL WARNINGS

Below we will detail the general precautions you should take, the essential personal protective equipment, and the ideal conditions for your work environment. Remember that your safety and that of those around you depend on strict compliance with these rules.



Protection adequate

Do not operate the machine without proper protection.



Parts mobiles

Keep hands and clothing away from moving parts.



Children and pets

Do not allow the presence of children or pets in the work area.

WORK ENVIRONMENT

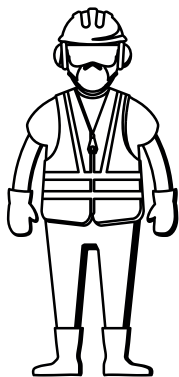


Keep the work area clean and free of obstacles.



Ensure good good lighting and ventilation.

PERSONAL PROTECTIVE EQUIPMENT



HELMET



GLOVES



SAFETY GLASSES



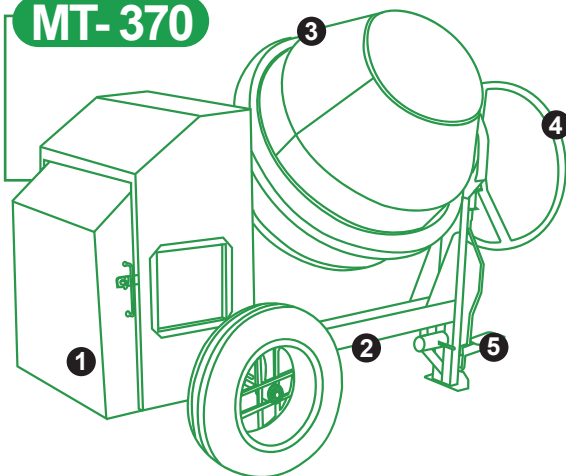
APPROPRIATE WORK CLOTHING

COMPONENTS AND TECHNICAL SPECIFICATIONS

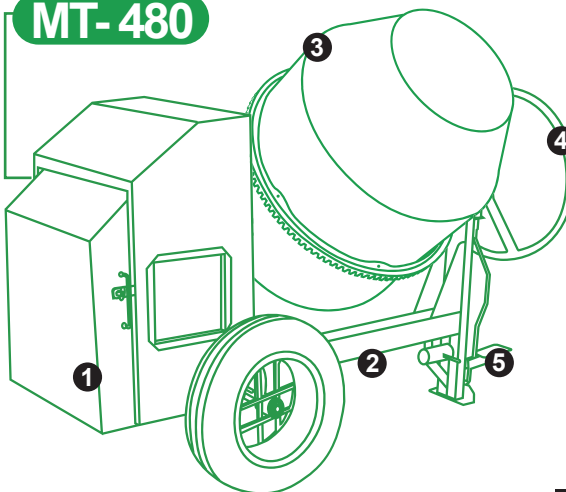
MAIN COMPONENTS

- 1 MOTOR HOUSING
- 2 CHASSIS TUBE
- 3 MIXING DRUM
- 4 ROTATION HANDWHEEL
- 5 LOCKING PEDAL

MT-370

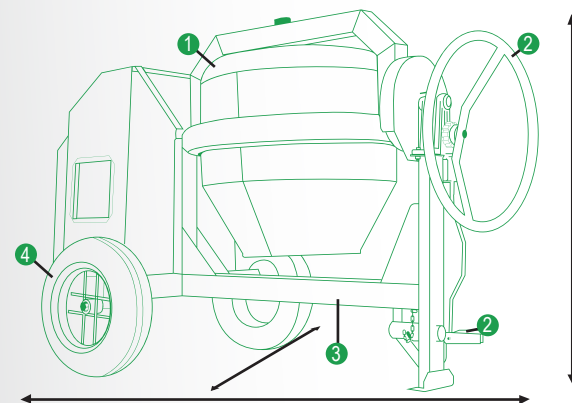


MT-480



COMPONENTS AND TECHNICAL SPECIFICATIONS

- | | |
|--|--------------------------------|
| 1 DRUM STEEL | 2 DUMP SYSTEM MANUAL |
| 3 CHASSIS TUBULAR, STABLE AND REINFORCED | 4 WHEEL SIZE 145/70-R13 |
| ↔ TOTAL LENGTH 83 IN - 2100 MM | ↑ TOTAL HEIGHT 58 IN - 1460 MM |
| | ↗ TOTAL WIDTH 47 IN - 1190 MM |



TECHNICAL SPECIFICATIONS OF THE MT-370 CONCRETE MIXER

TRANSMISSION SYSTEM

BELT - V (A71)

DISCHARGE HEIGHT

22 IN - 550 MM

TYPE OF PAINT

FAST DRYING

POWER SUPPLY

GASOLINE / DIESEL / ELECTRIC

OPERATING WEIGHT

276 KG - 608 LB

DRUM OPENING

19 IN - 460 MM

DRUM DEPTH

32 IN - 800 MM

DRUM CAPACITY

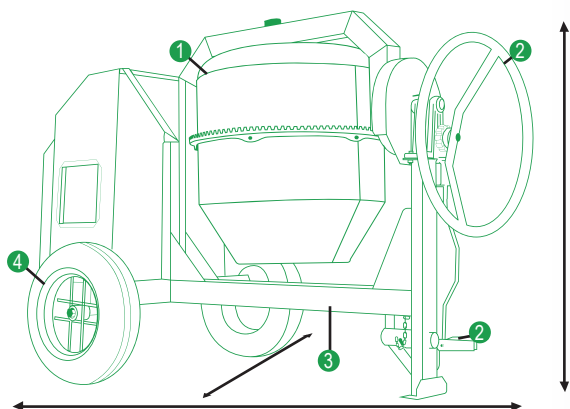
370 L - 13 CU. FT

CAPACITY

1 BAG

COMPONENTS AND TECHNICAL SPECIFICATIONS

- 1 **DRUM** STEEL 2 **DUMP SYSTEM** MANUAL
- 3 **CHASSIS** TUBULAR, STABLE AND REINFORCED 4 **WHEEL SIZE** 145/70-R13
- ↔ **TOTAL LENGTH** 83 IN - 2100 MM ↑ **TOTAL HEIGHT** 65 IN - 1640 MM ↗ **TOTAL WIDTH** 47 IN - 1190 MM



TECHNICAL SPECIFICATIONS OF THE MT-480 CONCRETE MIXER

TRANSMISSION SYSTEM

BELT - V (A69)

DISCHARGE HEIGHT

23 IN - 580 MM

TYPE OF PAINT

FAST DRYING

POWER SUPPLY

GASOLINE / DIESEL / ELECTRIC

OPERATING WEIGHT

290 KG - 639 LB

DRUM OPENING

41 IN - 1020 MM

DRUM DEPTH

41 IN - 1020 MM

DRUM CAPACITY

420 L - 15 CU. FT

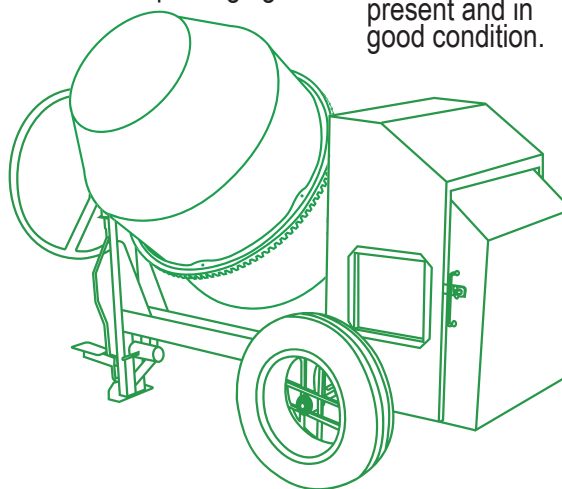
CAPACITY

2 BAGS

INSTALLATION AND ASSEMBLY

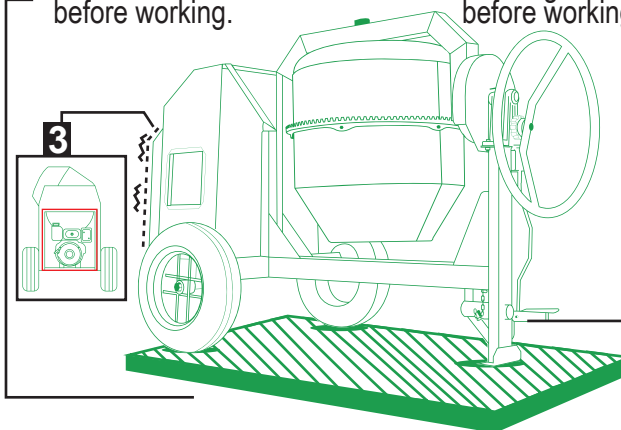
UNPACKING

- 1 Carefully remove the outer packaging.
- 2 Verify that all components are present and in good condition.



MOUNTING

- 1 Place the equipment on a flat and stable surface before working.
- 2 Insert or remove the drag tube before working.



- 3 Remove the door or completely close the area where the motor is located to avoid vibration.
- 4 The concrete mixer engine has a specific manual that provides detailed information about its operation, maintenance and troubleshooting. This manual is located in the mixer drawer.

INSTALLATION AND ASSEMBLY

ELECTRICAL CONNECTIONS



Check that the power supply is compatible with the motor specifications.

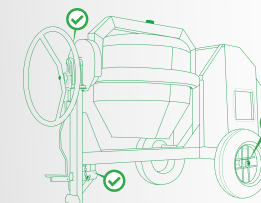


Connect the mixer to a suitable suitable socket.



Make sure that the power cable is in good power cord is in good condition.

OPERATION



• INITIAL PREPARATION

1. Check that all components are properly secured.

• LOADING MATERIALS

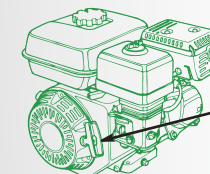
2. Add the recommended proportions of cement, sand and water.

3. Do not exceed the maximum capacity of the drum

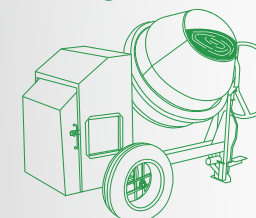


• MIXED

1. Switch on the engine using the main switch.



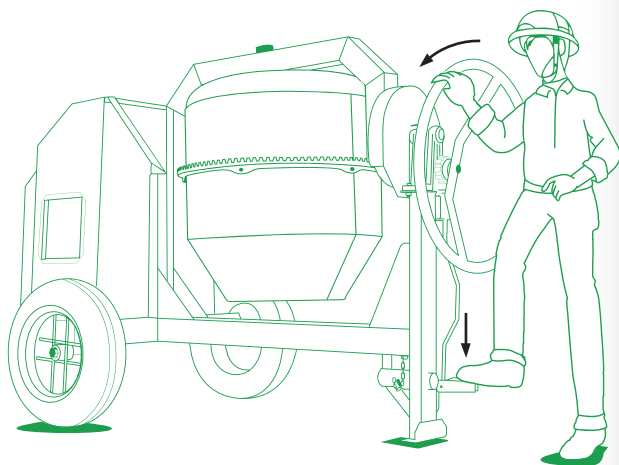
2. Leave the materials in the machine for the recommended time.



UNLOADING CONCRETE

Use the steering wheel and lock pedal to position the drum as required:

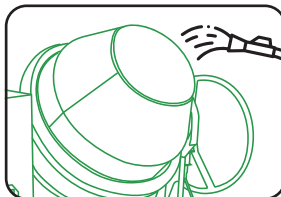
Loading, unloading and mixing. It rotates 360 degrees.



MAINTENANCE

DAILY MAINTENANCE

2.Clean the drum after each use.

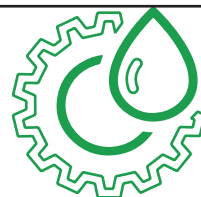
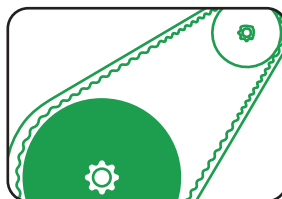


To extend the life of the mixer and drum, always wash the pot after each use.

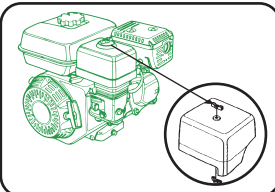
Avoid getting the engine wet

PERIODIC MAINTENANCE

1.Check and adjust the drive belts.



2. Lubricate the moving parts according to the manufacturer's recommendations.

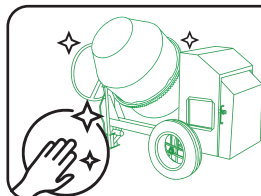


3.Inspect and replace worn parts.

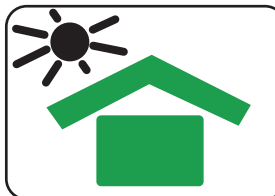


4.Check the air filter and engine oil according to the engine instructions.

STORAGE



1. Thoroughly clean the mixer



2.Store it in a dry place protected from the weather

PROBLEM SOLVING

COMMON PROBLEMS AND SOLUTIONS

The engine will not start

1.Follow the instructions in the engine manual

Mix inconsistent

1. Make sure that the materials are in the correct proportions
2. Check that the drum rotates at the correct speed

Unusual problem

Contact the distributor in your area directly



DIAGNOSTIC GUIDE

POSSIBLE PROBLEMS WITH THE CONCRETE MACHINE

Symptom	Possible Cause	Solutions
The drum rotates abruptly	Wear of components	Checking and replacing gears, V-belt, pulleys
	Excessive tension in the band	Adjusting the V-band tension

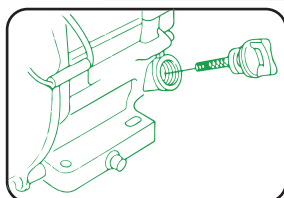
POSSIBLE PROBLEMS WITH THE DRUM

Symptom	Possible Cause	Solutions
Electric	Incorrect or insufficient voltage	Check supply voltage, connections and fuses.
	Electric motor failure	Check Engine Manual.

MAINTENANCE

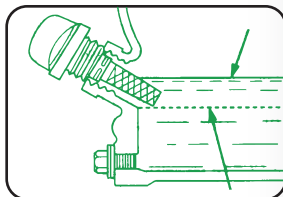
DAILY MAINTENANCE

1.Before starting operations, check the oil level according to the engine: Gasoline or Diesel.



Insert and remove the dipstick, without screwing it in, from the oil filler tube. Check the oil level shown on the dipstick.

If the oil level is low, fill to the edge of the hole with the recommended type of oil.



GUIDE

POSSIBLE PROBLEMS WITH THE DRUM

Symptom	Possible Cause	Solutions
Fuel	Empty tank or obstruction in the fuel line	Fill the tank, check and clean the fuel line
Mechanics	V-band wear or breakage Damage to the gears or pinion	Replace the V-band. Inspect gears, replace damaged parts.

WARRANTY POLICY

The Concrete Mixer is covered by a 6-month warranty against manufacturing defects. For more information, please contact our technical service.

