

# OPERATION

## Introduction

MBW equipment is intended for use in very severe applications. They are powered by four cycle engines and are available in different sizes and a selection of engines.

This parts manual contains only standard parts. Variations of these parts as well as other special parts are not included. Contact your local MBW distributor for assistance in identifying parts not included in this manual.

## Before Starting & Operating

- **REMEMBER!** It is the owner's responsibility to communicate information on the safe use and proper operation of this unit to the operators.
- Review ALL of the Safety Precautions listed on page 1 of this manual.
- Familiarize yourself with the operation of the machine and confirm that all controls function properly.
- Know how to STOP the machine in case of an emergency.
- Make sure hands, feet, and clothing are at a safe distance from any moving parts.
- **OIL LEVEL** - Check the oil level in the engine. For more information see "Lubrication" under the respective engine's "Owners Manual" or the Maintenance section of this manual.
- **AIR CLEANER** - Check to ensure element is in good condition and properly installed.
- **FUEL SUPPLY** - The engines on MBW equipment require an automotive grade of clean, fresh, unleaded gasoline.
- **FUEL FILTER** - If clogged or damaged, replace.

## Attaching Blade

Refer to Figure 1.

1. Loosen the bolts that secure the clamps to the exciter assembly.
2. Lay the float blade on the floor with the decals facing upward.
3. Center the exciter between the "Exciter Location" decals on the float blade.
4. Tilt the exciter forward and hook the small leg of the clamping plates under the front lip of the float blade.

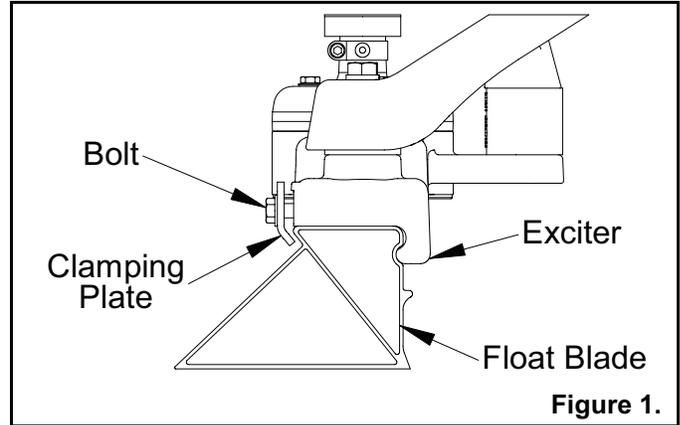


Figure 1.

5. Set the exciter onto the blade so the rear part of the exciter casting lines up with the rear cavity of the float blade.
6. Tighten the clamping plate bolts.

## Starting Engine

1. Turn engine switch to "ON".
2. Press the primer bulb repeatedly until fuel can be seen in the clear plastic return tube.
3. Choke engine if necessary (you may not need to choke a warm engine).
4. Pull starter rope repeatedly until engine starts.
5. If choke was moved to the closed position to start, gradually move it to the open position as the engine warms up.
6. Allow engine to warm up for one or two minutes.

## Stopping Engine

1. Move throttle to idle position.
2. Let engine idle for one or two minutes.
3. Turn switch on engine to "STOP" position.
4. Turn off fuel valve.



## WARNING



**Always stop the engine before:**

**Adding fuel.**

**Leaving the equipment unattended for any amount of time.**

**Before making any repairs or adjustments to the machine.**

## Operation

Before placing the ScreeDemon in concrete make sure the clamps securing the exciter to the float blade are tight.



### CAUTION



Keep the blade clamps tight at all times. Operating the ScreeDemon with the clamps loose will damage the float blade.



### CAUTION



Never run the ScreeDemon above idle when the float blade is not in contact with concrete. This can damage the float blade.

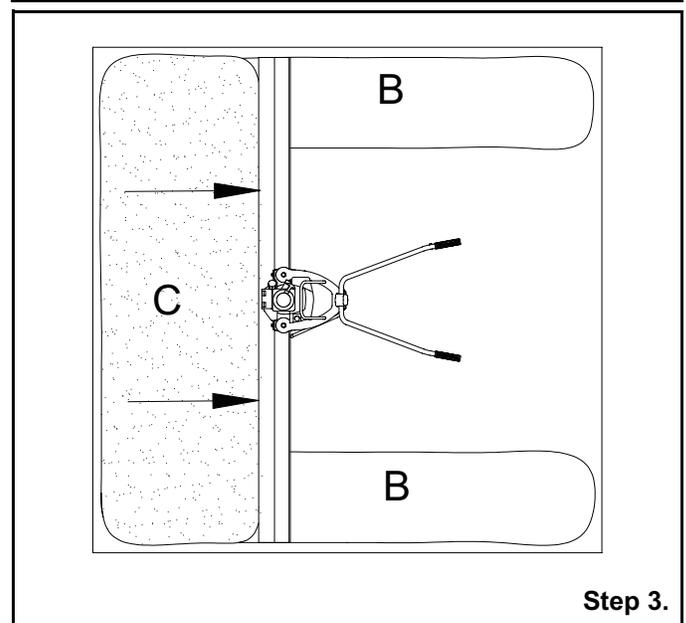
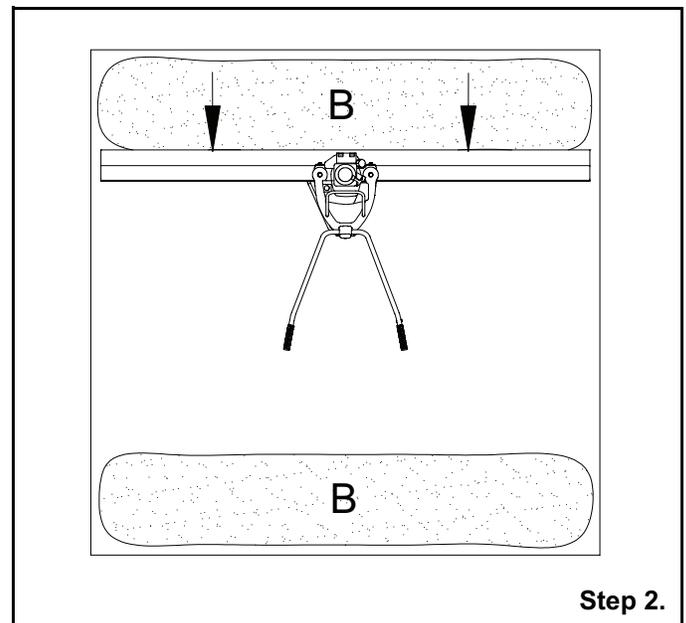
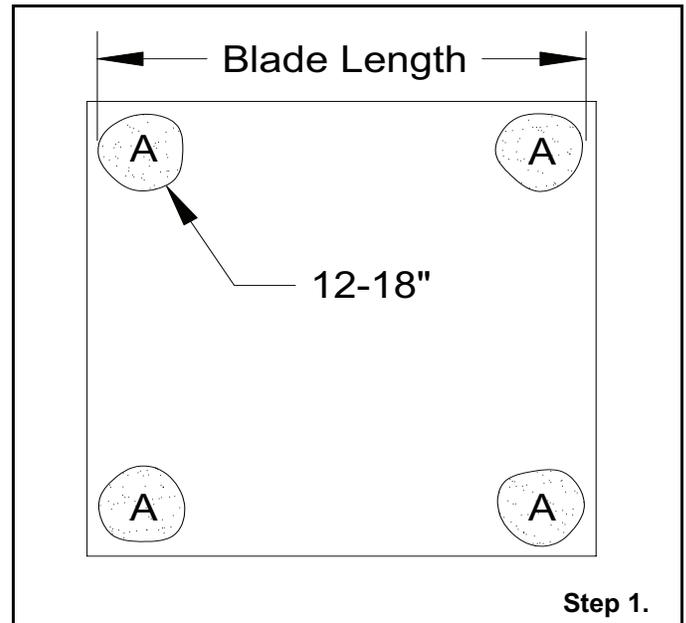
The ScreeDemon can be used with or without forms. The following describes the use of the ScreeDemon without forms.

1. Use a hand float to make a 12-18" diameter wet pad (A) at the desired grade in the four corners of the area you wish to screed. The outer extents of the wet pads should not exceed the length of the float blade being used.

**NOTE:** Use a laser receiver, transit level, or grade stakes to help establish the correct grade.

2. Run the ScreeDemon between the wet pads to create two parallel strips (B) that define the grade for the remainder of the wet screeding. These strips should be 12-18" wide.

3. Place one end of the float blade on each of the parallel strips (B) and screed the concrete (C) in between the strips. Be sure the float blade follows the contour of the parallel strips.



## Handle Adjustment

The operator can adjust the handle on the ScreeDemon to a comfortable position.

Refer to Figure 2.

1. Loosen the handle by turning the handle adjustment knob counter-clockwise.
2. Move the handle to the desired position.
3. Tighten the handle adjustment knob.

## Kickstand

The kickstand will support the ScreeDemon in an upright position when not in use.

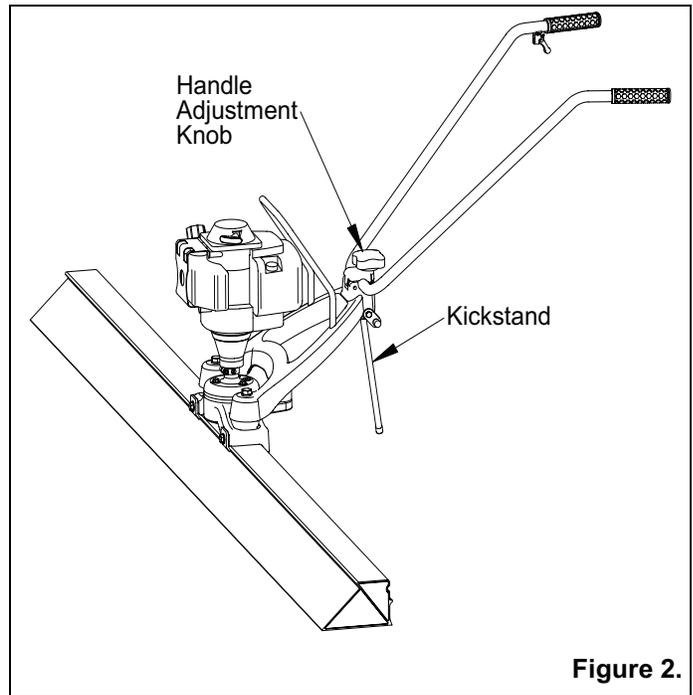


Figure 2.

## Transporting

It is recommended to transport the ScreeDemon with the float bar removed. The float bar is more likely to be damaged if attached to the main unit during transport.

The handle can be collapsed for easier transport. See Figure 3.

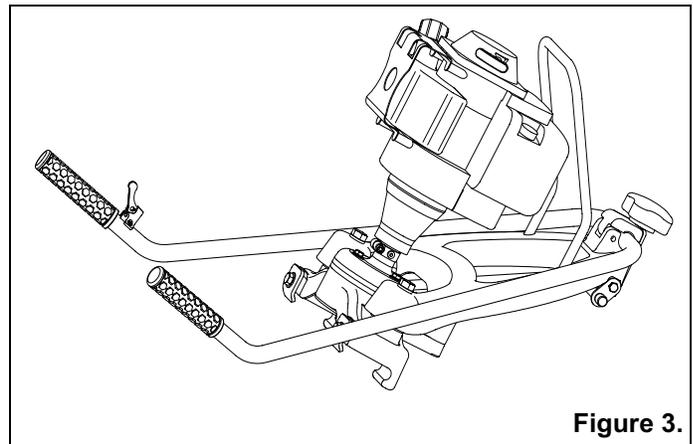


Figure 3.