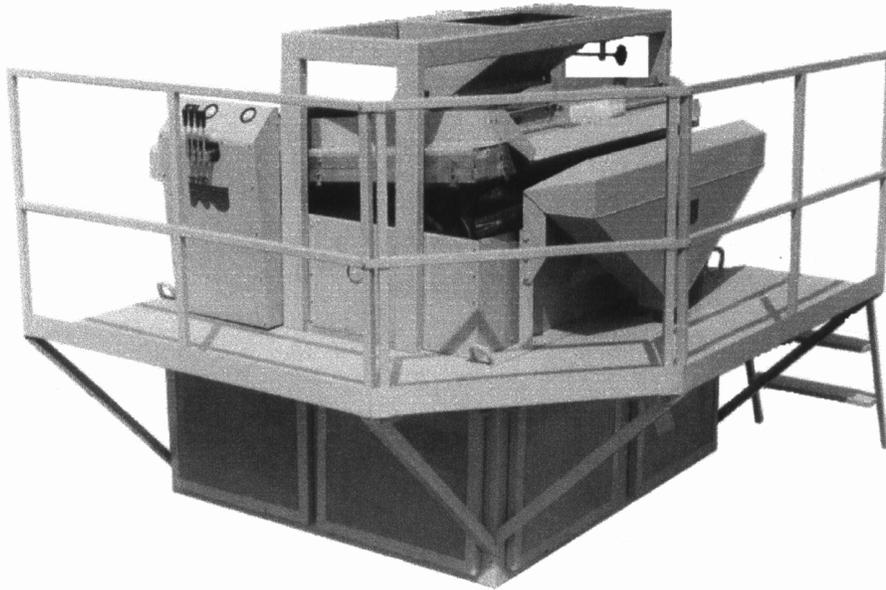


*Oliver*

# Maxi-Cap Stoner Operating Instructions Manual



**C**ongratulations! You have just purchased a well-built machine that can earn substantial profits for you, if you take the time **right now** to understand the Oliver Stoner and how it works. This operating instructions manual contains new, valuable information that both experienced and inexperienced operators will want to read. Please take a few minutes to read the instructions to help eliminate many of the problems frequently encountered.

Keep in mind at all times that the Oliver Stoner is not a cure-all for the processor's problems. The stoner is a specialized piece of machinery designed to **separate particles of similar size that differ in specific density.**

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## I. INTRODUCTION

Congratulations! You have just purchased a well-built, machine that can earn substantial profits for you, if you take time **right now** to understand the Oliver Stoner and how it works. The Operating instructions Manual contains new, valuable information that operators will want to read. Please take a few minutes to read the instructions to help eliminate many of the problems frequently encountered.

Keep in mind at all times that the stoner is not a "cure all" for the processor's problem. The de stoner is a specialized piece of machinery designed to do one job very well.

**THE STONER SEPARATES PARTICLES OF A SIMILAR SIZE THAT DIFFER IN WEIGHT, CONCENTRATING THE HEAVY MATERIAL. THE STONER SHOULD NOT BE USED AS A CLEANING MACHINE TO REMOVE DUST, DIRT STICKS AND OTHER FOREIGN MATERIAL FOUND IN UNPROCESSED MATERIAL.** In all

processing situations, the best results are obtained from the stoner when the product has been thoroughly pre-cleaned and sized, using the proper equipment for these purposes. Under these conditions, the stoner is then able to show what it can really do!

## **II. INSTALLING YOUR OLIVER STONER**

All Oliver Maxi-Cap Stoners are operated on test blocks at the factory for a minimum of 50 hours. During and after operation, the drive train and controls are checked to insure that they will operate satisfactorily when you set them up and punch the switch-.

### **UNLOADING YOUR OLIVER**

Although your Oliver is built to give years of service, it can be damaged while being unloaded. While unloading the stoner, do not put anything on the separating deck. If the deck is damaged, good separations are impossible. Also, be careful not to puncture the filter screens located on the sides of the machine. If the filter screens are damaged, dirt may be sucked into the machine and may plug the deck.

Immediately after unloading your Oliver Stoner, inspect for carrier damage. If the machine is impaired in any way, it was caused in transit and a claim should be filed with the carrier.

### **FOUNDATION REQUIREMENTS**

A solid foundation is required for your Oliver Stoner. False vibrations from flooring can ruin the separations quality of the machine. A six inch concrete slab makes an ideal platform but is not-essential. "Many customers operate Oliver Stoners on wooden floors with no problems. If you feel that your floor is insecure, please contact the factory for recommendations.

When locating your stoner, be sure that you leave adequate clearance to operate the controls and to remove the deck for changing or cleaning. To operate the controls and provide normal maintenance, we recommend a minimum of 30 inches clearance. A space approximately equal to the dimensions of the deck is adequate for deck removal from either end.

### **ELECTRICAL CONNECTION**

After your stoner is mounted on a secure foundation, you are ready to install the motor and make the connections. If you ordered your stoner with a motor, it will be installed at the factory; and you will only be required to make the necessary electrical connections. Factory-installed motors will be wired for 60 cycle, 220 volt, 3-phase power unless otherwise specified. If your power supply is different and you order a motor, please inform the factory well in advance of the shipping date, so the motor can be correctly installed.

