

# Mounter-Proofer



Manufactured by W. V. Doyle Enterprises Inc.

## General Information:

**Installations: 65 as of 2001**

**Installation typically 8 hrs, training depending on the experience of the operator.**

**Since: 1990**

**Available Sizes: Any cylinder sizes, any length. Typical plant would purchase a 66X66X50 or 38. It would depend on their press sizes. We have built a couple of 23 inch cylinders and one machine with a 86 proofing cylinder and an 86" and 66" mounting cylinders.**

**Available Options: Computer Stretch compensator to aid the operator while drawing the layout of the box if the job is for a job that is a different size than the cylinder being mounted on.**

**Video assisted mounting: Addition of high resolution video cameras mounted over the optics to provide an "enlarged" reference for mounting.**

**Quoted Delivery: 20 Weeks due to length of time it takes to receive cylinders. Typically shipped within 10 weeks. We quote the additional time to cover us in the event of the cylinder not meeting tolerances.**

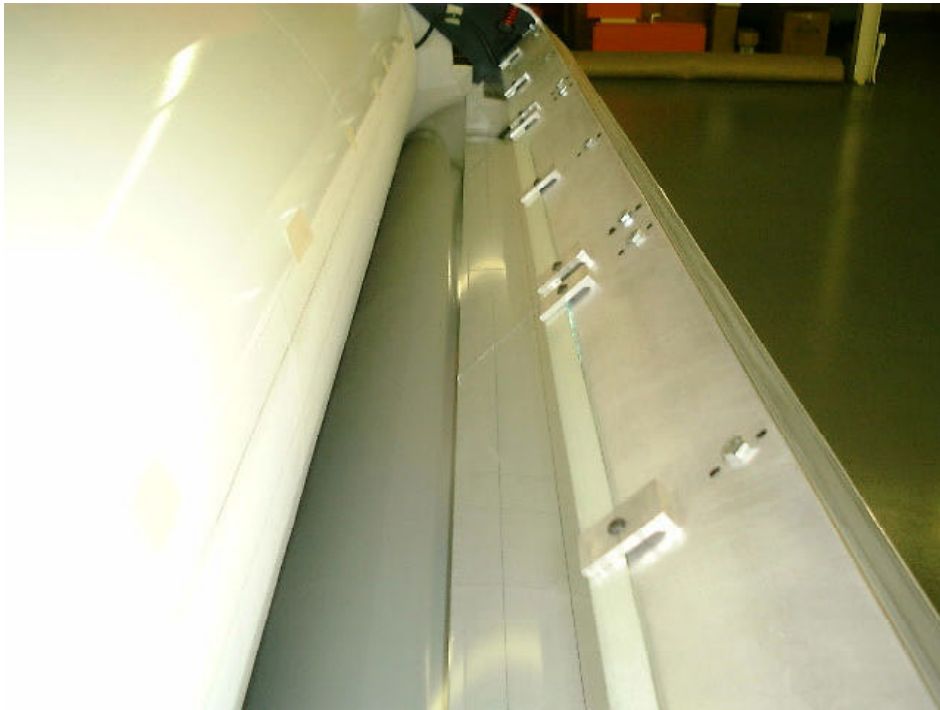
# Benefits



**Purpose of machine in a corrugated box plant is to provide a means for a plant to verify registration and printability of plates that they have either mounted themselves, or they purchased already mounted.**

**Most plants that do not have a mounter do mount some of their own dies, they either mount them in the flat on a table or on a drum. Each way is far short of the best way. The worst place to find a bad die or realize something is out of registration is when they check the box after it leaves the press. The pay back of this machine is mostly in decreased set up time due to press make ready. Having to move plates around not only costs lots of money and time but also effects the mount.**

**The major benefits of our machine over “Brand X” are that our cylinders are permanently mounted in bearings while their journals sit on two cam rollers. The life of their cylinder journals are still quite long, but as time goes by and wearing takes place, the machine is in constant need of adjustment. Also, if the customer purchases a double machine, a cylinder on each side, to go from mounting for a 66 to mounting for a 66” press is as simple as walking to the other side of the machine compared to replacing and re-paralleling the needed cylinder in our competition. All mounter Proofers that do not utilize video technology, utilize optic mounting. A bar is mounted over the mounting cylinder and glass is mounted to it. The layout of the box is drawn onto paper mounted on the proofing cylinder and the operator uses the drawing/layout to mount the dies. The layout reflects through the glass to the mounting cylinder.**



**Light Bar superimposes image from proofing cylinder over the mounting cylinder to allow accurate mounting. Upon completion of mounting for each color, the operator prompts the machine to move to the proper proofing position, this position will be the total mount height of the plates. The cylinder is driven to the proofing position, after ink is applied to the plates a proof is pulled onto the layout. This color will be removed, the mounting cylinder lowered to mount another color. Additional colors are aligned to the first.**



**This machine is controlled by a PLC with the interface being a touch screen. To move from the standard mount to standard proof positions requires one key press. All Doyle control panels are UL approved.**