

# 312 Reciprocator

- Compact design
- Pneumatic drive provides fast cycle time
- PLC controlled
- Maximum stroke drive of 24"
- Straight line reciprocator
- Spray manifold consists of remotely mounted 025 nozzles



Reducing Industry's Production Cost

# 312 Reciprocator

## Rimrock Model 312 Pneumatic Reciprocator

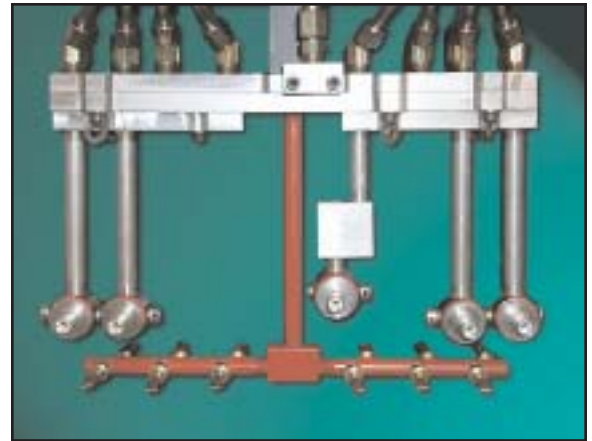
Spray solution for small die cast machines and other foundry applications. It is compact, pneumatically driven, and PLC controlled. The simple, but flexible spray device can accomplish spraying tasks quickly and easily.

## Main Control Panel

The main control panel is a constructed enclosure housing an Allen Bradley SLC programmable controller. A T-Cat teach panel is mounted in the face of the panel to permit easy timer and/or counter parameter changes.

## Spray Manifold

The standard spray manifold assembly contains three Model 025 spray nozzles. These nozzles are remotely mounted on an 18 inch long supply bar. A spray outlet assembly with spray tips and an air blow-off assembly are mounted on the drive unit fed by the remotely mounted spray nozzle manifold. Additional nozzles can be purchased as an option.



**Spray Manifold**



**Vertical Mount Assembly**

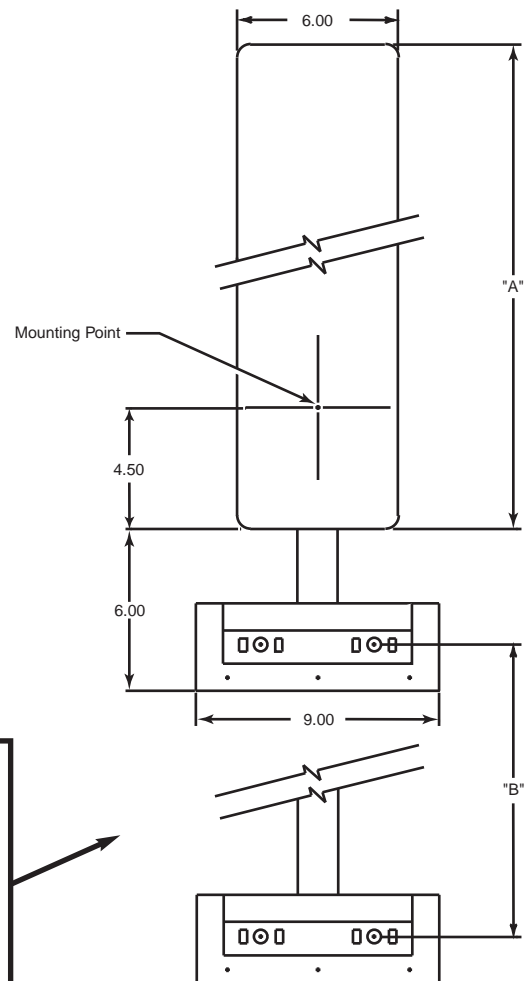
## Pneumatic Valve Package

The valve package mounts on a steel plate along with an electrical junction box. It is supplied by either a liquid pressure tank or a central lubrication system. Valves are included for control of the pilot, lube and blow air.

## Vertical Mount Assembly - Option

The vertical mount option provides proper support for positioning the 312 on the top of a DCM platen. The mount has both die height and shot position adjustments.

As the Reciprocator extends into the DCM, it begins the spray function. As it retracts, the blow function begins. The drawing at the right illustrates the motions and dimensions of the 312 Reciprocator.



Changes and amendments to our products and specifications may occur at any time without prior notice.