

Multi-Pass

SIMULTANEOUSLY COMPLETE TWO PROCESSES IN ONE PIECE OF VIBRATORY EQUIPMENT



The Roto-Finish Multi-Pass® machines are specifically designed to meet the individual customer's parts processing needs. Each machine has a specific channel width to accommodate specific parts, and a definitive channel length to provide the required process time. The channels maintain even sequencing of parts resulting in consistent part finish and virtually eliminating part-on-part impingement.

The unique design of the Multi-Pass® permits integrations with other manufacturing processes, such as casting, grinding, and stamping. Parts can be fed continuously; all parts run at the same speed; and no time is lost loading and discharging.

Media capabilities include ferrous and non-ferrous metals, plastics, wood, ceramics, and cobmeal. This means that a Multi-Pass® machines can be designed to provide several different mass finishing processes, including cleaning, ball burnishing, deburring, deflashing, prepaint finishing, washing and drying.

Multi-Pass® machines require less media than conventional vibratory equipment as the need for cushioning between parts is reduced by precise sequencing.

The specially designed channels in the processing chamber permit a variety of cycle times ranging from 2 to 30 minutes, depending on part size, machine size, and desired finish.

Standard operating features include:

- **cartridge drive system (triple drive on largest machines)**
- **adjustable drop-on eccentric weight system**
- **continuously monitored oil recirculation**
- **compound flow-through system**
- **built in parts / media separation**
- **quick-change, straight line screen decks**
- **limit switches at hinged access doors**
- **controls which include fusible disconnect (110v control circuit), completely prewired to the machine, and totalizing hour meter**
- **multiple pop-in drains and**
- **compact settling tank.**

Optional Features

The Roto-Finish Multi-Pass® is available with many of the same options as our Spiratron® series machines. These include:

- **media classification**
- **rinse bar or rinse station**
- **recirculating inhibit rinse**
- **air knife over separation screen**
- **combo / dryer channel(s)**
- **vacuum drains**
- **vacuum media return (cobmeal only)**
- **gazebo noise cover**
- **Duskolector® with plenum**
- **system integration**

MP-54-3-3, left hand design, with conveyor and cobmeal media return system



**MP-164-8-5 with conveyor and rotary collection table
Hammond Multi-Pass Finishing Machine with conveyor and rotary collection table**



DISTRIBUTED BY
CRW Finishing, Inc
1470 W. Jeffrey Drive
Addison, IL 60101
(630) 495-4994

