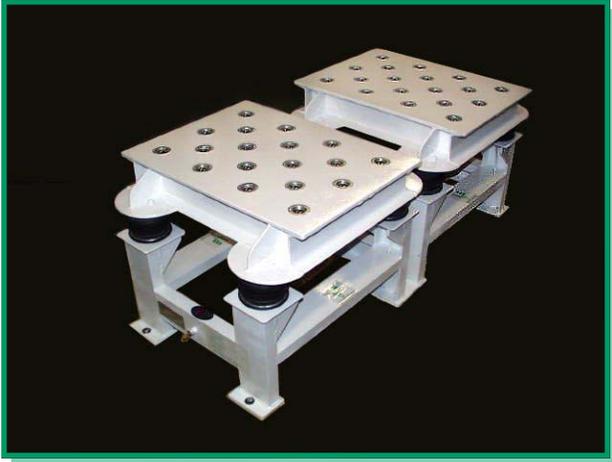


CVC FLAT TABLE MODEL FA

Case History



2 FA Tables w/ball transfers

Increase productivity!

THE CLEVELAND VIBRATOR CO
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NEED: The customer had an application problem. They needed to weigh 55 pounds of flakes in a carton on an existing scale, but needed to vibrate it to pack the material so they could close the carton and then make a 90 degree transfer to a conveyor in a hazardous area. They wanted to accomplish this on one piece of equipment and would have the operator make the two transfers manually.

SOLUTION: Our solution was to provide a flat deck vibrating table driven with an air-powered piston vibrator (explosion-proof by design). The table top was designed to house a set of air-powered ball transfers controlled by a toggle valve kit. After weighing the carton, the operator would push it on to our table. The balls (free rolling) would be in the raised position to aid this first transfer. When the carton is centered over the table, the operator lowers the balls with the toggle valve. The balls then drop into recessed pockets in the table top to allow the carton to rest flatly on the vibrating deck. The operator then presses and holds a manual hand valve to begin vibration and releases the valve to end vibration. The toggle valve would again be activated to raise the balls so the carton can be manually transferred on to the conveyor, completing the 90 degree transfer/vibration cycle.

MODEL: FA-1824-300

CONSTRUCTION: All Mild Steel

ISOLATION: (4) Air Mounts

DRIVES: (1) 1300 CVC VMSAC Vibrator

FEATURES: White Epoxy with Type 3 Welds & Surfaces; Pneumatic Ball Transfers with Toggle Valve