

I-2 IMPACTOR



KEEP YOUR BULK MATERIALS FLOWING

The I-2 Impactor from Carmeuse Systems is designed to aid the flow of dry bulk materials that tend to stick, bridge or compact in storage tanks or hoppers. The Impactor uses compressed air to generate blows of high intensity at low frequency producing a sledgehammer effect without hopper damage or manual labor. This pneumatic impactor is controlled, either automatically or manually, to deliver powerful vibration to keep your production flowing and minimize material buildups. The Impactor and solenoid valve can be mounted in any position.

APPLICATIONS & USE

Typical Bulk Materials Processed

- Powder
- Activated Carbon (PAC)
- Plastic Pellets
- Magnesium Oxide
- Soda Ash
- Fly Ash
- Lime
- Rice
- Sugar
- Grain
- Peanuts
- Others

Typical Applications

- Water Treatment
- Food
- Chemical Processing
- Mining
- Grain Handling
- General Industrial
- Oil and Gas
- Glass and Ceramics
- Pulp and Paper

Applicability can vary by system make and model. For an evaluation, contact us: salesinquiries@carmeuse.com

FEATURES

Sturdy, compact heavy duty construction

Easy to install and operate

Mounting plate

Process reliability

Single, impact, high intensity at low frequency

Linear motion

Automatic or manual operation

Used on a variety of containers (silos, hoppers, bins, bunkers), troughs, chutes, and pipes

Polyurethane damper pad between piston and baseplate

BENEFITS

Offers durable design providing structural stability

Minimizes maintenance time improving your efficiencies and keeping your employees safe

Protects your silo/container from wear and tear preventing unwanted damage

Reduces production interruptions increasing your output and profitability

Eliminates bridging and ratholing enabling a consistent flow of materials through the container

Ensures no damaging shear forces are applied to the mounting bracket or storage vessel

Removes the use of hammers protecting your employees' health and safety

Moves bulk material no matter the container providing you with flexibility

Minimizes operational noises ensuring operator health and safety

SPECIFICATIONS

MATERIAL OF CONSTRUCTION

- **Standard:**
 - Housing: A536 Ductile Iron
 - Impact Piston: A36 Carbon Steel
 - Mounting Plate: A36 Carbon Steel
 - Pneumatic Tubing: Polyurethane
- **Options:**
 - Pneumatic Tubing: 316 Stainless Steel

INSTRUMENTATION

- **Discrete Control and Alarm:** 24 VDC / 120 VAC
- **Pressure Rating:** 100 psig [690 kPag]
- **Approval:** CSA, FM, cUL(US), CE Marking
- **Mode of Control:**
 - Manual selection operation: A spring return switch for each single impact on demand
 - ON-OFF switch operation: Adjustable timer is provided to pulse the control circuit

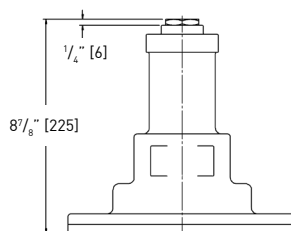
ADD-ON FEATURES

- **Standalone Timer Controller**
- **Air Filter and Regulator**
- **Air Lubricator**
- **3-Way Solenoid**
- **Mounting Bracket**

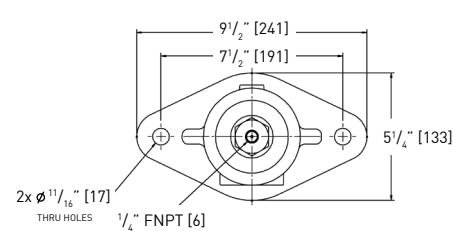
AVAILABILITY

I-2

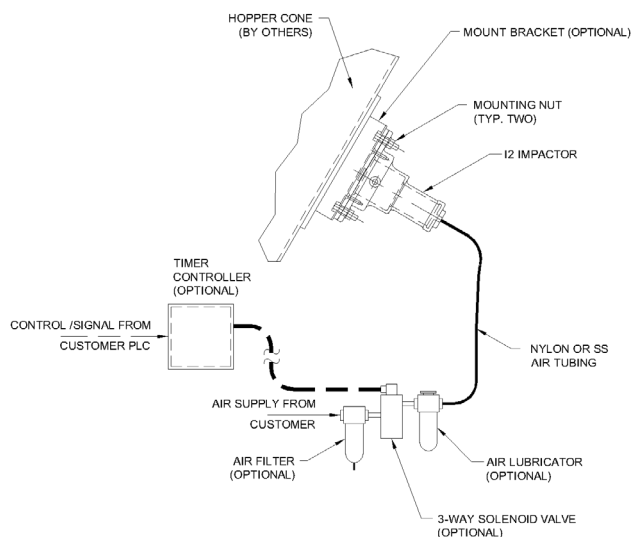
ELEVATION VIEW



PLAN VIEW



TYPICAL INSTALLATION VIEW



YOUR LIME HANDLING EXPERTS™

Carmeuse Systems is your trusted partner for designing, integrating, and upgrading lime handling systems. As part of the Carmeuse Group, our teams have unrivaled expertise in understanding the role of lime handling equipment within your operation. From selecting the appropriate raw material, to system engineering, enhancements, and maintenance, our teams provide End-2-End support and guidance. We make complex projects seem simple and help our customers every step of the way. Let's start a conversation, contact us at:

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The information contained in this product data sheet is, to the best of our knowledge, true and accurate. As application-specific factors may impact performance, users are advised to evaluate the product independently to determine suitability for the intended application and use conditions. Product availability and specifications are subject to change without notice.

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