CO_2 Snow Dispenser.

Concept

The Messer CO_2 Snow Dispenser is the solution for processors who need instant chilling of perishables and boxed meat, poultry and seafood products, directly in their packing boxes.

Benefits

- Provides instant chilling
- Precisely places carbon dioxide snow in open boxes or totes
- Easily adaptable to most conveyor lines
- Simple controls and timer screen
- Automated system - reduces labor costs

Features

Designed and built to meet USDA requirements, Messer's CO_2 Snow Dispenser consists of two patented Model LVSH-7 stainless steel snow horns, exhaust shroud, control panel, pneumatic controls, and a frame which fits around existing conveying lines.
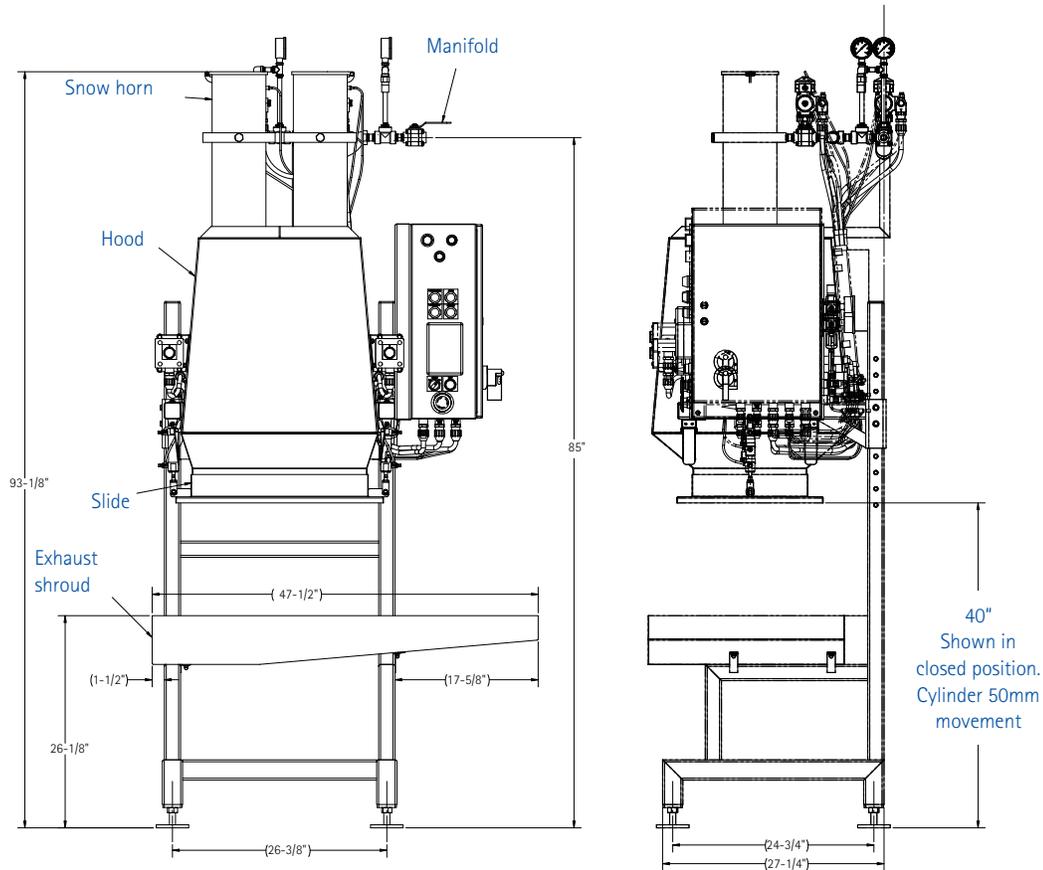
The system is designed for conveyorized packing lines. An adjustable pneumatic lifting mechanism raises and lowers the slide to a predetermined height, allowing packing boxes to move smoothly through the packing process.

The Messer CO_2 Snow Dispenser has adjustable box adapters, which can accommodate interchangeable boxes or totes, allowing a customer to use the same machine on varying box sizes and heights.

Operation

Utilizing the LVSH-7 snow horns' low velocity design assures precise placement of CO_2 snow without costly CO_2 loss due to snow blowout and losses associated with conventional box snow applicators. Built for total flexibility, the Messer CO_2 Snow Dispenser has simple controls which produce precisely the amount of necessary snow and safely exhaust CO_2 vapor. The system can be controlled automatically or manually on conveyorized packing lines.

Specifications

Flow rate in liquid CO_2	60 lb/min
Snow time range*	0.1 sec to 30 sec
Height	8'4"
Width	3'10"
Depth	2'8"
Instrument air	80 psig
Electrical	3 phase 480V/15A
Weight	550 lb

Special time ranges available upon request.

MESSER
Gases for Life

facebook.com   linkedin.com   twitter.com

Part of the **Messer** World

1135_0120