

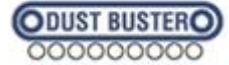


McBRADY ENGINEERING, INC.



<http://www.mcbradyengineering.com/>

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JOLIET, IL 60436



Bottle Duster

With 4 models to choose from, our Bottle Dusters are designed to clean the tops, bottoms, sides and rims of bottles, cans and containers. Each model of Bottle Duster utilizes ionized compressed air, brushing, spinning and vacuuming to quickly and effectively remove dust, powder and debris. This machine has tool-less changeovers for different size containers and can reach speeds of up to 400cpm. Speed will vary depending on container shape. If you're looking to deliver spotless product to your customers, then look no further than our one of a kind Bottle Dusters.



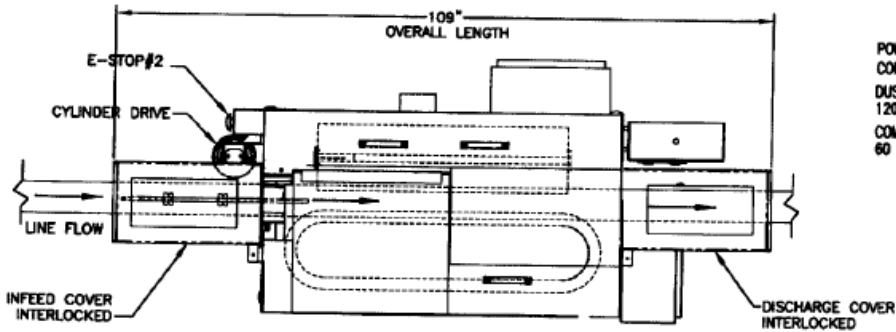
Special Features

- Containers are **brushed continuously** via a cylindrical and belt type brush
- **Tool-less changeovers** are **quick and easy**, simply adjust brushes and guide rails to accommodate new containers
- **Ionized compressed air** aids brushing to eliminate external debris and contaminants
- **High Speed Cleaning.** Capable of reaching speeds of up to 400cpm

MEMBER



SPECIFICATIONS



POWER VOLTAGE: 480/3/60
CONTROL VOLTAGE: 120/1/60
DUST COLLECTOR:
1200 CFM
COMPRESSED AIR SUPPLY:
60 PSI AND 30 CFM

AB INTERLOCKS AND E-STOPS
INCLUDED GROUNDING ALL ENCLOSURES
RIGID CONDUIT (WHERE POSSIBLE)
LABEL FIELD DEVICES
TWO DRY CONTACT INPUTS
TWO DRY CONTACT OUTPUTS

The Bottle Duster operation will consist of the following steps and features:

- Located just before the brush cleaning section is the ionized air **Pre-rinse area**.
- This **Pre-rinse area** contains initial compressed **ionized air rinsing** of the containers as they enter the Duster.
 - ^This area removes **heavy dust** and reduces any **static charges** on the containers. ^
- The bottles next pass thru the **brush cleaning** section.
 - ^The belt and cylindrical type soft nylon brushes **remove remaining particles** on container. ^
- Vacuum ducts are included directly on the brushes in order to continuously **clean and remove product from the surface of the brushes**.

DETAILS

- o 2-Allen Bradley variable frequency drives
- o 5- and .01-micron air filter assembly with regulator
- o Cylindrical Brush
- o Belt Brush
- o Ionizing Air Nozzle Bar
- o Brush vacuum ducts
- o Allen Bradley electrical components
- o 2-Emergency stops
- o Door interlocks
- o Infeed and discharge photo units
- o Cluster lube for all bearings
- o Type 304 stainless steel and FDA approved plastic construction
- o Low profile with a cabinet height of only 50" on most applications

OPTIONS

- Torit #64 Dust Collector
- Air/Vacuum/Water Pressure Loss Switch
- Stainless Steel Package: washdown motors and reducers, bearings, chains, leveling feet, and electrical enclosure
- Powerflex #525 with Ethernet
- 4-Belt Unscrambler
- Bottom Brush
- Top Brush
- Stack Light with audio/visual alarm

