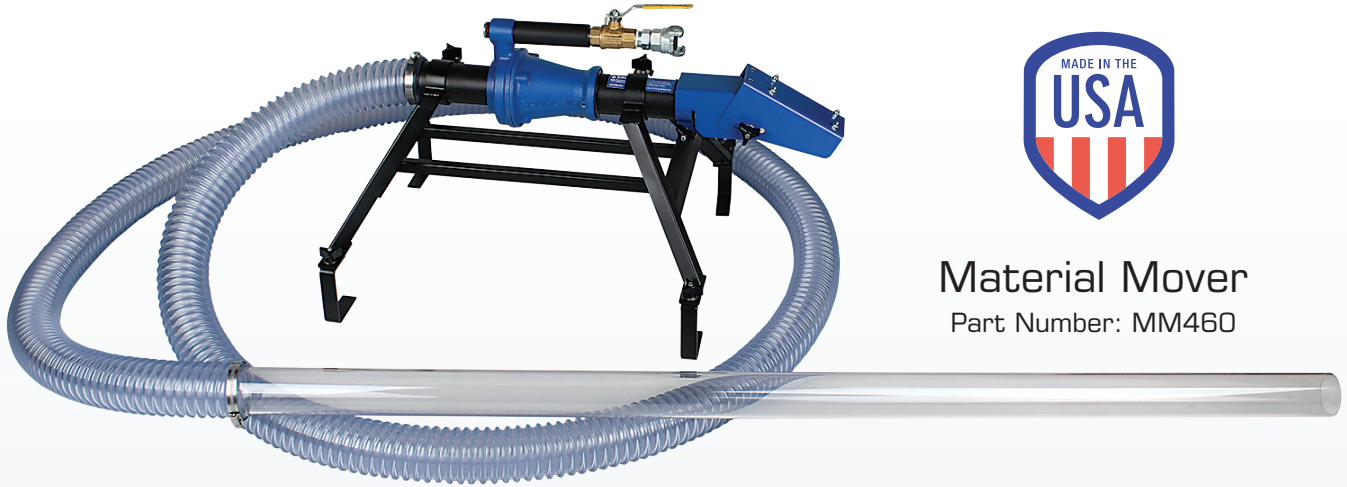


GUARDAIR®

Move it or lose it.



Material Mover
Part Number: MM460

Powered by compressed air, the Guardair Material Mover is a portable, in-line vacuum system developed to transport materials from point A to point B. Featuring a 2.5" diameter throat, the lightweight, easy-to-handle Material Mover is ideal for moving seed, grains, corn, beans, plastic pellets, or other dry materials. Perfect for cleaning out agricultural equipment including combines and seeders, or moving material into storage bins or silos. Minimizes damage to transported materials and reduces waste. No moving parts or motor to burn out. Available in two versions – 4 Nozzle (83 cfm) designed for a 100 cfm in-plant, compressor, and 8 Nozzle (165 cfm) designed for a 185 cfm tow-behind compressor. Both versions available in standard or static (electricity) conductive configurations.

Key Features

- Rugged, aluminum and steel components
- Adjustable, output deflector
- Versatile, steel cradle
- 15', 2.5" diameter flexible vacuum hose*
- 5' polycarbonate vacuum wand*
- ¾" Chicago-style coupler

**Static conductive vacuum hose and aluminum vacuum wand featured on static conductive units.*



Agriculture



Seed Farms



Food Processing Plants

For more information, visit our website at guardair.com/materialmover

Parts and Accessories

Part Number Item Description

Standard Units and Kits

MM400	MATERIAL MOVER VACUUM UNIT (4 Nozzle, 83 cfm)
MM450	MATERIAL MOVER STANDARD - BASIC KIT (Includes MM400, Vacuum Hose, Vacuum Wand)
MM460	MATERIAL MOVER STANDARD - COMPLETE KIT (Includes MM400, Vacuum Hose, Vacuum Wand, Cradle, Deflector)
MM800	MATERIAL MOVER VACUUM UNIT (8 Nozzle, 165 cfm)
MM850	MATERIAL MOVER STANDARD - BASIC KIT (Includes MM800, Vacuum Hose, Vacuum Wand)
MM860	MATERIAL MOVER STANDARD COMPLETE KIT (Includes MM800, Vacuum Hose, Vacuum Wand, Cradle, Deflector)

Static Conductive Kits

MM450NED	MATERIAL MOVER STATIC CONDUCTIVE - BASIC KIT (Includes MM400, Static Conductive Vacuum Hose, Aluminum Vacuum Wand)
MM460NED	MATERIAL MOVER STATIC CONDUCTIVE - COMPLETE KIT (Includes MM400, Static Conductive Vacuum Hose, Aluminum Vacuum Wand, Cradle, Deflector)
MM850NED	MATERIAL MOVER STATIC CONDUCTIVE - BASIC KIT (Includes MM800, Static Conductive Vacuum Hose, Aluminum Vacuum Wand)
MM860NED	MATERIAL MOVER STATIC CONDUCTIVE - COMPLETE KIT (Includes MM800, Static Conductive Vacuum Hose, Aluminum Vacuum Wand, Cradle, Deflector)

Replacement Parts

MM160	MATERIAL MOVER CRADLE
MM161	MATERIAL MOVER CRADLE REPAIR KIT
MM162	MATERIAL MOVER DEFLECTOR
MM163	MATERIAL MOVER DEFLECTOR REPAIR KIT
MM164	MATERIAL MOVER INNER BARREL
MM165	MATERIAL MOVER V-SEALS
MM166	MATERIAL MOVER VACUUM REPAIR KIT
MM240	2.5 IN ID X 5 FT VACUUM WAND
MM245	15 FT VACUUM HOSE WITH CLAMPS
AVH2515	2.5 IN ID x 15 FT VACUUM HOSE

Performance Specifications

MM400

AIR USAGE (CFM) 83 @ 90 PSI (100 CFM Compressor)
VACUUM FLOW (CFM) 360
VACUUM LIFT (IN H2O) 33
SOUND LEVEL (dBA) 110 (Measured Indoors @ 3 FT)

GENERAL INFO

VAC ID 2.5 IN
TEMPERATURE RATING 150°F (Based on Vacuum Hose)
RECOMMENDED AIR SUPPLY HOSE 3/4" ID
INLET CONNECTION 3/4" FNPT (Chicago-Style Coupler)

MM800

AIR USAGE (CFM) 165 @ 90 PSI (185 CFM Compressor)
VACUUM FLOW (CFM) 491
VACUUM LIFT (IN H2O) 62
SOUND LEVEL (dBA) 112 (Measured Indoors @ 3 FT)

VACUUM RATES FOR GRAINS

VACUUM UNIT	AIR USAGE (cfm)	VACUUM RATE, CORN (lbs/min)	VACUUM RATE, WHEAT (lbs/min)
4 NOZZLE	83	63	49
8 NOZZLE	165	90	81