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MDL15 VENTURI POWERED VACUUM FOR COMBUSTIBLE DUSTS CATALOG# # 73644/02



STANDARD EQUIPMENT:

- Single venturi suction source
- Noise muffler and guard for sound levels below 80 dba
- Manual HP air control valve
- Adjustable orifice assembly for vacuum control 8" Hg. - 16" Hg.
- Static-conductive Internal Dust filter with PTFE Pre-filter
- 1.5" Material inlet
- 15 Gallon Stainless Steel collection container with static conductive casters
- 1.5" Universal Tool Kit
- Static-Conductive High Pressure Compressed Air Hose 0.5" X 25' Long
- Quick Disconnect Coupling 0.5", Brass. with check valve
- Coiled Cable bonding kit from cover to container base

TECHNICAL DATA:

- * Single venturi power unit
 - Maximum suction power 16" HG (208" H2O)
 - Maximum air flow 100 SCFM
 - Suction connection 1.5"
 - Air operated, requires 35 SCFM @ 60 PSI compressed air
 - Compressed air connection 1/2" NPT (female)
 - Noise level 79 DBA @ 6" Hg
 - Standard finish Bead Blast



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The OSHA National Emphasis Program for Combustible Dusts, initially released in October 2007 and re-issued for emphasis and increased enforcement in March 2008, has generated many inquiries about suitability of VAC-U-MAX Industrial Vacuum Cleaning Systems for use in Class I, Division 1 environments.

VAC-U-MAX compressed-air powered vacuums, Catalog # 73644/02 are the first-line offerings for Class I, Division 1 environments due to their bumper-to-bumper grounded and bonded design and their reasonable cost and availability. Design for dry only applications, no liquids. These vacuums meet the NFPA 77 requirements for grounding and bonding. These vacuums also meet the definition of an "intrinsically-safe system". VAC-U-MAX air-powered vacuums do not use electricity and do not generate any heat from operation.

The VAC-U-MAX Catalog # 73644/02 air vacs are a "system" and they include the vacuum cover, 15 gallon drum, cleaning tools, compressed air hose with quick-disconnect fittings and vacuum hose. There are no components that are supplied by the customer and we are therefore able to offer a suitable-for-service certification in a Class I, Division 1 environment. The specific static control components of this vacuum are:

- * Metal vacuum cleaning tools.
- * Stainless steel anti-sparking material of construction.
- * Static-conductive compressed air hose with Brass quick-disconnect fittings.
- * Static-dissipative vacuum hose

If the compressed air piping network in the facility is grounded (as it should be), then the VAC-U-MAX vacuum will be grounded automatically, eliminating operator error due to failure to connect separate ground wires.



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Compressed air powered-
No Electricity! No Heat!

Handle for easy mobility

Internal Static-conductive dust filter
with PTFE Pre-Filter
(Not Shown)

Static Conductive Poly Bags
(Qty. of 10 included)

Vacuum Equalization Kit
(Not Shown)
For poly bag loading

Stainless steel anti-sparking
construction

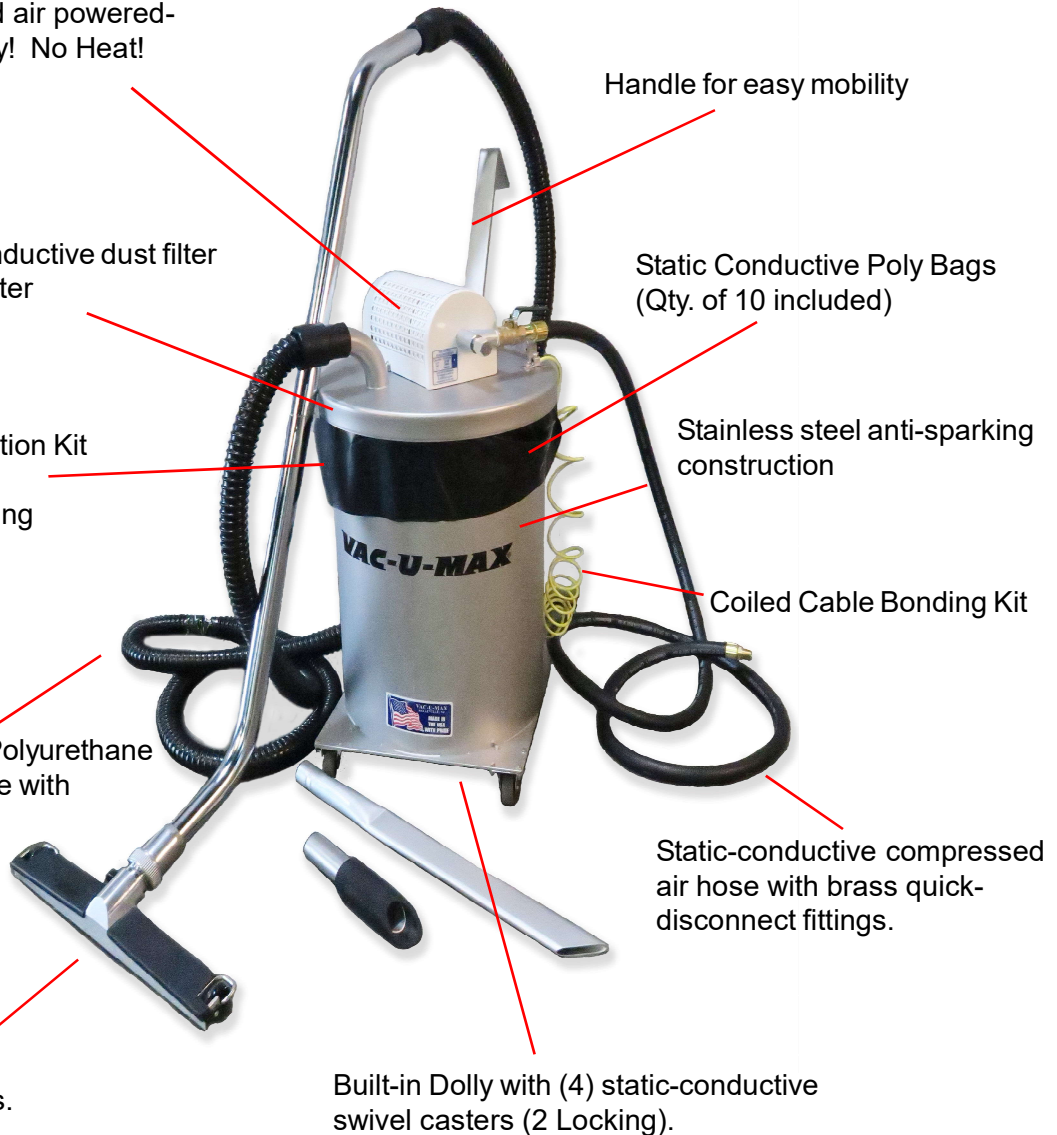
Coiled Cable Bonding Kit

Static-conductive Polyurethane
ATEX vacuum hose with
end cuffs

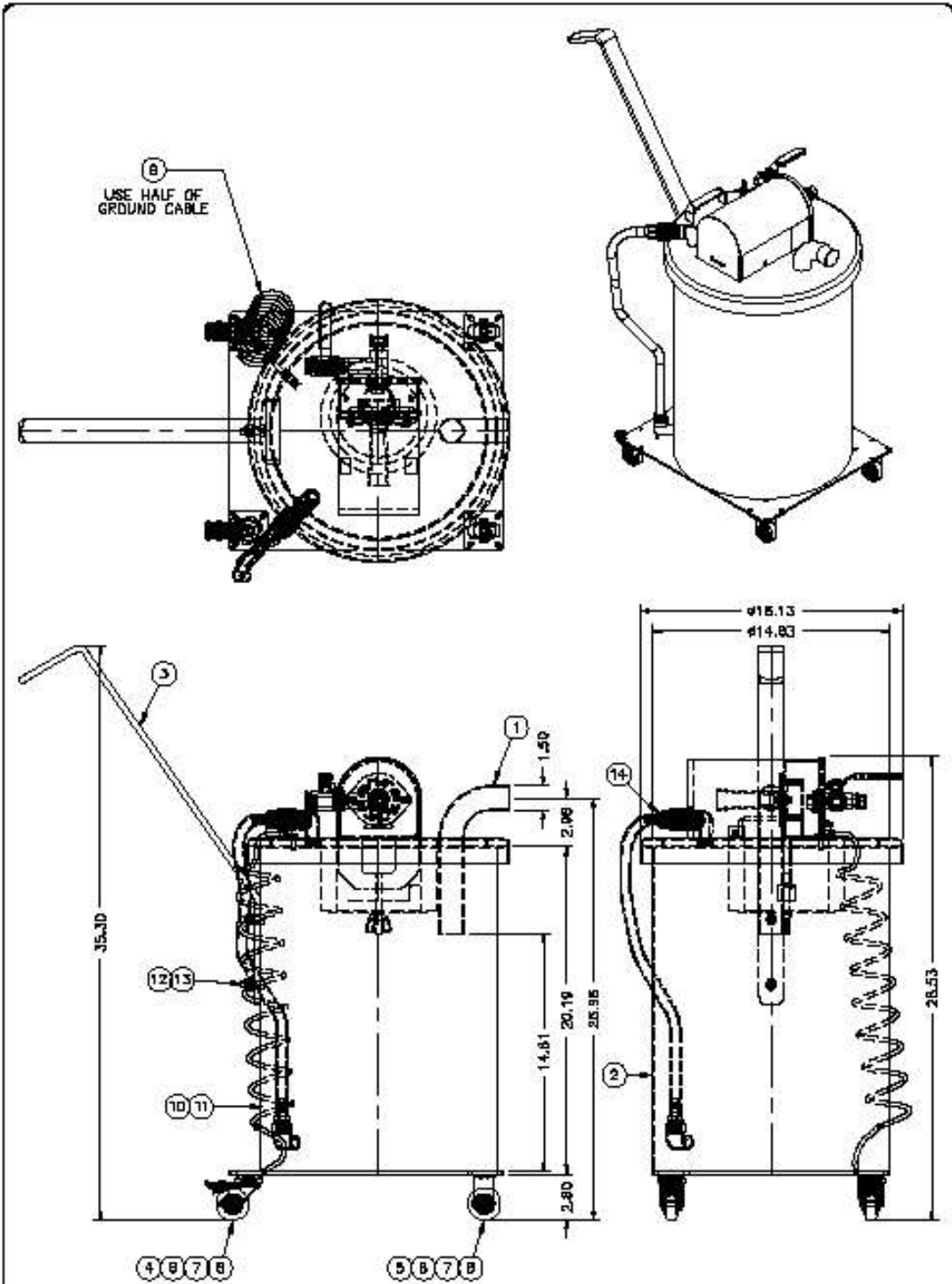
Static-conductive compressed
air hose with brass quick-
disconnect fittings.

Metal tools.

Built-in Dolly with (4) static-conductive
swivel casters (2 Locking).



DWG.# B34122.061



PART #	MAT'L
73644/D1	SS/VAR

NOTE:
 THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO VAC-U-MAX. THIS DRAWING MAY NOT BE REPRODUCED WITHOUT THE EXPRESS WRITTEN PERMISSION OF VAC-U-MAX.

REVISION NO.	REV. REASON	BY	DATE	APPR.
VAC-U-MAX				
MODEL 15 AIR VAC ASSEMBLY SINGLE JET POWER UNIT				
DESIGNED BY: ECA	DATE: 10/04/81	PRICE: 55885001	SHEET # 1 OF 1	
DRAWN BY: ECA	NO. 042817	REV. FILE NAME: 34122061	DWG. NO. B34122.061	
APP. NO.:	REV. 1 - 5			