



Product Range of Materials Handling and Cleaning Systems

MKH Business Limited are proud to offer the Jet-Vac® Product Range of materials handling and cleaning systems.



These high quality industrial compressed air powered wet/dry materials handling and cleaning systems are manufactured by a BS EN ISO 9001 Company, in England, and they can be specified as an ATEX approved Variant. They can be finished in your own Corporate Livery, complete with Company Logo's if required.

The Jet-Vac® Product Range operate on the Venturi principle creating a vacuum inside a container by means of compressed air

Features and Benefits of this Product Range include:

They are **SAFE** and can be used static and the ATEX approved version can be used in hazardous areas.

- **No fire risks. No moving parts**
No electrical problems
- **Powerful suction exceptional performance**
- **Wet & Dry collection**
- **Portable or Static**
- **Custom Build Models also available, on request.**
- **Manufactured in mild steel, aluminium or stainless steel**
- **Variety of Sizes - Receptacles available from - 10 litre drum / 200 litre drum/hoppers & bowsers**
- **Suction & discharge systems that are ideal for Aerospace, for Maintenance and cleaning applications and can be specified as the ATEX approved Variant for Hazardous applications including Fuel Tank purging.**
- **Being Portable it may be transported to any part of the Company**
- **Capable of 100' & over vertical/horizontal pick-up.**
- **SILENCING - A reduction in noise level has been obtained by silencing the standard unit as follows: Un-silenced at 80 psi. at a distance of 1 metre 101 dcb.; Silenced at 80 psi. at a distance of 1 metre 80 dcb. This is well below the action level limit as outlined by European Community directives.**
- **Simple to Operate.**

Jet-Vac® Product Range - Technical Information


Air feed hoses.	Air feed hoses in standard ranges of ½ in., ¾ in., 1 in., 1¼ in., 1 ½ in. in twin braid rubber ranging up to 500 ft. lengths
Hose couplings	Hose Couplings can be supplied in 1½ in., 2 in., 3 in. and 4 in. in brass, aluminium or hard nylon. By the use of these hose connections any length of hose can be connected to meet your requirements.
Tools	A full range of cleaning tools in 1¼ / 1 ½ in. and 2 in. sizes are carried in stock. Special tools can be manufactured to your design or requirements for all types of cleaning or material handling applications. Tools can also be plastic coated on request.
Hoppers, Silos, etc	These can be manufactured in all shapes and sizes from specified materials to your requirements.
Valves	Disc Valves can be supplied to meet your demands from 3 in. to 10 in. either hand operated; lever operated, pneumatically operated, or flap valves up to 24 in. diameter.
Suction hoses	1½ in., 2 in., 3 in. and 4 in. I.D. lightweight rubber, smooth bore wire reinforced suction hoses can be obtained in lengths of up to 60 ft. The same bores are supplied in P.V.C. Nylon reinforced in lengths of up to 300 ft. Anti-Static, abrasive resistant, oil resistant and food quality hoses are also available.
Materials	All standard models are in Mild Steel and Aluminium. Prices can be given upon application for Stainless Steel, Brass, Copper, Aluminium, etc., either wholly or contact parts in these materials and may be plastic coated if required.

Models	Mini Vac	Med V1	Med V2	JV1A/JV1A	JV2
Weights	22lbs	29 lbs	39 lbs	49/57lbs	58 lbs
	JVA	Mini JVI	Med JV1	JV1	JV2
Vacuum in inches Mercury at 80 psi	17ins	17ins	17ins	17ins	17ins
Minimum Air Pressure required	30 psi	30 psi	30 psi	30 psi	30 psi
Air Consumption at 40 psi	49 cfm	49 cfm	49 cfm	49 cfm	98cfm
Air Consumption at 80 psi	85 cfm	85 cfm	85 cfm	85 cfm	170cfm



Model Summaries - Features and Benefits

Jet-Vac Junior

	<ul style="list-style-type: none"> • Offers High Power Suction • A new outlook on cleaning. • Powerful, light-weight, compact and versatile. • The Junior can perform a multitude of plant cleaning jobs faster than conventional vacuum cleaners without the breakdown problems and high repair costs of conventional electrical cleaners.
Technical Information	
Vacuum at 80 psi	17" Mercury
Minimum Air Pressure Required	30 PSI
Suction Hose Bore Size	1 ¼", 1 ½", 2"
Air Hose	¼" Minimum Bore
Weight	22 lbs
Air Consumption	
At 30 PSI	10 CFM
At 50 PSI	15CFM
At 80 PSI	22°50 CFM

It is hard to believe that a cleaner so small could accomplish such a big job. J.V. Junior could save you a lot of money not only on labour, but on repairs to the electric units you may be using at present.

- **Safe** - Can be used in non-static and hazardous areas.
- **Efficient Filter System** - To combat fine media and powder blowback.
- **Reliable** - Will keep working at full efficiency as opposed to electric vacuum, which gradually depreciates.
- **Compact** - Small and compact. Can be operated in areas which would normally be inaccessible.
- **Specials** - Full range of cleaning tools. Specials can be designed and manufactured to suit your application.

Mini-Vac J.V.1 and J.V.2

12" Outside dia..x 11½" deep.

The Mini-Vac has a single or double venturi system and is **for use where a very small unit is required**. Suction inlet 1 1/2" or 2" diameter and a 1/2" compressed air connection. Both units have the same suction power as the standard counterparts. JV Junior - Mini v1 - Mini v2 can be fitted to an adaptor plate to accommodate housing on a 40 gallon drum.

Model J.V.1

24" Outside dia. x 17 ½" deep

This model has a 2 in. suction inlet and a ½ in. compressed air connection and **fits a standard 40 gallon or 55 gallon drum**. It can be converted to suit large tanks or hoppers. The unit is placed on top of the drum and when the compressed air is fed into the Unit it creates a vacuum in the drum, thereby clamping itself down. Due to the air displacement, a suction is created and materials which will pass through a 2 in. suction hose are passed directly into the container. The vacuum is immediately shut off the moment the drum is full, thus releasing the Jet-Vac from the drum. This can then be easily removed by one man. The Jet-Vac is not fastened or fixed to the container in any way. Suction alone holds it in position.

Model J.V.2

24" Outside dia. x 17½" deep

The Jet-Vac V.2 Unit operates in the same way as the V.1 Unit but is twice as powerful. It can be fitted with a 3 in. suction inlet for bulky materials but it is usually fitted with a 2 in. suction inlet thereby attaining a greater air velocity for the heavier material applications. The V.2 Unit has a ¾ in. compressed air connection.

Please contact us to discuss your Specific Requirements, to confirm current Specification Details of Specific Models and to obtain current Availability, Price and Delivery information for these Products.

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