

BIG BRUTE

British Made Big Industrial Vacuum Cleaners



Suck & Pump



Skip Tip



Big Brute Warehouseman



Suck & Dump



Wet & Dry



HEPA Filters

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Company Information

You are no doubt reading this because you have an industrial cleaning situation to address and you are wondering if we can offer you a solution and how much it would cost.

I could write in here a whole load of corporate gush about Big Brute vacuum cleaners, our family business operation that designs and manufactured them and our thirty years in business, but I will spare you all that.

You can read all about the Big Brute's revolutionary cleaning power over the following pages. So let's get down to brass tacks. Big Brutes will do the following for you with power, practical efficiency and economy.

Big Brute will save you money by: -

Slashing your production machine downtime.
Slashing labour costs on factory cleaning.

Big Brutes tackle: -

Fine dusts over large floor areas.
Big lumps.
Grit and gravel
Gets deep into inaccessible places.
Water, Oils, Sludges,
Swarf and factory waste to name but a few items.

Health and safety emptying.

Just look at the many safe ways of emptying a heavily loaded Big Brute.

Help and assistance.

Discuss your situation and requirements with our practical sales engineers by phone or on site. They will quickly guide you to a satisfactory solution.

Have a free demonstration and see the Big Brute power in action for yourself

Let us prove this to you by demonstrating the Big Brute in action in your own works.

Special machines. If a standard production model will not do, then we will design and build a special for you.

See the back cover for special machines that we have designed and manufactured to meet customer's specifications. We can even supply a Big Brute in your company colours!

Thank you for your interest, we look forward to doing business with you.
Michael Williams

Big Brute Dry Range

This catalogue simply cannot convey to you the sheer smash through cleaning power that a Big Brute can offer you. To use one will be a totally new experience for you.

This Dry range of Big Brutes is designed to handle dry and damp materials.

(For liquids or solid material that is constantly dripping with liquid please consider the Big Brute Wet & Dry range of machines starting on page 15.)

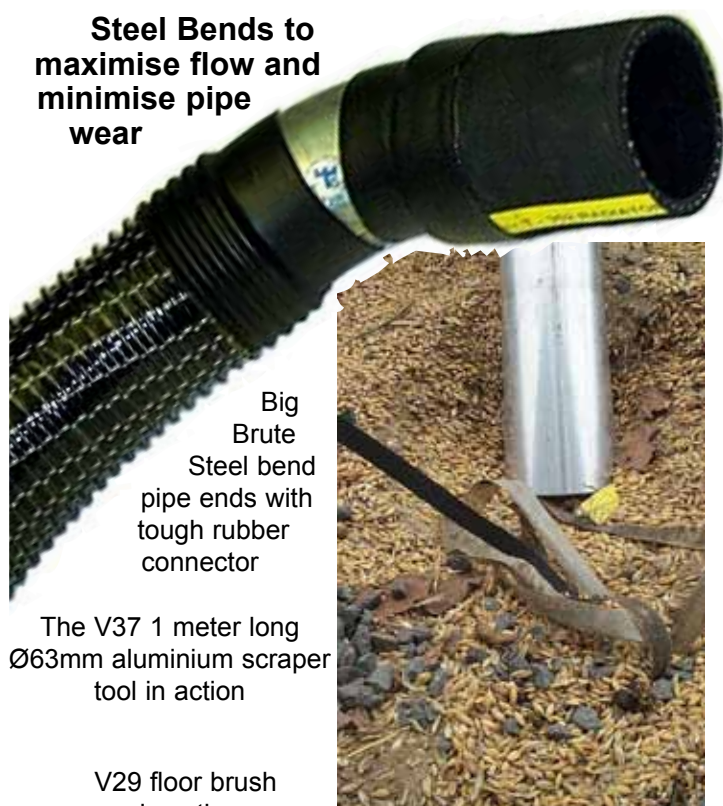
These Dry Big Brutes are designed to enable you to launch an all-out ferocious cleaning attack on your factory or farm and then to enable you to keep it clean. Fine dusts, granules / gravel or big lumps, are all devoured enthusiastically by the Big Brute.

Operators enjoy using its power, big diameter hose, its long, long reach and large capacity storage.

A Big Brute simply lets you get on with the job without fuss or bother year after year.

Have a FREE demonstration on your site and experience the Big Brute Cleaning Power.

**Steel Bends to
maximise flow and
minimise pipe
wear**



Big
Brute
Steel bend
pipe ends with
tough rubber
connector

The V37 1 meter long
Ø63mm aluminium scraper
tool in action

V29 floor brush
in action



Big Brute Popular



The Big Brute Popular has been designed and built to withstand the common arduous duties to be found around the factory and production environment. Its awesome power has to be seen to be believed. Even after the most serious abuse, Big Brute will continue to perform where others would have given up.

It is available on a 2 or 4 wheel trolley.

The Basic Model Comprises:

Power	3 x 1.2Kw motors
Drum Capacity	205 litres, including filters and heavy duty inlet spigot
Filters	Standard
Hose	Ø63mm with steel bends and rubber couplers (length as selected)
Trolley	Heavy duty, 2-wheeled galvanised with rubber wheels
Tool	1meter long Ø63mm aluminium scraper
Cable	10 meters with plug

Power Options - 230v, 115v, Compressed Air

Popular Options

4-wheel trolley (page 9)
Suck & Blow power unit (page 11)
Stainless steel power unit (page 11)

Accessories

Floor Wall & Ceiling hand tool kit (page 12)

Big Brute Warehouseman

Dust Free Floor Cleaning



Big Brute Warehouseman in operation on fine dust.



Heavily soiled floors cleaned in one pass.

Totally demolish that arduous floor cleaning chore and quickly transform your factory. Quickly clean large dusty floor areas without releasing any dust into the air. The Big Brute Warehouseman gives you clean dust free floors over large areas - FAST.

All that fine floor dust that your fork lifts have been grinding into a super fine powder for you, presents no problem to the Warehouseman. Simply lower the 710mm (28") wide front floor brush onto the floor, switch on and off you go at walking speed pushing the machine along easily on its four wheels by means of the "easy push no strain" handles. It is as easy and simple as that.

The Basic Kit:

Power	3 x 1.2Kw motors
Drum Capacity	205 litres, including filters and heavy duty inlet spigot
Filters	Standard
Hose	Ø63mm with steel bends and rubber couplers (length to suit)
Trolley	Heavy duty, 4-wheeled galvanised with brake
Floor Brush	710mm wide brush kit
Tool	1 meter long Ø63mm aluminium scraper
Cable	10 meters long with plug

Power Options - 230v, 115v, Compressed Air

Popular Options

Suck & Blow power unit (page 11)
V39a Extra Large Filter (page 11)

Accessories

Floor Wall & Ceiling hand tool kit (page 12)



Warehouseman with hose and hand tools



Front brush locks in up position when not in use



For floor cleaning we would recommend the **Extra Large Filter**. All dry Big Brutes are delivered with a Standard Filter as part of the kit and included in the price. To Supercharge the Big Brute for fine dusts over large floor areas we would recommend that you fit the Extra Large Filter. (See page 11)

This Extra Large Filter converts some of the Big Brutes large waste holding capacity into extra filter capacity. For very large area floor cleaning the addition of a **Filter Shaker** would speed up the operation even more. (See page 11)

Big Brute Suck & Dump - Mobile

From Big Brute to Skip in One Trip. The fork-lift friendly Big Brutes.

Flat Base



Cone



These machines can be pushed around the site on their four wheeled trolleys sucking up waste, and emptying it just like the Warehouseman or Popular models on pages 3 & 4. It can also be emptied using the built-in fork lift sockets. The machine can be raised with your fork lift safely over a high sided skip where the bottom flap discharges the contents of the Big Brute directly into the skip. These units are ideal for recycling material into process hoppers.

We offer two models - the Flat Base and the Conical Base. Both are available as Popular or Warehouseman models. They use exactly the same accessories. Therefore, please consult the relevant pages for details.

The Big Brute Suck and Dump machines can dump their contents straight out of the base of the drum. A large airtight flap is built into the base of the drum. Once the drum has been lifted into position over the dump point, the flap can be safely released. Once the drum is empty, the flap can be safely re-locked into position.

Some material may be left behind on the cheeks of the flat based model, whereas the conical hopper unit will completely self empty.

Two sizes of forklift tine slots are available

Power Options - 230v, 115v, Compressed Air

Popular Options

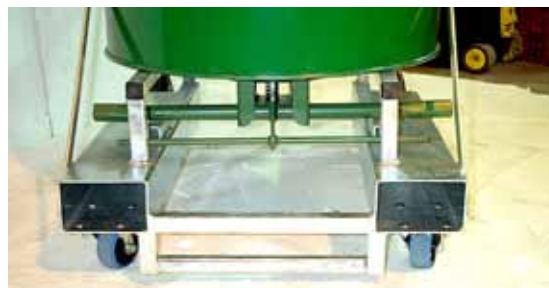
Suck & Blow power unit (page 11)

V39a Extra Large Filter (page 11)

Accessories

Floor Wall & Ceiling hand tool kit (page 12)

710mm Warehouseman Front Brush



Big Brute Suck & Dump - Static



Use Big Brute Power to collect material and to decant material.

We offer a range of options that are listed on the opposite page.

We would recommend that you consider the extra large filter and the filter shaker with these models.

Often the power unit is taken from a fully mobile Big Brute that is used on site for cleaning or other duties.

A) Big Brute Power Unit

V148 230v

V150 115v

B) Filter

V39 Filter or

V39a Filter

C) Filter Shaker

V39b Filter Shaker (Only if V39a is fitted)

D) Spigoted Drum

with flat base, flap & catch

E) Spigoted Drum

with cone base, flap, catch and cone support legs

F) Spigoted Drum

with cone base, air operated flap and cone support legs

G) Air Operated Flap

Compressed air operated flap (fits cone only) supplied complete with 30 metres of air pipe, actuator valve and flow regulator valve. Requires a compressed air supply.

H) Interceptor Lids

V372 Standard Interceptor Lid

V373 Fit all Interceptor Ltd

I) Plain Drum

with flat base, flap & catch

J) Plain Drum

with cone base, flap, catch and cone support legs

K) Plain Drum

with cone base, air operated flap and cone support legs

L) Entraining hopper

Hopper to catch dumped material. Fitted with bottom slide for material flow control, dust vent and bottom bag holding lip. Not suitable for compressed air flap operation
Hopper & slide to fit new drum
Hopper & slide to fit to existing drum

M) Basic Stand

No floor. All welded construction. Paint finish. Approximate size 1.3 x 1.3 x 2m tall

N) Full Stand

with ladder, floor & hand rails. All welded construction. Paint finish. Approximate size 1.4 x 1.7 x 3.1m tall



Big Brute Suck & Dump - Static

A



B



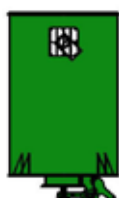
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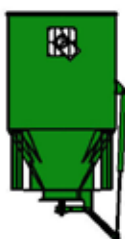
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F



G



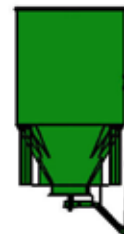
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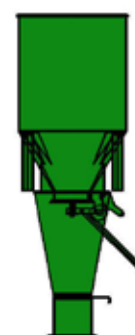
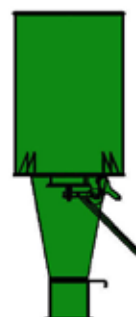
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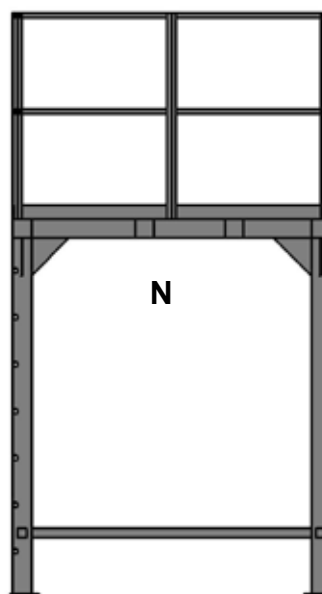
L



M



N



Big Brute HEPA Filter



The HEPA (High Efficiency Particle Arrester) filter Big Brute offers all the aggressive power of the Big Brute but with the HEPA final filtration facility. The machine uses the standard Big Brute filters to progressively remove particles from the air passing through it.

Finally the normally filtered air is then passed through a very large capacity HEPA filter which is housed in a protective container on the machine. The HEPA filtered air is then passed out to atmosphere.

The HEPA filter is issued with its own certificate.

Power Options - 230v, 115v

Popular Options

V39a Extra Large Filter (page 11)

Accessories

Floor Wall & Ceiling hand tool kit (page 12)
710mm Warehouseman Front Brush



Easy Empty Lift Off Bucket Fork Lift or Crane Lift 500kg



This machine performs all the functions of the Big Brute Popular and Warehouseman models, whilst retaining their awesome power. It is designed and certified to handle loads of up to 500Kg. Emptying of heavy loads has to be undertaken by crane or fork lift. Light loads can be emptied by hand.

The loaded bucket is lifted by means of a quick-fix attachment bar. The bucket is then positioned over the dump point. A trip handle is inserted into the base of the suspended bucket. This trip handle releases the self-locking latch, which opens a steel door on the base of the bucket, so discharging the load.

The steel door can be closed by hand or by placing the bucket on the floor prior to relocating the bucket back onto the Big Brute base unit.

Power Options - 230v, 115v, Compressed Air

Popular Options

Suck & Blow power unit (page 11)
V39a Extra Large Filter (page 11)

Accessories

Floor Wall & Ceiling hand tool kit (page 12)
710mm Warehouseman Front Brush



Compressed Air Powered



The compressed air power unit will power any model of Big Brute, wet or dry except for the HEPA filter. The Big Brute Floodman and the Big Brute Suck & Pump are available with compressed air powered pumps too.

The standard Big Brute filtration system still applies.

Big Brute Trolleys

Big Brute trolleys (except the Economy Vac) are of heavy duty welded steel construction and are designed to withstand years of heavy work. They are hot dipped galvanised after welding for maximum protection.



Big Brute Economy

Lightweight, full power.



The Big Brute Economy Vac with trolley, pipe and scraper tool.

The Economy Vac is a lightweight, light duty, yet powerful unit. It offers all the power of the other dry Big Brutes but without the rugged construction. It is only suitable for dry conditions.

We do not recommend this machine for arduous heavy duty applications. Please feel free to discuss your application with our Sales Engineers.

Complete with:

Power	3 x 230v 1.2Kw motors, single switched.
Drum capacity	205 litres, including filters
Filters	Standard
Hose	Ø63mm Bends are the actual flexible pipe itself with plastic connectors (length to suit)
Trolley	Light duty 4-wheeled painted steel construction with rubber wheels
Tool	1 meter long Ø63mm steel scraper
Cable	10 meters long with plug

Power Options - 230v only

Popular Options

Trolley
Suck and Blow power unit

Accessories

Extra large filter
Extra Economy Vac hose and hose couplers
Economy Vac tools
Economy Vac 710mm front mounted floor brush kit

Please note that Economy Vac hose and tools are not interchangeable with any other Big Brute machines.

Skip Tip Trolley

Available for dry only or wet & dry



Safe heavy load handling and high level emptying to suit any Big Brute.

Emptying by hydraulic hand pump which safely rotates the loaded Big Brute drum.

Easy Empty Lift Out Bag 150kg



Lift heavy loads recovered by your Big Brute, wet or dry, by means of the lift out bag.

The material is collected in a heavy duty reusable bag positioned inside the Big Brute.

The bag is removed by fork lift or crane and emptied by releasing the rope tie at the base of the bag.

Rated to 150kg



Big Brute Dust Extraction Kit

Use your Big Brute as a mobile dust extraction unit



The Big Brute Dust Extraction kit (D.E.K.), was designed to fit any dry Big Brute either at the time of purchase or retro fitted to an existing machine.

The extracted dusts are drawn through a 125mm pipe, 3 metres in length. This is positioned near the source of the dust. This unit is ideal for bagging points, auger collection points, lathes, routers and machines which create dust for a short period of time.

The D.E.K. hose can be disconnected and the standard suction hose added for conventional cleaning, within a matter of seconds.

Kit Includes

Basically you add the D.E.K. port to any dry machine.

- D.E.K.**
- 1 x Ø125mm port
 - 3 metres of Ø125mm flexible hose
 - 1 x 125mm bung
 - 1 x 63mm bung
 - 1 x extra large filter

Power Unit

Select your dry machine with your chosen power unit



The arm is an optional extra

Big Brute Power Units Dry Models

Power

All Power Units will fit all models of Big Brute. All Big Brute Power units are fitted with 3 x 1.2kw motors.

Operating Voltage

Big Brute Power Units are available with either 230 volt or 115 volt motors (except the Economy Vac which is only available with 230 volt motors)

Overheat protection.

All Big Brute Power units have overheat protection units fitted to each motor. In the event of the Power Unit being unable to cool itself adequately, the Unit will automatically shut itself down well before any overheat damage can occur.

Standard Plastic Power Unit.

This lightweight unit is our most popular Power Unit.



Stainless Steel Power Unit

Stainless steel, quieter in operation.



Suck and Blow Power Unit.

Heavy duty construction, either Galvanised or Stainless steel power unit which discharges the spent exhaust air through a 63mm diameter outlet port enabling all your suction pipe and tools to be used to direct a very powerful air blast to assist in the cleaning process.

A powerful blast of air will shift inaccessible dust and debris, which no amount of suction could shift.

So with the Suck and Blow Power Unit you can blast dirt off the machinery and buildings and then change over the connection port on the Big Brute and use the same machine for cleaning up.



Stainless Steel Power Unit



Galvanised Power Unit

Big Brute Filters

All Big Brute Power units are fitted with their own motor protection air filtration units.

In the event of the operator forgetting to replace the main filter unit after emptying, the motor protection filter will still protect the motors and the emissions

Most of the separation of the air from the dust inside a Big Brute is achieved by cyclonic effect. Only a small percentage of the sucked in dust actually meets the filter.

All the spent air passes out through the filter system. There are two filter systems inside each Big Brute.

The Standard Primary Filter (V39)

Supplied with every dry, or wet & dry Big Brute. Maximises drum waste holding capacity.



The Extra Large Primary Filter. (V39A)

This filter is used where the Big Brute is picking up fine dusts for long periods between emptying as in the case of floor cleaning. Recommended as an extra for Warehouseman models.



The Secondary Filter

(V40) Attached to the power unit. This acts as a safety filter in case of physical damage to, or indeed the absence of, the Primary filter.



The Filter Shaker (V39B)

This manual filter shaker is used with the Extra Large Primary Filter to enable the operator to shake the filter by means of an external handle thereby increasing the efficiency of the Big Brute over long periods of continuous fine dust operation as in the case of the Warehouseman.



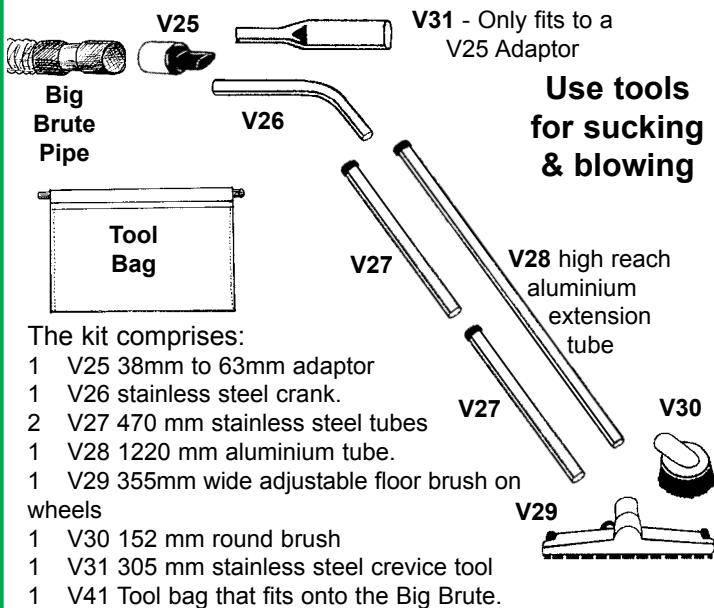
Special filters

Available for special applications such as carbon dust.

Accessories for Dry Big Brutes

The Big Brute Floor, Wall & Ceiling Hand Tool Kit

This is a selection of long reach stainless steel and aluminium tools that enable you to cover large areas, attack walls, reach into roofs and to poke into small confined places.

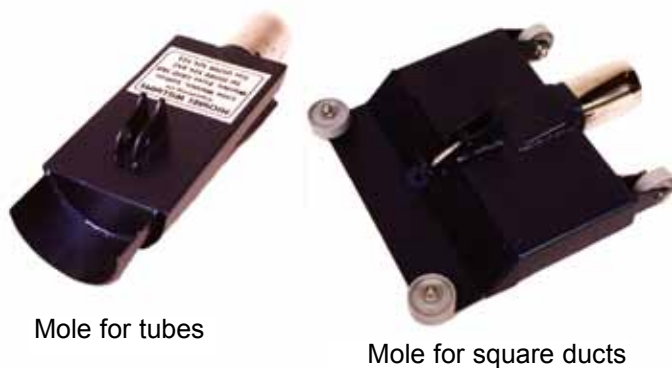


The Mole Under floor cleaning tool

Primarily designed to clear between the laterals of drying floors in large grain stores, the Mole has found its way into industrial applications. By simply connecting the Mole to the Big Brute pipe, it can be pushed through the offending under-floor corridor with the use of drain rods, clearing the way as it goes.



Tailor-made to fit your floors, the sizes range from 175mm through to 300mm. Please call regarding your requirements.



Warehouseman Conversion Kit



To convert your existing 2 wheeled Big Brute Popular unit into a 4 wheeled Big Brute Warehouseman

Rafter Tools

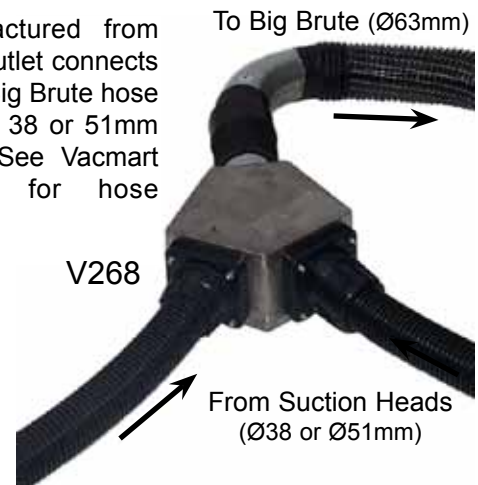


Usually used in conjunction with the Suck & Blow power unit, the Rafter Blaster enables the operator to accurately direct the powerful jet of air generated by the Suck & Blow to the desired area. Constructed from stainless steel, the Rafter Blasters' angle can be adjusted to suit the job in hand.



Suction Pipe Splitter

Unit manufactured from mild steel. Outlet connects to standard Big Brute hose coupler. Inlet 38 or 51mm connectors. See Vacmart accessories for hose prices



Accessories for Dry Big Brutes

Scrape Out Tool



a) The V240 Big Brute Scrape out tool.



b) Scrape the heavy load out of the Big Brute.



c) Tip out the remaining light load.

Polythene waste bags



Contain waste entering your Big Brute in a disposable polythene bag which completely fills the empty drum.

Once the waste is trapped in the polythene bag, it is a simple matter to decant the sealed bag onto a pallet for dust free disposal.



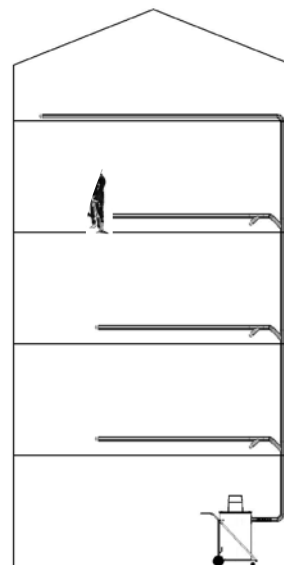
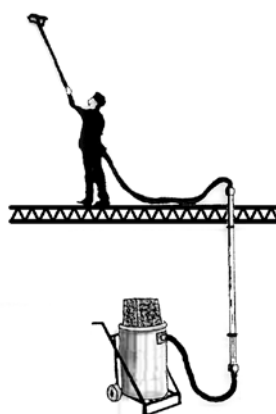
Big Brute Fixed Steel Pipe

Take the awesome suction power of the Big Brute deep into your plant, by installing this steel pipe system. Many items are available in stainless steel which we have found to be more economical than using aluminium or mild steel.

Suck waste 100's of feet into the Big Brute.

We offer site surveys and computer design.

Extend your cleaning range by installing fixed steel pipe deep into your plant, then attach standard Big Brute hose to either end of this fixed pipe.



Fill your own drums - Dry or Wet & Dry

Leapfrog



Using all the key attributes of the standard dry, and wet and dry units, massive power, filtration that works and large bore pipe, the Leapfrog range offers the user the added advantage of being able to fill their own drums. This is ideal for any type of application, especially ones which involve the collection of a material which can not be mixed with another such as swarf, ready for recycling, or for the storage and reintroduction of a commodity back into a process.

The Leapfrog system comes in two main parts, the power unit/lid, and the filtration section, making it simple to use and easy to store. As the filters are stored in the Leapfrog itself, the drum can be filled almost to the top, depending on material. Just add your required length of hose and tools from the Floor, Wall & Ceiling kit and use the Leapfrog like a standard Big Brute.

The Kit includes:-

- Power unit** 3 x 1.2kw motors. Dry or Wet & Dry
- Filter unit** Including filters. Suitable for selected machine.
- Hose Ø63mm** Dry unit - Choose either 5, 10, 15 metres of the standard hose.
Wet & Dry - 3 metres of polyurethane as standard.
- Scraper tool** 1 metre long Ø63mm
- Power cable** 10 meters long with plug.

Power Options - 230v, 115v, Compressed air

Popular Options

Suck & Blow power unit page 11 (Dry Model)

Accessories

Floor Wall & Ceiling hand tool kit (page 12)

Interceptor Lid



Open top 205 litre option

The ideal solution for those who want to fill their own drums like the Leapfrog, but still need a portable multipurpose Big Brute. Fill your own drums by harnessing the power of any Big Brute. Place the Interceptor Lid on to any open topped drum and fill it directly ready for storage or disposal. Once your drum is filled move the lid on to your next drum and repeat.



Tight Head Drum Filler

This steel device screws into the top of your drum. Connect the suction inlet to the Big Brute using standard Big Brute suction hose. Connect the other inlet to 38mm pipe and cuff.



Big Brute Wet & Dry Range

An introduction

"We know what cleaning jobs we want to do, but we cannot find a machine to do it. What we want is a vacuum cleaner with bags of power that will suck up water and sludge indoors and out of doors as well as dusts, powders or big spillages. We want a machine with long large diameter pipe that will handle big lumps without blocking up. We want a machine that will enable us to get on with the job and which we can then move around the site and empty easily"

We heard this so often that we now offer the Big Wet and Dry Brute range. (Up to approximately 4.5 litres per second of water over 15 metres of horizontal hose)



All wet model Big Brutes are fitted with an overfill liquid protection device. (no harm results if liquid does enter the sucking turbines, it cannot get into the motors). They also have as standard, a fine swarf-protection filter between the drum contents and the turbines to control very fine swarf.



Big Brute Wet machines are fitted with a 32mm diameter heavy duty drainage valve. For swarf draining, oil / water separation, or straight forward drainage emptying. The drainage valve inlet inside the drum is designed to minimise the opportunity for swarf to enter the valve.

Big Brute Wet & Dry



The amazing Wet and Dry will suck up water at the rate of one gallon/second. It can also tackle the same jobs as any Big Brute Popular and Warehouseman, combining the best of both worlds. It is easy to empty and will deal with large recovery of water, oils, coolants and sludges.

Complete with

Power	3 x 1.2Kw by-pass motors
Drum Capacity	205 litres
Filters	Wet and Dry
Hose	Ø63mm polyurethane with steel bends and rubber cuffs
Trolley	Heavy duty 4-wheeled rubber braked
Tool	1metre Ø63mm aluminium scraper tool
Cable	10 metres long with plug
Liquid overfill protection	

Power Options - 230v, 115v, Compressed Air

Popular Option

Safety circuit breaker (230v plug)
Sieve bucket 300mm deep

Accessories

Floor Wall & Ceiling hand tool kit (page 18)
710mm Warehouseman Front Brush or Squeegee

Big Brute Suck & Pump Wet Only



This powerful machine is ideal for the recovery and handling of liquids with some solids. It is ideal for recovering coolants. It can suck up water at approximately a gallon a second. Discharge of liquids is either by gravity low level dump valve, or by pump. The integral filter retains recovered solids. The external pump has a variable discharge rate from zero to 35 litres a minute. Automatic suck operation to pump operation power selector. Run it from a single 13 amp 230 volt power plug.

The basic Kit includes

Drum capacity	205 litres with automatic overfill protection.
Hose	3m of Ø63mm polyurethane suction hose Quick release pump out pipe connector. (Ø25mm)
Trolley	Four wheeled Glide along on nylon bearing wheels with brake.
Scraper tool	1meter. long Ø63mm aluminium.
Pump	Externally mounted discharge pump. 0.25kw pump motor.
Power cable	10m with auto protection safety trip plug.

Power Options - 230v, 115v, Compressed Air

Popular Option

Safety circuit breaker (230v plug)
Discharge Hose
Larger capacity discharge pump is available

Accessories

Floor Wall & Ceiling hand tool kit (page 18)
710mm Warehouseman Front Squeegee

Big Brute Swarfman Wet & Dry



The Swarfman has been designed to handle heavy swarf chippings and liquids at the rate of approximately a gallon a second. We designed it to meet the machine cleaning needs of large machine shops. The special rising tangential entry system allows heavy metal chippings the best access to the machine by minimising settlement of the heavy chippings in the pipe.

The Kit includes

Drum capacity	205 litres including filters, with automatic overfill protection.
Hose	3m of polyurethane Ø63mm see-through hose with steel bends and push pull couplers.
Trolley	Tough welded galvanised four rubber wheeled with brake
Scraper tool	1m long Ø63mm
Power cable	10m with auto safety protection trip plug (230v)

Power Options - 230v, 115v, Compressed Air

Popular Option

Superglide trolley
Sieve bucket 300mm deep

Accessories

Floor Wall & Ceiling hand tool kit (page 18)
710mm Warehouseman Front Brush or Squeegee

Big Brute Suck & Dump - Mobile (Wet & Dry)

From Big Brute to Skip in One Trip. The fork-lift friendly Big Brutes.

Flat Base



Cone



These machines perform all of the functions of the Wet & Dry models, whilst retaining their awesome power.

There are two basic models available; the Flat Base version and the Cone Base Version, both discharge via Ø85mm dump valves, with a second Ø32mm dump valve fitted in the Flat Base version only. These dump valves enable controlled metering of the flow of the discharging material.

The 60° cone hopper is intended to assist total discharge of free flowing material, where as the flat based version may not allow for complete discharge of certain materials.

Flat Base Drum Capacity 205 litres including filter.
Overall Width (Standard tines) = 585mm. Overall Width (Wide tines) = 640mm

The 60° cone drum capacity 167 litres including filter.
Overall Width = 885mm



The basic models comprise

Power	3 x 1.2Kw by-pass motors
Filters	Wet and Dry
Hose	Ø63mm polyurethane with steel and rubber cuffs
bends	
Trolley	Heavy duty 4-wheeled rubber
Tool	1metre Ø63mm aluminium scraper tool
Cable	10 metres long with plug
Liquid overfill protection	

Power Options - 230v, 115v, Compressed Air

Popular Option

Sieve bucket 300mm deep

Accessories

Floor Wall & Ceiling hand tool kit (page 18)
710mm Warehouseman Front Brush or Squeegee



Big Brute Floodman Wet Only



This powerful machine will suck up liquids and automatically pump empty itself at the same time without a pause in the suction operation. It can suck water at a rate of a gallon a second. It is ideal for the recovery of water from floods or continuous cleaning operations. It will take flooded areas from total flood conditions to damp conditions in one continuous operation.

It will handle free flowing slurries with solid objects of up to Ø10mm. An integral filter recovers oversize solids. The external pump can pump out faster than the suction can recover.

The basic kit includes

Powered By	Twin power cables each 10m long, each with auto protection safety trip plug. Suction powered by 3x 1.2kw by-pass motors. Pump powered by 1.5kw motor.
Drum capacity	205 litres automatic overfill protection.
Pump	Externally mounted discharge pump Fully automatic pump operation. Pump On/Off selector.
Hose	3m of Ø63mm suction hose.
Trolley	Tough welded, galvanised four rubber wheeled, braked.
Scraper tool	1metre long Ø63mm aluminium.

Power Options - 230v, 115v

Popular Option

Pump Out Hose

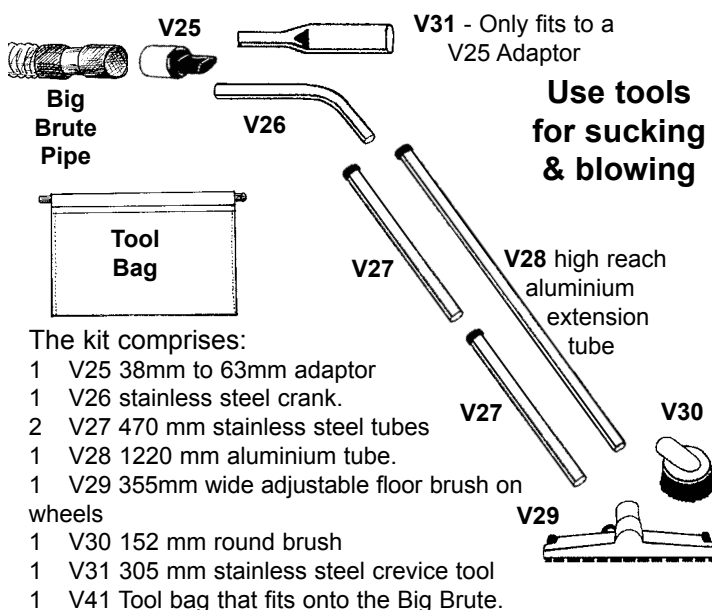
Accessories

Floor Wall & Ceiling hand tool kit (page 18)

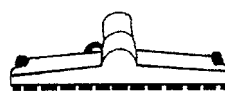
Big Brute Accessories for Wet & Dry Machines

The Dry Kit

This is a selection of long reach stainless steel and aluminium tools that enable you to cover large areas, attack walls, reach into roofs and to poke into small confined places.



The Wet & Dry Kit



**WET MODELS
ONLY**

V29A 355mm wide adjustable floor squeegee on wheels

**ADD THIS ITEM TO THE DRY
BIG BRUTE FLOOR, WALL &
CEILING HAND TOOL KIT ABOVE
TO FORM THE WET & DRY
BIG BRUTE FLOOR, WALL &
CEILING HAND TOOL KIT**

Big Brute Data & Technical Specifications

Compare BIG BRUTE pipe diameter with other "industrial" machines

Actual size

Most Big industrial vacuum cleaners have 2.5m of 38mm diameter hose.

38mm

Bigger vacuum cleaners have 3m of 51mm diameter hose.

51mm

The **BIG BRUTE** has 15m of **63mm diameter kink proof hose.** Add another 15m to make 30m.

63mm

HOSE SPECIFICATIONS

a) Standard Flexible Hose

This is a 2 ply PVC hose. Inner ply is black, outer ply clear with yarn reinforcing between the layers. PVC coated steel wire helix inside. Smooth bore, extremely flexible, not easily crushed under foot. Any antistatic characteristics are achieved by the steel wire helix being attached to the static electricity earthing system. Temperature Range -5°C to +85°C. Maximum length of one piece = 15 metres

b) Heavier Duty (Polyurethane) Flexible Hose

This is a high flexibility hose with excellent anti abrasion properties - six times better than PVC hoses. It is clear and extra smooth bore. It has immediate recovery from crushing even withstanding the weight of a man. PVC helix. Not having any metal in the helix at all, the hose cannot be attached to the antistatic clamp. Temperature Range -10°C to +70°C Maximum length of one piece = 20 metres

c) ANTISTATIC Standard Flexible Hose

The PVC of this hose is anti-static to a value of $<1 \times 10^6 \Omega$. We suggest that to get the very best results from this hose, you attach the PVC coated steel wire helix to the static electricity earthing system. Temperature Range 0°C to +70°C

Maximum length of one piece = 15 metres

d) Heavier Duty Smooth Bore PVC Flexible Hose

A special heavy duty hose. Semi rigid PVC with a white spiral, grey PVC wall with green external ribbon. Temperature Range -20°C to +65°C. Maximum length of one piece = 30 metres

New BIG BRUTE prices are quoted with hose included. If you wish to change the type of hose, subtract the hose type price as on the price list and add the selected hose price. Our Technical Sales office will be pleased to help you.



63mm Standard Big Brute Hose



63mm Heavier Duty Polyurethane Big Brute



25mm Big Brute Suck & Pump Delivery Hose

POWER CONSUMPTION

230v Machines

230 volt 15 amps 3600 watt

115v Machines

115 volt 28 amps 3600 watt

Compressed Air Requirements

Minimum air line bore 3/4" 19mm
Air consumption at 90 p.s.i. = 57 c.f.m.
6 bar = 1.6m³min⁻¹

PERFORMANCE

	Popular, Warehouseman & Easy Empty & Dry Leapfrog	Suck & Blow	Metal Head	Wet & Dry, Swarfman, Suck & Pump & Wet Leapfrog	Compressed Air powered
Noise Levels (approximate)					
db@1m	77	75	77	82	variable
Air flows (Max)					
Litres sec ⁻¹	130	130	130	130	113
Vacuum (Max)					
mm H ₂ O	2450	2450	2450	2450	4500

Special Big Brutes

If you do not see what you want in our catalogue, then rest assured, that we can design and manufacture the solution through our Engineering Department.



A mobile diesel generator powered machine was designed and manufactured for a major European Car manufacturer.

This vacuum unit was designed to cope with flash floods.

This stainless steel vacuum unit was designed to speed up the daily cleaning routine in a chicken processing plant.



This project was for Guinness. It runs along their railway lines and enables the Big Brute to reach deep into their production areas.