

**BIG
BRUTE**
INDUSTRIAL VACUUM CLEANERS



Michael Williams
Engineering

**TOUGH, RUGGED
& BUILT TO LAST**

MADE IN BRITAIN®

Amazes users with its tremendous suction power to clean up **big agriculture**:

- Fine dusts
- Clumps of sprouting grain
- Grain
- Damp grain

MADE FOR AGRICULTURE

- Long hoses to reach deep into grain stores
- Massive suction power to shift grain up and out of pits
- Clean on-floor stores fast
- Under floor cleaning attachments
- Large holding capacity
- 1 tonne suction bin option
- Many options for emptying heavy loads safely
- Tough and reliable
- Used throughout the world for many years
- Proved by users worldwide

All those difficult jobs
now made easy!



**Michael Williams
Engineering**

Delivering quality industrial solutions



50TH
ANNIVERSARY
1974-2024

MICHAEL WILLIAMS ENGINEERING IS CELEBRATING **50 YEARS** OF EXCELLENCE!

Michael Williams Engineering Ltd is a family-owned and family-run business, established in 1974. We are proud to be celebrating 50 years of serving agriculture and industries.

During those 50 years Mike Williams, who founded the company, designed and built the Big Brute Industrial Vacuum Cleaners and the Bangalore Bird Scarers. His passion was seeing a solution to a problem and then designing and manufacturing his vision, and this was extremely important to him. He has passed this legacy and passion on to both his sons who now run the company.

Michael Williams Engineering Ltd has always prided itself in developing solutions for its customers. Manufacturing here in the UK, our engineering expertise allows us to be extremely flexible and to be able to adapt and try new ways to improve and develop Big Brutes and Bird Scarers..

Michael Williams Engineering Ltd now has a large range of Big Brute models to tackle the many different types of clean-up projects around the globe in all industries. We would love to show how good these machines are, so we offer free*, no obligation demonstrations within your environment, so you can experience the 'Brute Power' of these machines.

**subject to location*



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Engineering**

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**BIG
BRUTE**
INDUSTRIAL VACUUM CLEANERS



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BIG BRUTE POPULAR

The Big Brute Popular is the original farm vacuum cleaner. It was designed with the farmer's needs in mind and will put up with the rough conditions on the farm. 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.

The basic model comprises:

Power	3 x 1.2 kW motors.
Capacity	180 litres capacity, including filters and heavy duty inlet spigot.
Filters	Standard.
Hose	Ø63mm with steel bends and rubber couplers (length as selected)
Trolley	Heavy duty, 4-wheeled with rubber wheels.
Tool	1 metre long Ø63mm aluminium scraper.
Cable	10 metres with plug.

Prices

All prices are Ex Works and exclude VAT, Prices valid from January 2024

The basic machine

3600W, 230V model complete with drum, 4-wheel trolley, a 1 metre long, 63 diameter aluminium scraper tool for big, rough cleaning and 10 metres of electric cable with plug.

Price of unit with 5m hose	£2,074
Price of unit with 10m hose	£2,174
Price of unit with 15m hose	£2,274
Superglide four-wheeled trolley with Nylon wheels (add to price of machine above)	+ £147

Hand tools

Floor, wall and ceiling hand tool kit	£270
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Other options (add to price of machine above)

V39A extra large filter	+ £205
V39B filter shaker system (Requires a V39A Extra Large Primary Filter - not included)	+ £244
Easy empty lift out Spigot	+ £124
Front-mounted floor tool (Brush and trolley conversion for 2-wheel trolleys)	+ £448
Front-mounted floor tool (For 4-wheel trolleys)	+ £389
Suck and blow steel power unit	+ £366

Accessories

The Mole Underfloor Cleaning Tool - Rectangular (175 - 300mm wide)	£264
The Mole Underfloor Cleaning Tool - V142 Round (159mm diameter)	£264
V80 Rafter Blaster Kit for Suck & Blow power unit	£147
V80A Rafter Suction Tool	£99
V313 Easy Empty lift out bag SWL 150kg	£106

Delivery

To UK mainland from	£79
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OPTIONS & ACCESSORIES

SUCK & BLOW POWER UNIT



FLOOR, WALL & CEILING HAND TOOL KIT



FRONT MOUNTED FLOOR TOOL



EASY EMPTY LIFT OUT BAG



BIG BRUTE
INDUSTRIAL VACUUM CLEANERS



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BIG BRUTE WAREHOUSEMAN

BIG BRUTE WAREHOUSEMAN

Cleans large dusty grain store floors

FAST!



Get your large floors clean of all that fine, ground-in dust, quickly and easily, without stirring up dust.

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. Clean 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.
Capacity	180 litres including filters and heavy duty inlet spigot.
Filters	Standard.
Hose	Ø63mm with steel bends and rubber couplers (length as selected)
Trolley	Heavy duty, 4-wheeled with brake.
Floor Brush	710mm wide brush kit.
Tool	1 meter long Ø63mm aluminium scraper.
Cable	10m long with plug

Prices

All prices are Ex Works and exclude VAT. Prices valid from January 2024

The basic machine

3600W, 230V model complete with drum, 4-wheel trolley (rubber wheels), a 1 metre long, 63mm diameter aluminium scraper tool for big, rough cleaning, 10 metres of electric cable with plug 710mm wide front-mounted floor brush and short connection hose.

Price of unit with 5m hose	£2,463
Price of unit with 10m hose	£2,563
Price of unit with 15m hose	£2,663
Superglide four-wheeled trolley with Nylon wheels (add to price of machine above)	+ £147

Hand tools

Floor, wall and ceiling hand tool kit	£270
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Other options (add to price of machine above)

V39A extra large filter	+ £205
V39B filter shaker system (Requires a V39A Extra Large Primary Filter - not included)	+ £244
Easy empty loft out spigot	+ £124
Suck and blow steel power unit	+ £366

Accessories

The Mole Underfloor Cleaning Tool - Rectangular (175 - 300mm wide)	£264
The Mole Underfloor Cleaning Tool - V142 Round (159mm diameter)	£264
V80 Rafter Blaster Kit for Suck & Blow power unit	£147
V80A Rafter Suction Tool	£99
V356 Easy Empty lift out bag 150kg	£106

Delivery

To UK mainland from	£79
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OPTIONS & ACCESSORIES

FLOOR, WALL & CEILING HAND TOOL KIT



SUCK & BLOW POWER UNIT



BIG BRUTE BULKMASTER



V39A EXTRA LARGE FILTER



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BIG BRUTE SUCK & DUMP

Like the Popular and Warehouseman, the Big Brute Suck & Dump machines can be pushed around the site on their 4-wheeled trolleys sucking up waste and emptying it. The Suck and Dump models can also be emptied using the built-in fork lift sockets. The machine is raised with your fork lift over a skip and the bottom flap discharges the contents of the Big Brute. These units are ideal for decanting seeds or grain into process hoppers. Once the drum is empty, the flap can be safely locked back into position.

We offer two models - the Flat Base and the Conical Base. Both are available as Popular or Warehouseman models, using exactly the same accessories.

The Conical Base model is ideal where you have to empty the Big Brute completely. The entry-level flat-based bottom is useful where this is not so critical.

Several sizes of forklift tine slots are available.

Prices

All prices are Ex Works and exclude VAT. Prices valid from January 2024

Suck & Dump Flat Base

The basic machine 3600W, 230V model complete with drum, 4-wheel fork lift trolley, a 1 metre long, 63mm diameter aluminium scraper tool for big, rough cleaning, 10 metres of electric cable with plug.

Price of unit with 5m hose	£2,876
Price of unit with 10m hose	£2,976
Price of unit with 15m hose	£3,076
Superglide four-wheeled trolley with Nylon wheels (add to price of machine above)	+ £147

Suck & Dump Cone Base

The basic machine 3600W, 230V model complete with drum, 4-wheel fork lift trolley, a 1 metre long, 63mm diameter aluminium scraper tool for big, rough cleaning, 10 metres of electric cable with plug.

Price of unit with 5m hose	£3,719
Price of unit with 10m hose	£3,819
Price of unit with 15m hose	£3,919

Hand tools

Floor, wall and ceiling hand tool kit	£270
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Other options (add to price of machine above)

V39A extra large filter	+ £205
V39B filter shaker system (Requires a V39A Extra Large Filter - not included)	+ £244
Front-mounted floor tool	+ £389
Suck and blow steel power unit	+ £366

Accessories

The Mole Underfloor Cleaning Tool - Rectangular (175 - 300mm wide)	£264
The Mole Underfloor Cleaning Tool - V142 Round (159mm diameter)	£264
V80 Rafter Blaster Kit for Suck & Blow power unit	£147
V80A Rafter Suction Tool	£99

Delivery

To UK mainland from	£79
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OPTIONS & ACCESSORIES



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BIG BRUTE ECONOMY VAC

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 operations.

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

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

Complete with:

Power	3 x 230V 1.2kW motors, single switched.
Capacity	180 litres capacity, including filters and inlet spigot.
Filters	Standard.
Hose	Ø63mm plastic connectors (length to suit)
Trolley	Light duty 4-wheel painted steel construction with rubber wheels
Tool	1 meter long Ø63mm scraper tool
Cable	10 meters long with plug.

Prices

All prices are Ex Works and exclude VAT, Prices valid from January 2024

Economy Vac

The basic machine 3600W, 230V model complete with drum, 4-wheel trolley, a 1 metre long, 63mm diameter aluminium scraper tool for big, rough cleaning, 10 metres of electric cable with plug.

Price of unit with 5m hose	£1,584
Price of unit with 10m hose	£1,679
Price of unit with 15m hose	£1,774

Hand tools

Economy Hand Tool Kit	£234
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Other options (add to price of machine above)

V39A extra large filter	• £205
Front-Mounted Floor Tool	• £367

Delivery

To UK mainland from	£79
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OPTIONS & ACCESSORIES

FLOOR, WALL & CEILING
HAND TOOL KIT



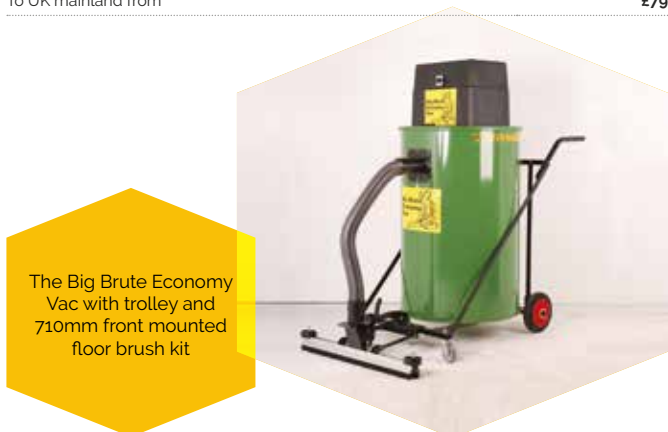
SUCK & BLOW
POWER UNIT



V39A
EXTRA LARGE
FILTER



FRONT
MOUNTED
FLOOR TOOL



The Big Brute Economy Vac with trolley and 710mm front mounted floor brush kit



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BIG BRUTE WET & DRY

The amazing Big Brute Wet and Dry will suck up water at the rate of one gallon per 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, mud, sludge, oils and coolants.

Complete with:

Power	3 x 1.2kW by-pass motors
Capacity	Dry: 190 litres (with standard filters fitted) Dry: 150 litres (with Extra Large Filter fitted) Wet: 153 litres (with wet float filters fitted)
Filters	Wet and Dry with liquid overflow protection
Hose	Ø63mm polyurethane with steel bends and rubber cuffs
Trolley	Heavy duty 4-wheeled rubber braked
Tool	1 metre Ø63mm aluminium scraper tool
Cable	10 metres long with plug

Prices

All prices are Ex Works and exclude VAT, Prices valid from January 2024

Wet & Dry

The basic machine 3600W, 230V model complete with drum and dump valve, standard 4-wheel trolley with wet & dry filters. Complete with a 1 metre long, 63mm diameter aluminium scraper tool for big, rough cleaning, 10 metres of electric cable with plug.

Price of unit with 3m of heavier duty polyurethane hose	£4,047
Price of unit with 5m of heavier duty polyurethane hose	£4,113
Superglide four-wheeled trolley with Nylon wheels (add to price of machine above)	+ £147

Hand tools

Wet & Dry Floor Wall and Ceiling Hand Tool Kit	£338
Wet Only Floor Wall and Ceiling Hand Tool Kit	£281

Other options (add to price of machine above)

Front-Mounted Floor Brush	+ £389
Front-Mounted Floor Squeegee	+ £389
2" Drain Valve	+ £84
4" Drain Valve	+ £586

Delivery

To UK mainland from	£79
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OPTIONS & ACCESSORIES

FLOOR, WALL & CEILING HAND TOOL KIT



FRONT MOUNTED FLOOR SQUEEGEE



FRONT MOUNTED FLOOR TOOL



4" DRAIN VALVE



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ACCESSORIES FOR DRY BIG BRUTES

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 kit comprises:

- 1 V25 38mm to 63mm adaptor
- 1 V26 stainless steel crank.
- 2 V27 470 mm stainless steel tubes
- 1 V28 1220 mm aluminium tube.
- 1 V29 355mm wide adjustable floor brush on wheels
- 1 V30 152 mm round brush
- 1 V31 305 mm stainless steel crevice tool
- 1 V41 Tool bag that fits onto the Big Brute.

USE TOOLS FOR SUCKING & BLOWING



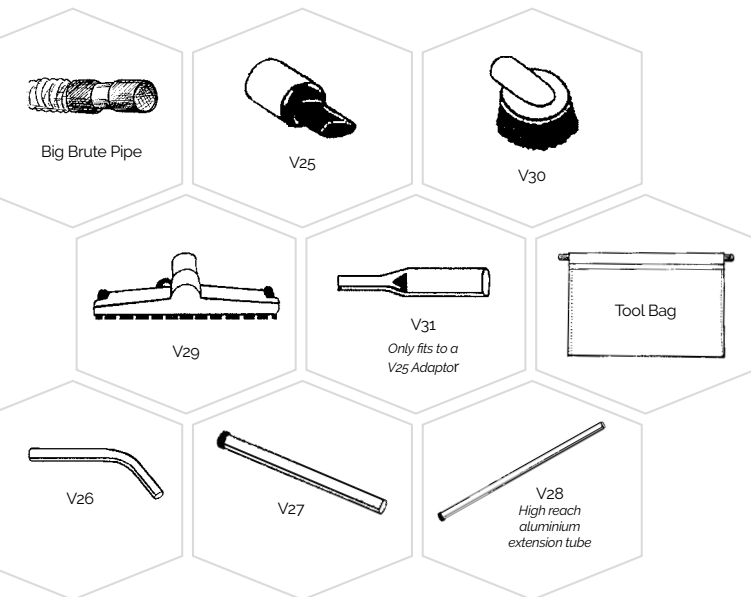
SUCK & BLOW

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.



EASY EMPTY

Lift Out Bag - 150kg

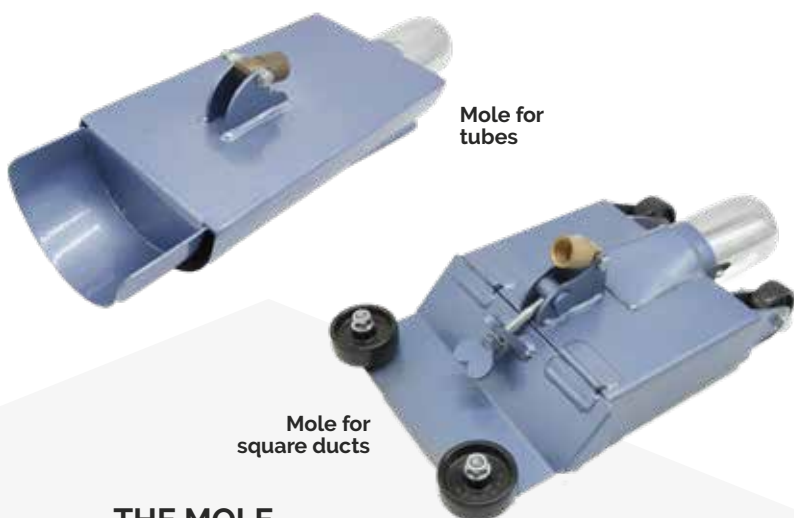
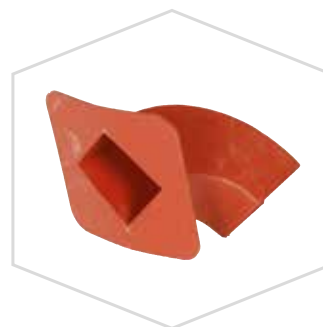
Lift heavy loads recovered by your Big Brute, wet or dry, by means of the re-usable lift out bag.

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

Fully re-usable.



Mole for tubes

Mole for square ducts

THE MOLE

Under floor cleaning tool

The Mole is designed to clear between the laterals of drying floors in grain stores. By connecting the Mole to the Big Brute vacuum cleaner pipe, it can be pushed through the offending under-floor corridor with the use of drain rods, clearing the way as it goes.

As grain floors are different, the Mole has to be tailor-made to fit your floor. The sizes range from 175mm through to 300mm. Please call regarding your requirements.

BIG BRUTE BULKMASTER

The Big Brute Bulkmaster lets you suck up vast amounts of free flowing material and collect, transport, safely empty or even store it for later use. Three models of Big Brute Bulkmaster are available. Each of the models come as standard with:

- Solid steel construction for the toughest of environments
- Large 1.3m³ or 0.65m³ capacity hopper with angle based to aid in emptying
- Easy Empty base mounted discharge flap
- Fork Lift Tine slots with locking pins to for safe lifting to empty and for transportation
- Removable access cover
- Static earthing straps



The Cyclone Model

Connect up to your existing or new Big Brute and used as an interceptor vessel. The Big Brute Bulkmaster Cyclone Model is designed for free flowing materials with a high dust content.

The Cyclone comes as standard and dramatically reduces the amount of light dust carried over to the Big Brute.

The filtration is housed in the Big Brute vacuum cleaner and allows the Bulkmaster to retain its full capacity.

The Big Brute vacuum cleaner is also available to be used for other tasks which do not require the Bulkmaster.



The Standard Model

Connect up to your existing or new Big Brute and used as an interceptor vessel. The Big Brute Bulkmaster Standard Model is designed for free flowing materials with a low dust content.

The filtration is housed in the Big Brute vacuum cleaner and allows the Bulkmaster to retain its full capacity.

The Big Brute vacuum cleaner is also available to be used for other tasks which do not require the Bulkmaster.

OPTIONS & ACCESSORIES



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POWERED

The Self Powered Model

A fully self contained unit fitted with a Big Brute power unit. It is fitted with a detachable mains cable for ease of emptying and low level switch for ease of operation.

A filter shaker is fitted to allow the extra large filter to be cleaned without having to remove the power unit.

Prices

All prices are Ex Works and exclude VAT. Prices valid from January 2024

Bulkmaster 500

Self Powered 230v Model 500 V1178	£5,169
Self Powered 110v Model 500 V1513	£5,817

Bulkmaster 1000

Self Powered 230v Model 1000 V1080	£6,214
Self Powered 110v Model 1000 V1051	£6,772

Delivery

To UK mainland from	£316
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Available in both sizes

UNPOWERED

The Unpowered Model

These Big Brute Bulkmasters combine all the cleaning power of the Big Brute Industrial Vacuum Cleaners with the benefits of using an interceptor.

Their cone-shaped bottom discharge hoppers ensure complete emptying, quickly and without mess.

Prices

All prices are Ex Works and exclude VAT. Prices valid from January 2024

Bulkmaster 500

Standard Interceptor Model 500 V1170	£3,090
Cyclone Interceptor Model 500 V1370	£4,022

Bulkmaster 1000

Standard Interceptor Model 1000 V1012	£4,135
Cyclone Interceptor Model 1000 V1064	£5,067

Delivery

To UK mainland from	£316
To UK mainland with a Big Brute from	£395



Available in both sizes



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BANGALORE BIRD SCARERS



Michael Williams
Engineering



Also available from
**MICHAEL
WILLIAMS
ENGINEERING**

£418
*delivery and VAT

Broadside MK2A

The solar powered bird scarer

TOUGH / RELIABLE / CONTROLLABLE

Improved: Keyboard, Damp Resistance,
Reliability, Ease of Use

Automatically adjusts its clock
at the start and end of
British Summer Time

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BIG BRUTE

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