ABOUT US

Priden is one of the leading engineering companies in the country and has the knowledge and skillset to deliver solutions for any project across an array of manufacturing spectrums.

We serve across a host of sectors including pneumatic vehicles, commercial bodies, truck and bus, food industrial engineering and even financial services.

Our 100-strong workforce consists of some of the best engineers in the business, who work alongside our project managers and designers to deliver a complete service from consultancy, through to design and build.

Most importantly we take Pride in everything we do, but then, you would expect nothing less, it’s in our name after all.
INTRODUCTION

We are proud to still be the chief supplier of blowing equipment to the animal feed sector.

This is because our knowledge in this sector is unrivalled and is a result of our decades of working solely in this field, serving all the major fleet operators.

Two of our founders: Les Walker and Ivan Moden were the leading experts in the pneumatic industry – they designed and created the revolutionary self-loading bulk-blowing system, which is still used today.

When it comes to pneumatic vehicles, there isn’t anything we don’t know and can’t deliver.

Our goal is to provide the best quality engineering service to the road transport industry, so whether it’s designing and building bespoke blowing equipment, providing maintenance, service and repair work, our teams have it covered.

Time and time again, we deliver a range of bodywork, pneumatic discharge equipment, and tipping equipment which can be built and fitted to meet any individual customer requirement.

We can provide demonstrations to you, our customers on-site, promising to give first-hand trusted advice and feedback on the wide-ranging variety of pneumatic combinations which Priden now offers.

We are constantly innovating and our teams work tirelessly to find an engineering solution to any request sent our way.
At Priden we offer a wide range of pneumatic systems that can be used to discharge a host of different products. Our systems can be used when discharging the following:

- Animal feed
- Coal
- Biofuels
- Pet Bedding

These systems are available as static units, skids, truck mounted and trailer mounted options. A full choice of blower equipment is offered, which together with low noise levels, achieve the most effective performance. These systems can be engine-driven via a PTO or hydraulic driven, via a motor.

**Additional features of a Priden Pneumatic System:**

Inlet and outlet silencers are fitted to all bulk animal feed blowers, as are inlet filters and pressure relief and non-return valves. Tachometer and engine-hand throttle controls are positioned inside the bulk blower truck’s cab.

We offer two types of rotary valve; the drop-through and the semi-blow-through. All castings are of premium quality iron with rotors fabricated from mild steel. The valve is designed with outrigged self-aligning sealed bearings, and all internal surfaces are machined to close tolerances, ensuring minimum air leakage.

On the trailer and rigid units a full width auger is fitted within a close tolerance to the trough, with all flow plates and angles carefully arranged to ensure a clean discharge as possible. The auger is directly driven by a low-speed, high-torque hydraulic motor.

We can also offer auger-less bodies with large flow plates manufactured in the rear of the body. The void this creates can be utilised for hose storage, which is ideal for free flowing products – also minimising the risk of product degradation.

Our standard system employs a PTO pump that supplies oil to drive the auger, rotary valve motors and a rotary valve slide ram.

Our systems also feature easy-to-use controls, a twin spool selector valve with detent for rotary valve control. Spring return to neutral for hydraulic slide positioning are used on truck and trailer options.
The system is specifically designed to allow independent variable speed selection on both rotary valve and auger.

Health and Safety is a key — trailers and Rigids feature a coded electronic rear door automatic cut-off valve which is fitted to protect the operator from injury when opening the tail door.

We fit an air pressure gauge mounted in the control panel at the rear of the vehicle, housed in an illuminated weatherproof control box.

Pipework can be supplied as 5” or 4” depending on requirements — this is available in stainless steel, aluminium or galvanised mild steel.

**KEY BENEFITS:**
- Tailored specifications to your requirements
- Built with safety at the forefront of our minds
- Maximum efficiency
- Minimum downtime
- 29 years of research & development to offer the very best pneumatic systems available.
PNEUMATIC TRAILERS

Priden bulk blowing trailers are some of the most robust on the market.

Our team of engineers and designers can work with you from concept through to completion, guiding you on the right choice of vehicle specification based on your operational needs.

Our versatile designs mean that operators are able to transport animal feed, coal, biofuels and even pet bedding.

The lightweight aluminum body designs, include monocoque and plank bodies that have been developed over many years to achieve optimum weight to strength ratio, satisfying any demands for maximum payload and longevity. All trailers can be tailored to your own operational requirements.
Options available:

- VSE electric rear steering system (single & twin steer options)
- Remote control for electric steering systems
- Rod rear steer axle options
- Disc or Drum Brakes
- A range of water cooled diesel engine options
- Hydraulically driven trailer for optimum weight saving and noise reduction
- TIPSAFE - health and safety system
- INFLOW - Self loading Sucker Blower System
- Partition doors & locks - sited to suit your requirements
- Painting and full livery application to your requirements
- Rollover sheeting systems, electric, manual, clearspan are just a few of the options
- Auto lubrication systems to ensure all major components are serviced
- Self-contained or portable dust extraction systems available
- Tipping, walking floor & non-tipping solutions.
Like our trailers, our bulk blowing rigid vehicles are some of the most robust on the market. Further proof of this is the volume of body swaps we carry out – swapping original bodies onto new chassis many times over. They benefit from lightweight aluminum body designs that have been developed over many years.

Our monocoque and plank bodies achieve optimum weight to strength ratio, satisfying any demands for maximum payload and longevity.

We have worked on a wide range of chassis configurations, we also have the prestige of building the first bulk blowers on the Scania, DAF, Volvo & Renault tridem chassis configurations. We have also recently fitted blowing equipment for DAF on their new FAQ chassis, which will be used as a demonstration vehicle across the country.

All bodywork can be tailored to your own operational requirements.

Our versatile designs mean that operators are able to transport animal feed, coal, biofuels and even pet bedding.
Options available:

- TIPSAFE - health and safety system
- INFLOW - Self loading Sucker Blower System
- Partition doors & locks sited to suit your requirements
- Painting and full livery application to your requirements
- Rollover sheeting systems, electric, manual, clearspan are just a few options
- Auto lubrication systems to ensure all major components are serviced
- Self-contained or portable dust extraction systems
- Tipping, walking floor & non tipping solutions
- All chassis configurations catered for.
SPECIAL PNEUMATIC EQUIPMENT

Our team of expert engineers and designers can offer a bespoke variety of specialist pneumatic equipment for a range of different sectors.

Farm Trailers
Propshaft driven from a tractor pto/prop, the Priden equipment can be fitted on all makes and models of farm trailer. We can fit blowing equipment to suit animal feed, biofuels, coal & pet bedding discharge. We offer a one stop shop service where Priden can supply the complete trailer finished to your specification and in the colour of your choice, or we can fit the equipment to an existing trailer you have.

Static Discharge Units
Static units can be built to the customers’ own specifications to allow discharge of product using either a donkey engine, propshaft driven from a tractor power take-off shaft or electrically driven. The units can be manufactured to suit a tractor’s three point linkage, forklift forks / tines, or have wheels mounted for complete flexibility.

Fish Feeding Discharge Units
Discharge units can be built to individual requirements and allow fish pellets to be discharged directly from the boat to the feed hoppers. These units can be driven by a donkey engine or hydraulically-driven from a pump fitted to the boat’s engine. All steel work is galvanised and the hopper is manufactured from aluminium to ensure longevity.

Straight Tippers
A wide range of planksider and monocoque body designs can be offered to suit most rigid vehicles and tipping trailers. Each body and trailer is designed and built to meet individual requirements, whether you’re carrying animal feeds or aggregates.
Tractor Units

Tractor units can be fitted with all types of blower or compressor for operation at 1 bar, 1.5 bar or 2 bar depending upon application. Priden can fit the complete package with acoustic panels to ensure minimum discharge noise and with the power take-off carefully matched to the vehicle, ensuring optimum discharge and reliability. Priden also offer a full range of Wet Kit applications.

Horizontal Discharge

With tipping stability always a problem, we can offer a choice of steel or aluminium ejector bodies. The trailer will be designed and manufactured to meet your individual requirements.

Hooklift Bins

Priden also offer a range of Hooklift bin options, either with equipment fitted to the rigid chassis and the bin or alternatively all the blowing equipment completely self contained in a single hook lift bin, this results is great flexibility. As with all our designs we can install blowing equipment to discharge, animal feed, biofuels, coal and pet betting.

Self Loading Equipment (Sucker/Blower)

Self loading equipment is a priceless tool in the animal feed and biofuels industry, not only can you discharge product with this system, you can also self load the product either back into the body, into another bin or alternatively into another vehicle.

Self loading systems fitted to rigid or trailer bodies have a full length loading pipe down the centre of the body. Air operated valves are situated in each compartment enabling the operator to chose which compartment to fill. There are two main systems available; a self contained system with the vacuum compartment built as an integral part of the body, or a fully demountable system which is located at the rear of the vehicle and can be easily de-mounted when not required.

The self loading equipment can also be incorporated on static units, farm trailers and hook lift systems.
REFINING ENGINEERING THROUGH GREAT THINKING.

CONSULT  DESIGN  BUILD
HIRE FLEET

At Priden our goal is to provide the very best service to our customers at all times and this is why we offer a wide variety of extras.

One of the unique services we can offer is the chance to hire from our excellent fleet of self-contained blowing trailers.

We operate a wide range of self-contained blowing trailers which are fitted with on-board weighing systems and suitable compartment sizes.

These trailers are available for hire on either short-term or fixed long-term hire.

Training on how to operate the trailers also comes as standard and you also have the peace of mind knowing that they are all fully-serviced. And if there are any problems our team of highly-skilled engineers are always on hand, ready to help.

Our teams can help in offering a complete tailored service to suit any of your operating needs.

Included in the hire:

- There are currently five trailers available to hire
- All running gear including tyres
- Service and maintenance included
- Full flexibility to suit your working pattern.
We know the importance of keeping your vehicle on the road and working at all times. The cost to businesses from a broken down vehicle can be huge, not just financially but reputationally as well.

So, at Priden we have been offering a successful contract/preventative maintenance service to a host of major customers for a number of years.

Some of the biggest names in the industry – such as ForFarmers and Ab Agri are signed up to this service, which brings them peace of mind, knowing that if the unexpected does arise, our highly-skilled engineers are on hand come rain or shine.

We also know that it’s not a case of one size fits all, which is why we offer a unique contract package which can be perfectly tailored to suit your businesses individual needs.

We operate a number of helpful mobile workshops from which your vehicle equipment is serviced – normally twice annually, depending on working hours, and from which we carry out any necessary troubleshooting.

If we are unable to repair your vehicle during a service visit we will arrange a suitable time for you, so that your deliveries are not disrupted from the vehicle being off the road.

In addition to the Priden bulk blowing equipment we are now able to offer full repair and maintenance contracts for the running gear.

So, if you feel our contract maintenance services are something you would like to explore further, give our team a call to find out more.

We are confident we will be able the right tailored service for you, helping you to keep moving, no matter what.
At Priden we stock all the essentials you need for your bulk blowing vehicles – we will also provide an overnight or next day delivery service. Getting you back on the road and keeping downtime to an absolute minimum is our number one priority.

Our highly-skilled engineers produce only the best in quality parts, which provide ultimate performance, endurance and safety.

We have a team of experts on hand to work with you to establish what items you need, and more importantly they will work round the clock to get them to you as quickly as possible.

The list of items we stock include:

- Body parts
- Consumables
- Engine parts
- Pneumatic parts
- Filtration parts
- Fuel parts
- Accessories
- Air products.

But, if your broken part can be repaired – then we will do that instead. We can also offer service exchange on almost all major parts for example feeders and blowers.

And you can rest assured that all our service exchange parts are of the same high-standard and premium quality as any brand-new equivalent.

PARTS VAN

We also have a dedicated parts van which tours the country weekly. Our driver will visit your site to ensure that you can keep your fleet moving without the need to even step out of your premises. Our van stocks vital components and will visit upon request.