



## Animal Feed

Priden are the leading UK supplier of equipment to the animal feed sector.

A choice of blowers and full torque Power Take Off systems are offered, and our highly experienced engineers ensure careful matching to the vehicle's engine and transmission to achieve the most effective performance together with low noise levels. Inlet and outlet silencers are fitted to all blowers as are inlet filters and pressure relief and non-return valves. Tachometer and engine hand throttle controls are positioned inside the vehicle 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 is achieved. Full flight centre feeding auger is fitted within a close fitting trough with all flow plates and angles carefully arranged to ensure as clean a discharge as possible. The auger is directly driven by a low speed, high torque hydraulic motor.

Our standard system employs a PTO pump that supplies oil to drive the auger and rotary valve motors and a valve slide ram. Easy to use controls a twin spool selector valve with detent for rotary valve control and spring return to neutral for hydraulic slide positioning. The system is specifically designed to allow independent variable speed selection on both rotary valve and auger. As a result of optimum selection of valves and components, only two runs of piping are required through the length of the chassis. Both pressure and return lines are protected with pressure relief valves to ensure long trouble-free operation. An automatic cut off valve is fitted to the rear door to protect the operator when the taildoor is opened. The air pressure gauge is mounted in the control panel at the rear of the vehicle, housed in an illuminated weather proof control box.

Counting many of the leading players amongst its customer portfolio, the aluminium body benefits from design principles established over several decades.

The Monocoque design achieves optimum weight to strength ratio, satisfying the animal feed sector's demands for maximum payload and longevity.

Priden bodywork is available in pressed form and smoothsider.

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