

Dedicated products and solutions for agricultural machines



Integrated functionality

Customized system blocks simplify installation and servicing. Pre-assembled and tested, they offer great value in reducing assembly and installation costs. Save on after-market purchases and servicing!



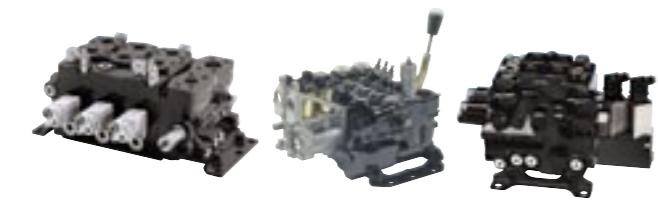
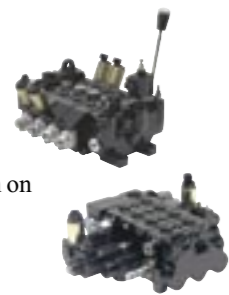
The intelligent way to higher productivity

IQAN by Parker is a flexible electronic control system containing all functions for total system solutions. With the user-friendly software tool IQANdesign, you can build advanced machine functions without programming skills. The system is supported in the field by highly developed service and diagnostic capabilities. With IQAN, you can increase machine performance and reliability!



Open centre valves optimized for tractor applications

The spool design is the key to eliminating interference between simultaneously operated functions. Dedicated spools for every function on the tractor makes operation very efficient.



Proportional load sensing valves for the agricultural industry

Function-optimized valves with dedicated spools for each function, in a range of sizes for system requirements between 50 and 300 l/min pump flow. The flow sharing function harmonizes operation when flow requirement exceeds the available pump flow.

Parker Gear Pumps and Motors

A wide range of heavy duty gear pumps and motors for long, reliable service life in demanding environments. Integrated functions for priority, brake charging, unloading and other value-added features.



Stay tough on tough jobs

A wide range of customized cylinders with service-friendly designs, cushioning and integrated valve functions. Designed to deliver sustained high performance over a long service life.



Store energy

Our complete range of CE-approved bladder, piston and diaphragm accumulators maintains high pressure for safe braking, manoeuvring and smooth ride control. Greater system efficiency and reduced pump sizes gives longer life, lower costs and reduced noise levels.



Lower noise

The broad range of the latest Parker Denison vane pumps and motors range will allow a good compromise between low noise and pressures up to 300 bar.



Take control of your transmission

The new range of transmission control cartridge valve products provides the same moulded solenoid coil technology as before, designed into a single piece construction. The cavity is now a slip-in design to allow easier installation, as well as lowering the price. These new products enable Parker to cover all your transmission control requirements, such as differential lock, PTO, power shift, power shuttle, clutch operation, etc.



Added life

Parker Filtration and Accessories technology extends the life and increases reliability of agricultural machinery. In addition to a wide range of hydraulic filters, fuel filters and reservoir accessories, Parker offer you the global leader in fluid condition monitoring with the LaserCM portable particle counter. A comprehensive range of quality products to cover all your needs.



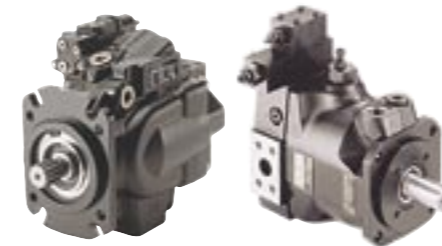
Efficient Torque Generation

Torque motors with high efficiency, low speed and high torque, well suited for agricultural applications like conveyor drives, wheel drives, reel drives, etc.



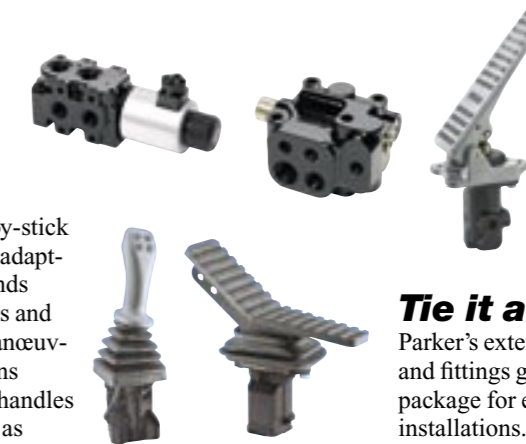
Quiet power

Our range of variable piston pumps have rigid housings and ripple chambers which make the pumps quiet, generating less flow- and pressure pulsations than conventional pumps. High self-priming speed capability and a unique port layout makes this range of pumps to the obvious choice for modern machine designs. All pumps are performance-matched to form a good working team in our total system concepts.



Ergonomic operation

A range of linear and joy-stick levers for pilot control, adapted to the specific demands of agricultural machines and recognized for good manoeuvring capabilities. Options include multi-function handles and mechanical as well as solenoid detents.



Tie it all together

Parker's extensive line of hoses and fittings gives you a complete package for efficient and leak-free installations. Order your Parker components with the fittings!



The leading bent-axis pumps for direct PTO mounting

350 bar rated pumps for direct PTO mounting, ideal for all sorts of harvesting equipment. The pumps are available with single flow, twin flow or variable flow to suit constant flow as well as load sensing systems.



Circuit accessories

All the accessories required for the ever more complex hydraulic circuitry needed for demanding, intelligent hydraulic functions, steering, braking, etc.



Hard working motors

Heavy duty piston, vane and gear motors featuring extensive speed ranges, small envelope sizes, integrated functions, high starting torque and optimal efficiency. They are frequently used in applications such as flail mowers, air seeders, cooling fans, etc.

Quality components are just the beginning

*With skilled back-up
from our engineers,
your chances of winning
will improve.*



As you can see from studying the contents of this leaflet, there is a range of Parker products available for any agricultural machine. But choosing Parker as your supplier means more than just cost-saving one-stop shopping for quality components at competitive prices. You also get access to our vast experience in systems engineering.

Partners all the way

Our skilled engineers are ready to assist in developing and fine-tuning the hydraulic systems for your machines, on site or at our own dedicated Systems Engineering Centre. The team members all have years of experience in advanced system design and will be your partners

all the way, suggesting different system solutions until you are satisfied with the performance of your prototype.

Adding a highly qualified Parker systems engineer to your project team will help you to utilize Parker components in a way that offers significantly improved systems performance – and hence a more competitive product – at a reduced total cost.

New state-of-the-art technology

The Parker range of products is constantly evolving, reaching ever higher levels of performance, functionality, reliability and durability. We are always striving to develop the real life performance of our components even further, to meet and exceed future demands. This is just one of many ways in which we show our commitment to a truly **Premier Customer Service**.

More than mobile: Parker is much more than components for mobile machines. This automatic robot milking machine is a typical showcase for efficient Parker system solutions.



Parker Hannifin Corporation

Parker Hannifin is a leading global motion-control company, dedicated to delivering **Premier Customer Service**.

Parker is the only manufacturer to offer its customers a choice of hydraulic, pneumatic and electro-mechanical motion-control solutions.

Our company has the largest distribution network in its field, with over 8,600 distributors serving more than 390,000 customers world-wide.

Parker's charter:

'To be a leading world-wide manufacturer of components and systems for the builders and users of durable goods'.

More specifically, we will design, market and manufacture products controlling motion, flow and pressure. We will achieve profitable growth through premier customer service.

Product groups

Parker Hannifin develops and produces a multitude of components and products within its eight product groups: Aerospace, Automation, Climate & Industrial Controls, Filtration, Fluid Connectors, Hydraulics, Instrumentation and Seals.

Our product range includes control systems, valves, pumps, motors, accumulators and cylinders. Dedicated to meeting the needs of industry for more than 35 years, we have raised productivity and improved ergonomics by refining hydraulic systems.

With a comprehensive network of sales offices and distributors world-wide, we are able to service your needs, from complete system applications to local service requirements.

We're Where You Are... Worldwide!

To order products, CDs or additional information:

In Europe, call 00800-27 27 5374
E-mail: eurohyd@parker.com
www.parker.com/eurohyd

In the USA, call 1-800-CPARKER
E-mail: c-parker@parker.com
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