

Dedicated Products and Solutions for Forest 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!



Proportional load sense valves for the forest industry

Function-optimized valves with dedicated spools for each function, in three sizes for system requirements between 50 and 500 l/min pump flow. The flow sharing function harmonizes operation when flow requirement exceeds the available pump flow.

Parker Gear Motors/Pumps

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



Store energy

Our complete range of diaphragm, bladder and piston accumulators helps you keep pressure on a high level for braking and manoeuvring. For longer and more comfortable operation, smoothen the pressure with our "peak eaters".



High speed chain saw motors

The F11 is the unmatched choice for chain saw drives all over the world. Its unique design with light-weight spherical pistons and timing gear provides the acceleration and speed capabilities required for this demanding application. A new design makes it possible to install the saw bar directly onto the F11 motor.



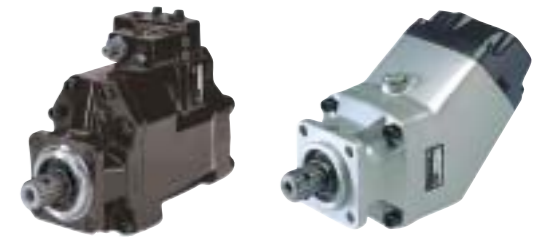
The perfect motor for swing drives

A 420 bar rated motor especially well suited for swing drives, saw applications and heavy duty wheel drive applications. Its unique design with spherical pistons results in extraordinary speed capabilities.



The leading bent-axis pumps for direct PTO mounting

350 bar rated pumps for direct PTO mount, ideal for truck mounted timber crane applications. The pumps are available with single flow, twin flow or variable flow to suit constant flow as well as load sensing systems.



The intelligent way to higher productivity

IQAN is a flexible electronic control system containing all functions for total system solutions. With the user-friendly software tool IQANdevelop, 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!



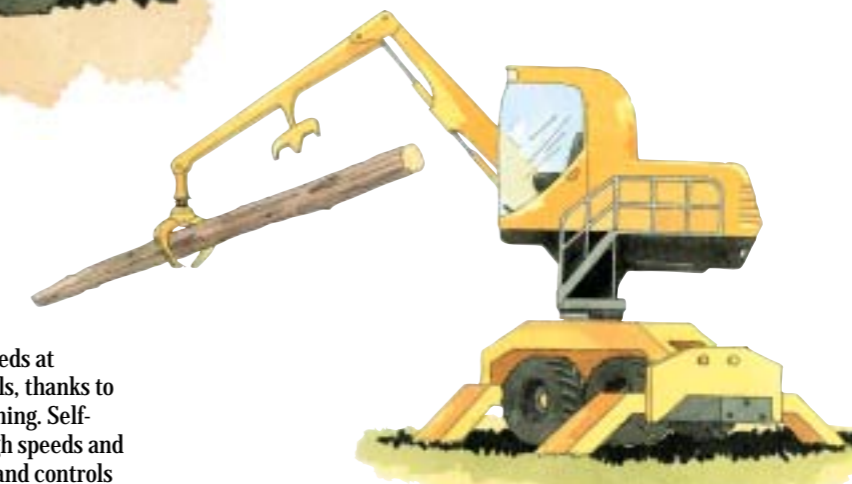
Variable displacement motors for saw heads and track drives

420 bar rated variable displacement motors, with the same type of light-weight spherical pistons as our fixed displacement motors. High speed capabilities and 5:1 displacement ratios allow for increased vehicle speed. Displacements from 60 to 160 cc/rev.



Quiet power

The range of variable piston pumps for LS systems gives high pressures and high speeds at exceptionally low noise levels, thanks to patented oscillation dampening. Self-priming at exceptionally high speeds and a wide range of frame sizes and controls make this range the obvious choice for modern machine designs. All pumps are performance-matched to form a good working team in our total system concepts.



Added life

Parker filtration philosophy helps to add life-time and reliability to your machines. A wide range of filters covers all your needs.



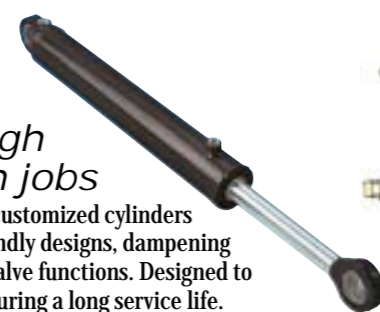
Open center valves optimized for timber cranes

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



Stay tough on tough jobs

A wide range of customized cylinders with service-friendly designs, dampening and integrated valve functions. Designed to stay leak-proof during a long service life.



Ergonomic operation

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



Tie it all together

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



Quality components are just the beginning



With competent back-up from our Mobile Systems Team your chances of winning will improve.

As you can see from studying the contents of this folder, there is a Parker product – or several to choose from – for all forestry machines. 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 Mobile Systems Team is ready to assist in developing and fine-tuning the hydraulic systems for your forest machines, on site or at our own dedicated Systems Engineering Center. 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 machine.

By adding a highly qualified Parker systems engineer to your project team, you can 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.

Parker – Providing the Industry with Complete System Solutions



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Dedicated Products and Solutions for Forest Machines

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 7,500 distributors serving more than 400,000 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 8 product groups: Aerospace, Automation, Climate & Industrial Controls, Filtration, Fluid Connectors, Hydraulics, Instrumentation and Seals.

The Mobile Controls Division is a Parker division for Mobile Hydraulics within the Hydraulics product group. Our product range includes control

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

With comprehensive sales organisations world-wide and a network of distributors covering the rest of the world, we are prepared 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 the USA, call 1-800-CPARKER
E-mail: c-parker@parker.com
www.parker.com/hydraulics

In Europe, call 00800-27 27 53 74
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