

NEW STATE-OF-THE-ART HYDRAULIC SYSTEM

Great Lakes Power is proud to announce the design and implementation of a new pilot-operated hydraulic system for straddle carriers, which will update your machines to today's technology.

The updated system has many advantages over the original hydraulic system. It eliminates the need for the mechanical control linkages from the cab to the main control valves, as well as eliminates the need for poppets in the hydraulic cylinders.



The mechanical linkages are replaced by a two-axis ergonomic control joystick, which allows for proportional hydraulic control. This joystick directs pilot pressure to the two section, hydraulically actuated main control valve, and controls both the hoist and swing functions.

All hydraulic valves are located in manifold bodies, and are of the cartridge type. This greatly eases



maintenance and trouble shooting since all valves are centrally located in the manifolds. The cartridge type valves allow for easy removal, inspection and replacement. All hydraulic manifolds are equipped with gage ports, making system trouble shooting as easy as plugging a pressure gage into the manifolds to locate where a problem may exist.

All components of the hydraulic system are current production, and stocked at the Mentor, Ohio facility. In the unlikely event of a failure, Great Lakes Power can deliver the required components in a timely manner at a very competitive cost.

For more information on this hydraulic system, please call 1-800-325-6880 or e-mail to straddles@glpower.com.

