

SUPERIOR AXLES THROUGH INNOVATION

SELF-STEER | FORCE-STEER | HEAVY-DUTY | OFF-HIGHWAY


MULTI-AXLE HYDRAULIC STEERING SYSTEM - AUTOMATIC CLOSED CIRCUIT

- **Designed for Steered Axles on Trailers and Mobile equipment** where fully automatic closed Circuit Hydraulic Steering is required for improved maneuverability.
- **OPERATION:**
The front steering unit delivers hydraulic pressure to cylinders mounted on the steering gear assembly. The steering gear assembly connects multiple axles together so that the axles steer in sync with each other. Exact steering geometry is calculated for each application so that maneuverability is optimized and tire scrub is minimized. This system gives optimum maneuverability in both forward and reverse at any speed.
- **CONTROL:**
Manual control of the system is provided through a two button wired controller, or wireless Tritronic radio remote control. The two button controller allows for steering input and provides alignment indication. The Tritronic control allows for more advanced steering control via wired or wireless pendant. It can also act as a trailer management system to control vital trailer-functions all with one remote eg. Manual steering, automatic alignment, suspension ride height control, ramps, adjustable gooseneck, landing legs, pneumatic locking mechanisms, and warning lights among others.
- **APPLICATIONS:**
This type of steering system is beneficial when transporting heavy equipment, large precast and structural products, mobile infrastructure support, and other large and heavy items that place extreme demands on the maneuverability of the vehicle combination.
- **BENEFITS:**
The use of steering axles provides better load distribution, stability, and lower deck heights when compared with straight axles on turn table type steering systems. These inherent features allow for increased loading height and improved vehicle safety.
- **SAFETY:**
Dual hydraulic circuits are used to ensure safety and control is maintained even if a hose fails.

“At KGI we believe that reliability is the product of innovative engineering, attention to detail, and true dedication.”

Steering system manufactured by



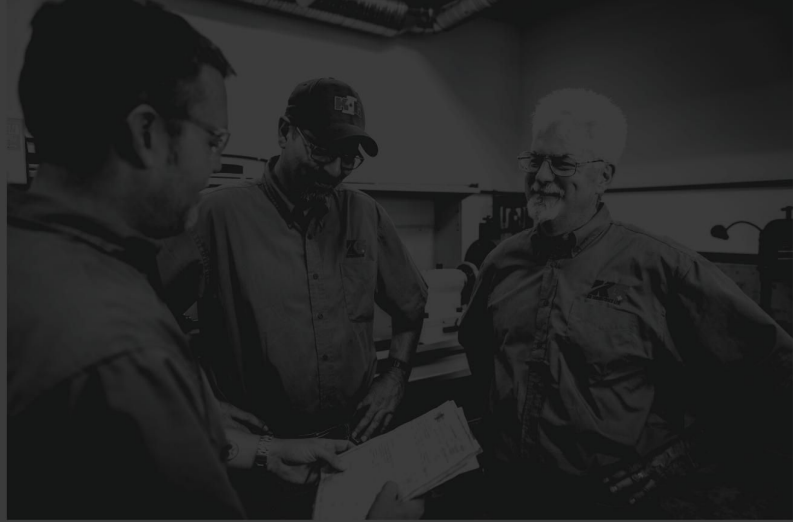
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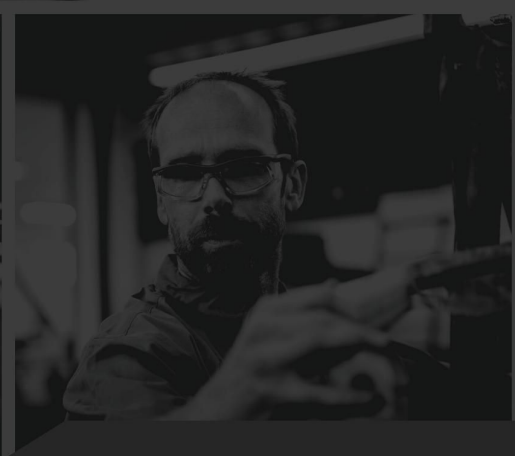
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