

STEERING SYSTEMS

TYPE OF STEERING

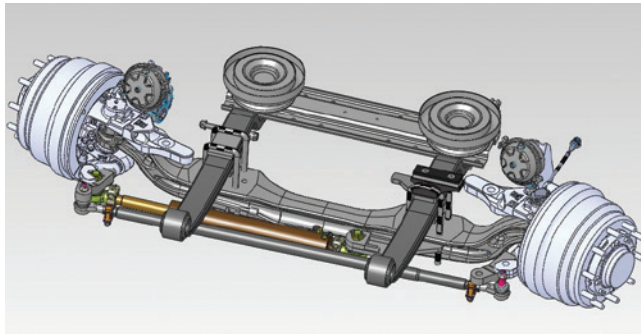
HYDRO-ELECTRIC STEERING

The ETS steering system uses integrated microprocessor-controlled electro-hydraulic technology. Widely used by international manufacturers, ETS steering was designed for industrial applications using tested and safe technology.

ETS

Productivity. Fully dedicated system. The ETS electro-hydraulic steering system uses patented technology that provides exceptional manoeuvrability for trucks and trailers. ETS provides optimal steering angles in all circumstances. It reduces wear and tear on components and provides the highest level of safety.

CONTROL AND PRECISION



- Possibility of adapting steering behaviour to wheelbase modifications on extendable semi-trailers.
- Ask about our custom-made steering functions.

SPECIFIC ADVANTAGES

- Overall optimized productivity
- Hydraulic centering mechanism
- Redundancy for increased active safety
- (FMEA: Failure Mode Effects Analysis)
- No regular maintenance required
- Optimal steering angle in forward and reverse
- Lighter than conventional steering systems
- Hydraulic unit with brushless motor for increased durability
- System self-diagnosis
- Self-lock system in function of speed
- Operational at extremely low temperatures
- Stand-alone system with single battery charge connection
- Remote control of steering angle, even when stationary (trailer)

FACT SHEET

Type de système de direction	Electro-hydraulique
Nombre d'essieux contrôlés	TRUCK: up to 2 TRAILER: up to 3
Type d'essieu	TRUCK: I-Beam Steer or drive-steer axle TRAILER: Straight beam inline kingpin steer axle
Capacité de charge de l'essieu	TRUCK: 22046 lbs (10000 kg) TRAILER: 22046 lbs (10000 kg) (Note 1)

NOTE (TRAILER): 1. Higher axle rating available when using additional cylinder