



KONGSBERG
AUTOMOTIVE

Accelerating Progress

PEDAL SYSTEMS



Throttle Pedal Product Range:

- MT Series Mechatronic Throttle Pedals with vSENSE™ non-contact sensor
 - MT5000 Series Suspended Pedal
 - MT6000 Series Suspended Pedal
 - MT7000 Series Floor Pedal
- Heavy Duty Mechatronic Throttle Pedals with vSENSE™ non-contact sensor
 - MT4000 Series Floor Pedal with option to configure range of mechanical or electronics hand throttle controls
- Heavy Duty Mechanical Throttle Pedals:
 - CT4000 Series Floor Pedal with option to configure to range of mechanical hand throttle controls
- Adjustable Pedal Systems

EXPERIENCE AND EXPERTISE

Kongsberg Automotive is a leading global supplier of pedal systems for on and off-highway vehicles. We supply pedal systems to manufacturers of trucks, buses, recreational vehicles and off-highway vehicles around the world.

The rugged Kongsberg Automotive pedal design ensures reliable performance in virtually any environment. Pedal systems are designed for in-cab and outside installations and are not affected by the harsh elements of off-road requirements. Their durability makes them ideal for the cycles associated with heavy duty vehicle applications.

Kongsberg Automotive pedals fully meet the rigorous truck and bus market demands for price, performance and robust volume production. Customized applications for the off-highway segments (Agriculture, Construction, Material Handling) can be readily engineered.



MT SERIES MECHATRONIC PEDAL SYSTEM WITH vSENSE™ TECHNOLOGY

The Kongsberg Automotive Mechatronic Throttle Pedal system provides unsurpassed reliability at virtually any load and seamless installation in nearly any configuration. This unique Kongsberg Automotive design features perfect hysteresis with a very effective self-dampening design that is always exerting the same return pressure. The innovative, self-adjusting dampening mechanism and a composite, corrosion resistant pivot shaft are the key ingredients for the pedal's consistent performance in any environment or at any stage of its cycle life.

The MT Series pedals feature the vSENSE™ Hall effect sensor which offers significant advances over traditional sensor design. It has no rotary seal to allow ingress of moisture and there is no direct contact among components to create wear.

The combination of the innovative mechanical design and sensor provides a pedal system that meets or exceeds the harshest operating environments.





ADJUSTABLE PEDAL SYSTEMS

Designed specifically for the heavy vehicle market, the patented Kongsberg Automotive adjustable pedal systems have set a new standard for operator comfort, convenience and control. Precision engineered and rigorously tested for performance and durability, these adjustable pedal systems have demonstrated proven reliability as OEM standard or optional equipment on school buses, RVs and Class A truck applications.

Once the seat and steering wheel are positioned, just the touch of a button allows operators to easily adjust throttle and brake pedals to the optimal position for comfort and safety. The suspended and floor mounted adjustable pedal systems provide up to 3 inches of travel, for maximum flexibility. The adjustment is power operated at the touch of a button and is fully adjusted in just seconds. Its linear motion keeps pedal height constant through the adjustment range.

SERVICE AND COMMITMENT

Kongsberg Automotive has the capability and resources to support global customers wherever and whenever required and to provide the pedal technology solution to maximize vehicle performance.

The global strength of the Kongsberg Automotive team allows for rapid response to the demand for versatile pedals which can meet the diverse requirements of our customers.



Features:

- Innovative modular design allows for ease of installation regardless of application or configuration
- vSENSE™ Hall effect non-contact sensor provides position sensing and switching accuracy and reliability
- Fully user customizable to fit a wide range of applications
- Available with optional kickdown units which help to reduce vehicle emissions and improve fuel economy



KONGSBERG AUTOMOTIVE

Kongsberg Automotive is a global provider of engineering, design, and manufacturing for seat comfort, driver and motion control systems, fluid assemblies, and industrial driver interface products. We are focused on automotive, commercial vehicle and industrial markets. Headquartered in Kongsberg, Norway, Kongsberg Automotive has nearly 50 facilities in 19 countries. With revenues of MEUR 623 (2009) and about 9,000 employees, Kongsberg Automotive provides system solutions to vehicle makers around the world.



DRIVELINE

Our vision is to be our customers' preferred choice for driver controls in the global light vehicle automotive market. A Tier 1 global supplier of custom-engineered cable controls and complete shift systems, we are world leaders in both control cables and shifter systems for our customers around the world. Our global resources ensure timely innovative product development and high quality manufacturing.



INTERIOR

Kongsberg Automotive is a global leader in the design, development and manufacture of mechanical and electromechanical light-duty motion comfort and seat comfort systems to Tier 1 and Tier 2 customers. Our product portfolio includes seat adjusters, seat recline, side bolsters and lumbar support (pneumatic/mechanical), cables, seat heating, ventilation and massage systems, arm rest and head restraints, as well as other interior actuation systems.



POWER PRODUCTS

Kongsberg Automotive Power Products is a global leader in the design, manufacture and supply of vehicle control systems, providing quality engineered pedal and steering systems, electronic displays, cable and hand controls that set the standard for the world's foremost manufacturers of commercial, industrial, agricultural and construction vehicles. We offer a product range that is unmatched in the market.



ACTUATION & CHASSIS

A global developer and manufacturer of operator control systems for industrial vehicle markets, Kongsberg Automotive offers a robust product portfolio with products that range from traditional mechanical linkages to servo-assisted hydraulic systems and manual and electronic cable shift systems. These modular systems enhance flexibility and ensure cost-effective adaptation to customers' needs.

FLUID TRANSFER

Kongsberg Automotive fluid handling systems serve a wide range of fluid assembly customers in the light duty, industrial and commercial vehicle markets. Products include pipe/hose assemblies for turbo chargers, brake and fuel systems, and air system couplings.



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