Product Description

Kongsberg Automotive offers a full range of fixed, tilt and telescopic steering columns, designed to withstand the most challenging environments for off-road vehicles. With our unique modular design, all columns provide best-in-class ergonomic working conditions for the driver.

Benefits

- Fully developed, tooling up and validated concepts
- High component commonality, enables short lead time on launches and modification
- Minimal capital and design investment
- Unique modular design our steering column range enables best-in-class ergonomic working conditions for the driver
- Highly experienced engineering and manufacturing team with over 20 years of market & product knowledge

Kongsberg Automotive offers completely tailored steering columns from our modular system according to customer specifications with full in-house design, development and validation services.

Contact:

United States: Kongsberg Automotive, 300 South Cochran St., Willis 77378, TX, United States
Europe: Kongsberg Interior Systems Kft., Bajcsy-Zs. u. 201/D, Siófok, 8600 Somogy, Hungary
China: Lone Star, 2nd Building, 777 Yuandong Rd, Nanqiao Town, Fengxian District 201401, China
E-mail address: ope.inquiries@ka-group.com (common to all sites)
**Product Specifications**

**Fixed and Telescope Columns**

- **Fixed Column** F100
- **Telescope Column** T200

**General Specification**

All columns can be specified by customer, including:

- Column length (From 100mm to 700mm)
- Connection to steering wheel, Ø 20 and 25 with different cones and serrations
- Telescope stroke: 85mm
- Top tube dimension 45 mm

**Tilt Columns**

- **Low Tilt Column** T350
- **Tilt Column** T400
- **Tilt Column** T425
- **Tilt Column** T450

**General Specification**

All columns can be specified by customer, including:

- Column length (From 100mm to 700mm)
- Connection to steering wheel, Ø 20 and 25 with different cones and serrations
- Tilt angle area: ± 24°, step in/out 36/52°
- Top tube dimension 45 mm
### General Specifications

All columns can be specified by customer, including:

- Column length (From 100mm to 700mm)
- Connection to steering wheel, Ø 20 and 25 with different cones and serrations
- Tilt angle area: ± 24°, step in/step out 36/52°
- Telescope stroke: 85mm
- Top tube dimension 45 mm
Steering Column Range Summary

STEERING COLUMNS

F100  T200  T350  T400  T425  T450  TT550  TT600  TT700  TT750  XT850  XT950  XT1050

Steering Column Features

KA columns are available with covers, bellow and a range of integrated switches and shifters

Switches can be fixed direct to the steering tube and positioned with index hole

Horn Module

- Multifunctional switch
- Release Lever for Tilt & Telescope Function
- Rubber Bellows
- Plastic Cover

Indicator, Horn, Light, Wipers, FNR

Steering Column Cover Concept

General Specifications

STANDARD ISO 5010 AND SAE J1814

- The specification of all steering columns is according to ISO 5010 and SAE J1814.
- All columns meet Kongsberg Automotive product specification for off road vehicles, agricultural tractors and construction equipment

Test and Validation

- All columns are tested and validated according to Kongsberg Automotive product specification and above mentioned standards

Steering Column

Steering column module including:

- Steering column
- Covers
- Display
- Switches
- Indicator switch
- Light switch
- Key switch
- FNR switch