

# **KABELTRAX**

A division of **TSUBAKI KABELSCHLEPP**

## **CABLE CARRIER SYSTEMS**

AUTOMOTIVE & HIGH VOLUME APPLICATIONS





## Zero defect is simply a good feeling!

Perfection to the most minute detail. Those who set this demand require the right partner. For cable carrier systems, this is KABELTRAX. Where cables and other lines need to be guided or protected, KABELTRAX delivers the highest level of quality. Since 1996 continuously accurate and timely delivery, always the right quantity – for millions of systems worldwide.

As a specialist for sophisticated cable routing we are familiar with the high demands of the automotive industry. Highest level of quality and 0 ppm are our answer. KABELTRAX: We simply help your customers to drive more relaxed.

KABELTRAX: This is the automotive division of the TSUBAKI KABELSCHLEPP group. KABELSCHLEPP invented the cable carrier decades ago. The result: Our customers benefit from over 60 years of experience in the development, production and assembly of cable carriers. As a member of the TSUBAKI group, we are also part of a globally operating group of companies.



**For the 7<sup>th</sup> consecutive  
time since 2008:**

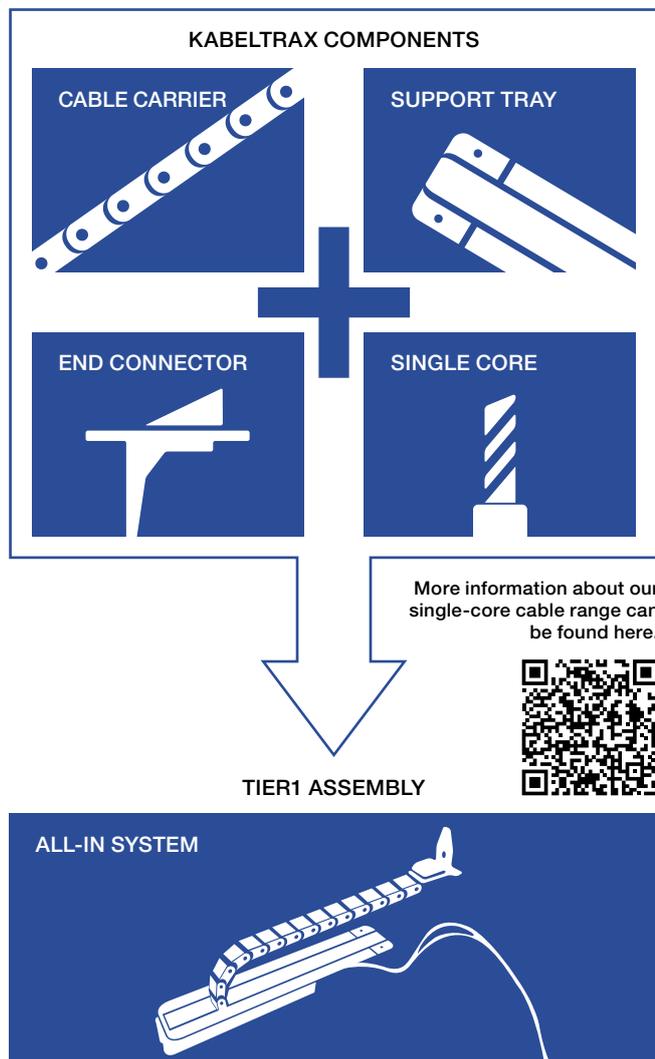
**Quality Excellence Award from  
SUMITOMO Electric Wiring Systems.**



# Systems that run, run and run ...

Whenever it comes to routing and protecting media such as energy, hydraulics or pneumatics KABELTRAX is applied. Because we provide proven standard products and individual solutions for a variety of applications in the automotive sector.

KABELTRAX customers do not only benefit from our competence and experience in the field of cable carriers. Plastic parts of the periphery such as connectors to the vehicle door and body as well as a range of single-core cables create a consistent KABELTRAX all-in system. The optimum match of the right components. Perfectly tailored to customer requirements and supplied from a single source as easy to assemble plug-and-play systems. The customer determines the scope of the system or selects individual components from our modular system.



## Roof Systems

- Sliding Roofs
- Panoramic Roofs
- Convertible Top Systems

## Door Systems

- Tailgates
- Rear Doors
- Retractable Service Ramps

## Interiors

- Steering Columns
- Displays
- Dashboards

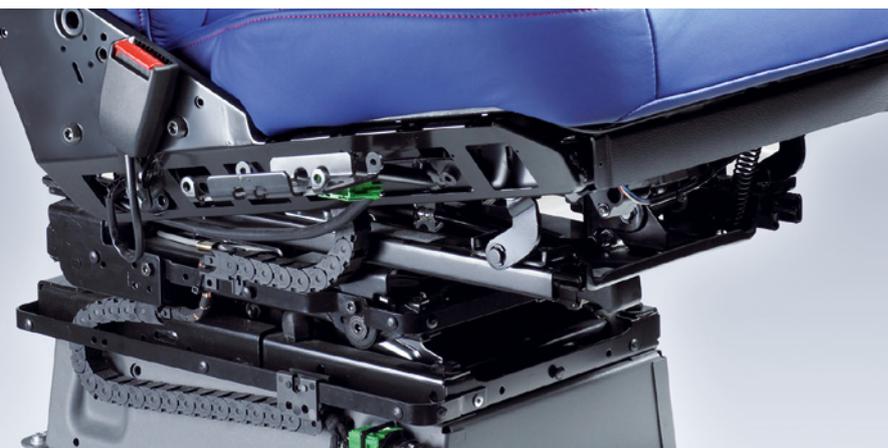
## Wiper Systems

## Seating Systems

- Seat Positioning Systems
- Heating and Ventilation
- Seat Power and Electronics

## Door Systems

- Sliding Doors
- Hinged Doors
- Swinging Doors





## Small space, large quantity. Clever solution!

Reliability in every application remains the key criterion for cable carriers. And that is exactly where you can rely on KABELTRAX.

Whether it is an automotive or another technical application with a tight installation space combined with the requirement for an extended service life and aging resistance: KABELTRAX creates solutions.

Take advantage of our standardized solutions for highly complex requirements – developed by years of optimization and therefore particularly suitable for tight spaces. Proven a million times over and used in ever new areas of application such as in the vending machine industry. Manufactured and assembled in 24/7 production for decades. That means: High capacities and a continuous zero-defect quality in manufacturing equal parts.

And for particularly tricky customer demands: KABELTRAX engineering is happy to accept the challenge. With intelligent use of technical possibilities, we work in close cooperation with customers to develop their individual products. From the first development steps to a smooth series production process. Additional engineering services such as installation space analyses, feasibility studies, validation tests and project management complete our range of services. Simply a reliable development partner.

You have a fully developed solution and are looking for the right partner for implementation? KABELTRAX is happy to provide its expertise in the field of development as well as in manufacturing to achieve the best possible production result.



# Good is OK. We strive to be better.

The great scope of experience as a long standing partner for Tier1 suppliers and as OEM partner is a hallmark of KABELTRAX. We have been equipping vehicle types from a great variety of brands with our cable carrier systems for decades and thus we are a competent and reliable partner. From the first concept and the development to SOP and beyond. Completed by a standardized production process with permanent quality control and 100 % process monitoring: Each individual chain link is captured by the camera, analyzed and measured.



## DEVELOPMENT DESIGN

- Customized solutions on customer demand
- Know-how from the inventor of the cable carrier
- Decades of experience in developing and designing new systems



## TEST VALIDATION

- Tests on product-specific test stands according to customer specifications
- State-of-the-art product simulation processes, FMEA and moldflow analyses



## PRODUCTION ASSEMBLY

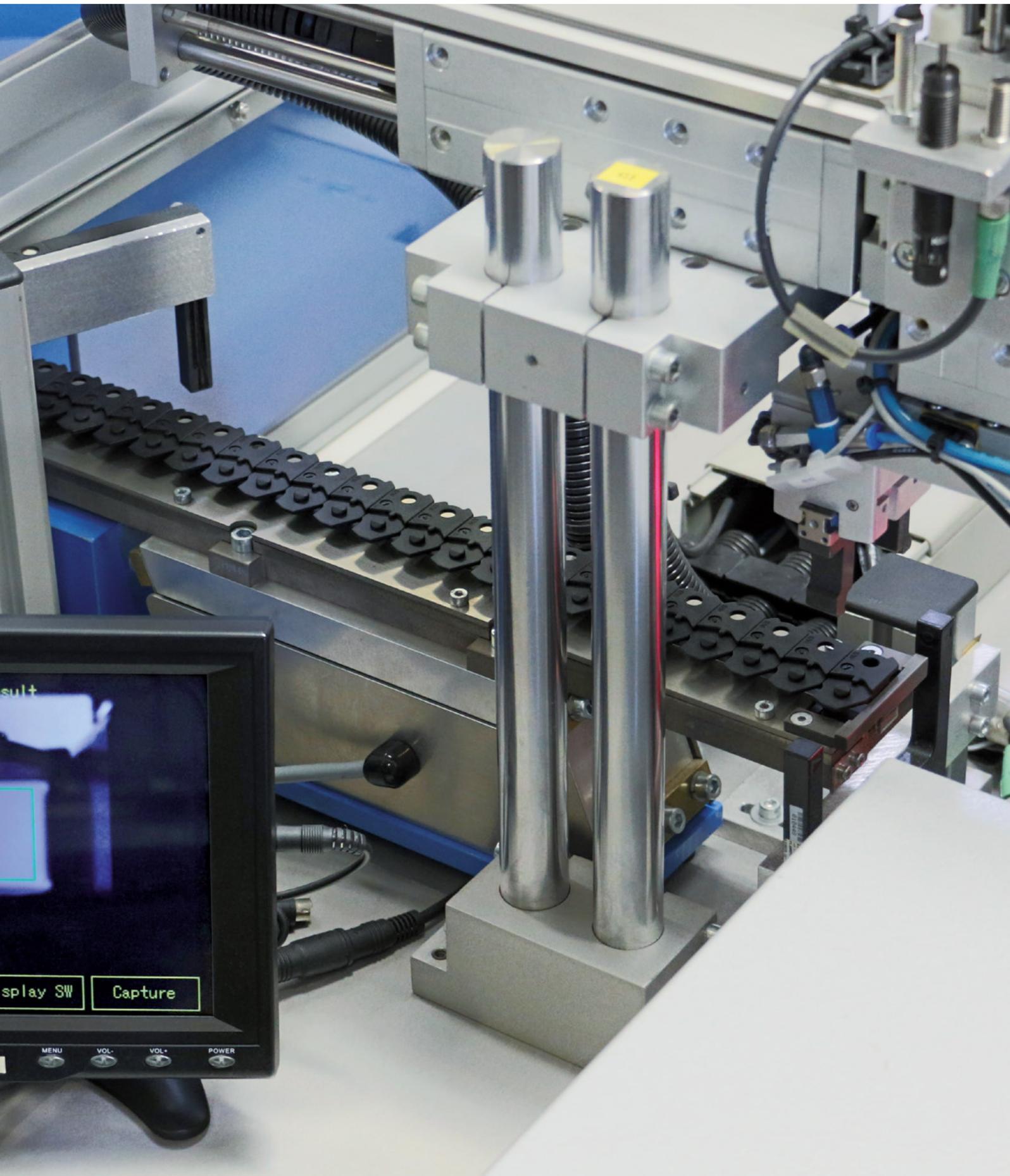
- Automated production and assembly
- Permanent quality control during production and assembly



## QUALITY SERVICE

- 0 ppm on millions of cable carriers supplied
- Cable carriers on stock for all models up to 15 years after EOP









# Highest level of performance: Achieved together as a team!

The KABELTRAX competence teams are structured exactly to requirements. Engineering support, sales, system consulting during the entire product life cycle, consultation on site – to achieve technically and economically optimum solutions.

System partner for:



Our end customers:



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Find your  
KABELTRAX  
contact here.

## OUR PRODUCTION FACILITIES IN GERMANY, JAPAN AND USA



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