



LEADING IN PRODUCTION EFFICIENCY

# ON TRACK PERFORMANCE

## CONVEYOR SYSTEMS BY DÜRR



[www.durr.com](http://www.durr.com)



# INNOVATIONS ALL ALONG THE LINE

With advanced, efficient technologies, systems and solutions, Dürr is a competent partner to the automobile and automotive supplier industry worldwide.

Dürr stands for process competence and customer-orientation not only in the area of painting systems, but also in final assembly. One component of this success is our strong product range in conveyor technology – for floor conveyors, as well as for overhead conveyors.

The market success of our conveyor systems is based on continuous development and maximum reliability with reduced maintenance effort. Whether newly installed or integrated into existing systems, conveyor technology by Dürr stands for standardization based on current quality standards.

## Conveyor systems from Dürr stands for:

- » Technology expertise from one single source
- » Global presence with uniform quality standards
- » 70% of supply and services in final assembly from Dürr
- » Efficient start-up through optimal material flow simulation



# FASmotion: UNIVERSAL SOFTWARE FOR FLEXIBLE CONVEYOR SYSTEMS

The **FAS**motion control software allows flexible control of mobile conveyor trolleys such as electric monorails or skilnet conveyors with individual drive and up to four axles.

Added flexibility and precision for the transport in the line – these goals are achieved by the use of the enhanced **FAS**motion control software. With an optimized and standardized control platform and software, the conveyor trolleys can be better adjusted to the specific requirements in the fields of production as well as of service and maintenance.

The consistency of the components used and their standardized handling make the new development even more attractive. This is a very important feature for automotive final assembly where different conveyor systems can now be operated with the same software and hardware. The possibility to use

up to four axle movements makes **FAS**motion furthermore a valuable asset in other fields of application calling for flexible movement in space.

Depending on the cost-benefit ratio, power supply to **FAS**motion can be either inductive, i.e. non-contact or via busbars. Non-contact communication with and among the trolleys is implemented by means of Wi-Fi wireless technology.

Almost anything can be transported on the conveyors: entire car bodies, automotive parts or aircraft turbines. Using different conveyor types, parts with a weight from 200 kg to more than 5 tons can be moved.



» *FAS*motion – flexible use



With its overhead conveyors, Dürr sets standards in flexibility and functionality.



### Electric Monorail System

The Electric Monorail System is found both on pure transport sections at high speed and on work lines with adjustable rates. The variable tracking of the line through the plant allows the transport of components or even entire vehicles.



### Twin Trolley System (TTS)

With the drives being located in the rails, an onboard control is not necessary. Additional advantages include the high speed, the absence of slipping and the low maintenance costs.



### Skid Conveyors

Skidlets from Dürr feature a specially integrated lifting mechanism that offers an optimal working height for every line section. The platforms can be walked on and allow for flexible division of work.



### Inverted TTS

The Twin Trolley System (TTS) developed by Dürr also proves its capabilities as the floor conveyor inverted TTS. This versatility makes it possible to use a single conveyor system from the body shop to final assembly and thus to reduce spare parts requirements significantly.





### Vertical Adjustment Conveyor

Our overhead conveyors can be combined with height-adjustable lifting hangers. The standardized modular concept allows individual height positions to correspond to any work cycle, implementing high ergonomic standards.



### Rotating hanger

In addition to the height-adjustable hanger we offer rotating hangers for our overhead conveyors to further enhance ergonomics. This tilts the vehicle for underbody work into an ergonomic working position



### Modular Chain Conveyor

This technology is used for man moving and vehicle transport. Modular Chain Conveyors have impressively low maintenance efforts and their resistance to dirt makes them excellently suited for use in wet areas.



### Skid Conveyors

Thanks to the robust technology and the resistance to moisture and dirt, Skid Conveyors are used in all manufacturing areas, from body shop to final assembly. Based on our experience in the painting area, we offer a highly advanced product.

Dürr floor conveyors stand for maximum availability and increased efficiency in production.



LEADING IN PRODUCTION EFFICIENCY

## Dürr – Leading in Production Efficiency

Five divisions, one goal: maximum production efficiency for our customers

- » **Paint and Final Assembly Systems:** paint shops and final assembly systems for the automotive industry
- » **Application Technology:** robot technologies for the automatic application of paint as well as sealants and adhesives
- » **Clean Technology Systems:** exhaust-air purification systems and energy-efficiency technology
- » **Measuring and Process Systems:** balancing systems as well as assembly, testing and filling technology
- » **Woodworking Machinery and Systems:** machinery and systems for the woodworking industry