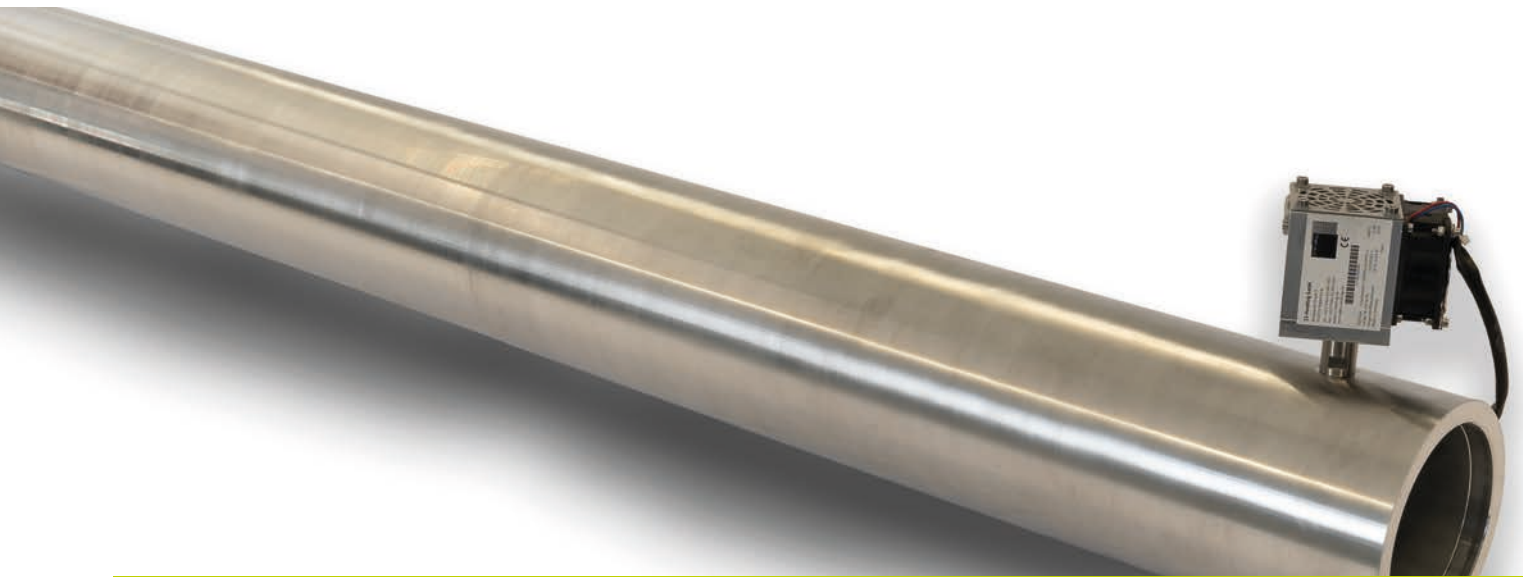
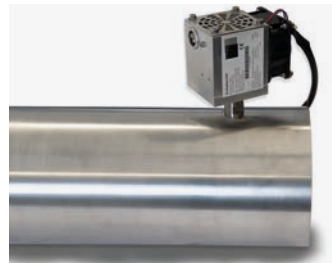
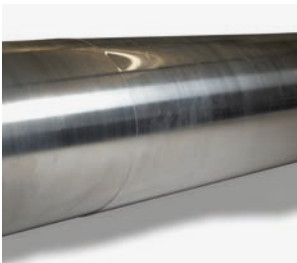


# LeviRoll



## CONTACTLESS TRANSPORT ROLLTOROLL

With the Levi RollToRoll Transport Lines it is possible to lift, redirect and transport sensitive and flexible glass, foils and packaging.



### No scratches on the substrate

Our technology generates a thin air film between the substrate and the surface of the roll, which allows the contactless roll-to-roll transport of workpieces. Therefore, micro-scratches and contamination can be prevented.

The application can be delivered in different versions. For example, combinations with the UltraLeviDesk for contactless transport are possible.

The system also allows the inspection of substrates.

### Features of the LeviRoll:

- Contactless transport
- Different lengths available
- Suitable for different web tension
- Customizable according to customer specifications, for example with inspection systems

### Applications



[zs-handling.com](https://www.zs-handling.com)

### Contact and Sales:

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Further information can be obtained with the QR code on the right or under <https://www.zs-handling.de>



Innovative Technology:

# Ultrasonic Suspension



Our handling systems use the ultrasonic suspension technology to apply the handling forces to the workpiece and can be used in all atmospheric processes.

Vibration generators with separate power electronics generate a compressed air film with repulsive forces. Process combinations enable the generation of attracting forces.

The surrounding air or process gas is compressed by the ultrasound. This allows components to be lifted and guided along defined paths without contact. In combination with negative pressure, workpieces can also be gripped on the upper side - without touching them.

The ultrasonic suspension technology requires less energy than other non-contact handling technologies.

## **We at ZS-Handling have a mission:**

*to enable our customers to handle sensitive products in production and for testing purposes without contact.*

## **We make parts float.**

*Since 2006, we have been developing, producing and selling components and special machines for users in Europe, North America and Asia.*

## **Our Products**

LeviSolar-Gripper  
 LeviWafer-Gripper  
 MicroLevi-Gripper  
 OptoMicroMed-Gripper  
 RobotOverhead-Gripper  
 UltraLevi-Chuck  
 UltraLevi-Desk  
 LinearLevi-Conveyor  
 LinearOverhead-Transport-System  
 LinearLevi-Inspektions-Module  
 Modulares Waferhandling-System  
 Levi-Roll

## **Applications**



- Battery and fuel cell
- Foil
- Glass
- Lenses
- Medical Technology
- Packaging
- Wafers & Chips

## **Processes**



- Loading and unloading
- Conveying
- Gripping
- Inspection
- Sorting
- Separating