

# LUCY

Compact radar arm AGV

**DS**  
AUTOMOTION



**Payload max.  
500 kg /  
1,102 lbs**



## **Wide range of applications for different load carriers**

Thanks to its modular design, LUCY is suitable for transporting a wide variety of load carriers. Roll containers, racks, shelves, floor rollers with stacked small load carriers and much more can be picked up and set down automatically. Even pallets weighing up to 500 kg / 1,102 lbs can be transported with LUCY. An adaptation of the screwed load handling device to customer-specific load carriers is very easy to realize.

Discover LUCY live using  
augmented reality!



# LUCY

Compact radar arm AGV

## The all-rounder for small loads

Due to its adaptability, LUCY is predestined for smaller and lighter transport tasks. Anything smaller and lighter than a standard pallet is no trouble for LUCY.

### **D Flexible**

The vehicle head, as well as wheel arms and load handling attachment are designed as independent modules. The wheel arms and the load handling attachment can therefore be individually adapted to the transport requirements.

### **D Multifaceted**

Despite its compact design, loads of up to 500 kg / 1,102 lbs can be transported safely. Even if there is little space available under the transport goods.

### **D Robust**

As a very robust vehicle, LUCY plays in a league of its own. The high payload combined with a long service life underscores its cost-effectiveness. In terms of TCO, LUCY is right out in front.



## Technical data

Payload:	max. 500 kg / 1,102 lbs
Speed:	max. 1.8 m/s / 5.9 f/s
Lifting height:	600 mm / 23 in
Navigation:	Contour based laser navigation (KBL)
Protective field:	360°
Battery:	Lead-gel, pure lead, lithium
Display:	10.1" touch display as option

## Personal safety

- D** Protected integrated laser scanner
- D** Step protection bar
- D** Optional 3D object protection with camera

VDA 5050  
and LIF-File  
compatible

