



**SHIFTER**  
Heavy load transport solutions



**SHIFTER MULTI FLEX**  
**SAFE, QUICK AND EFFICIENT**  
**TRANSPORT OF HEAVY LOADS**

—  
A product of AVT Europe

Shifter  
Multi Flex

# Shifter Multi Flex from AVT Europe

## Pioneer in heavy transport

At AVT Europe NV, we noticed the need for efficient **transport solutions** that adapt to different environments in plants and factories. That's why we went looking for a solution and came up with innovative new products, called **Shifter!**

Our Shifter transport solutions are flexible, easy to use and precise. **Shifter Multi Flex, Shifter Mono, Shifter Flex** and **Shifter Trailer** all have their own special advantages.

'**Shifter Multi Flex**' consists of two or more innovative systems, **customised** to match all the expectations of your project.

So how does the **Shifter Multi Flex** work? Well, our system is designed for efficient and carefree transport of exceptionally large and heavy objects. Some advantages? Minimal friction and zero stress on the overlying load. Moreover, the two - or more - Flex units work together and everything moves

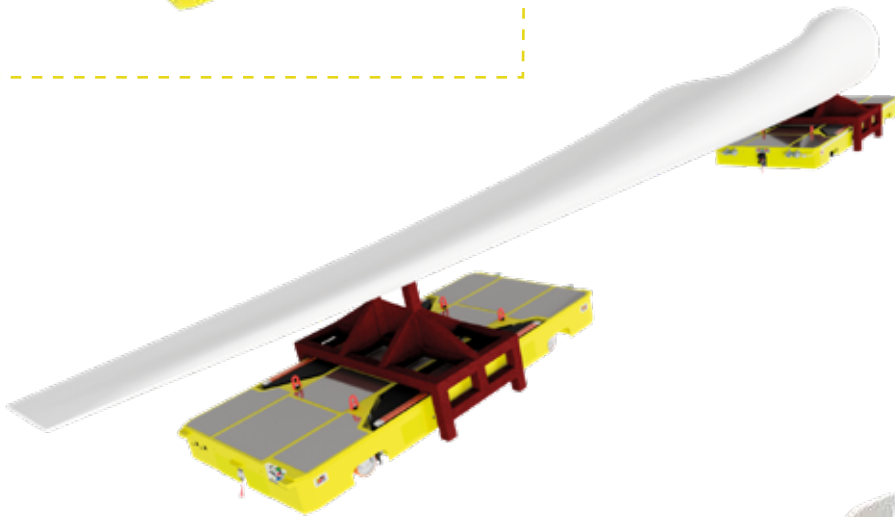
synchronously and precisely. Both units find each other automatically, regardless of their positions. This provides the necessary flexibility.

**Ask us about the advantages of the Shifter Multi Flex for your business!**

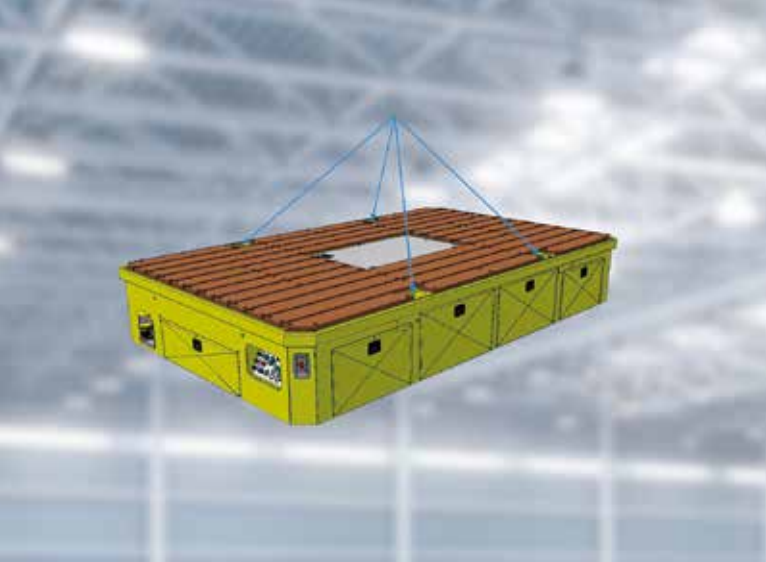


**MOVING HEAVY PARTS, TOOLS, PRODUCTS - AND MORE - FROM A TO B IN A SAFE AND FAST WAY!**

# A Shifter suitable for each industry



Shown here are just some of the Shifter Multi Flex's possible applications. Through development of **custom-made variations** of the Shifter products, we're able to assist **every sector** in need of a solution.



**Safety feature**

**Integrated lifting points**

**Safety feature**

**Possibility to disconnect and lock the power connections**

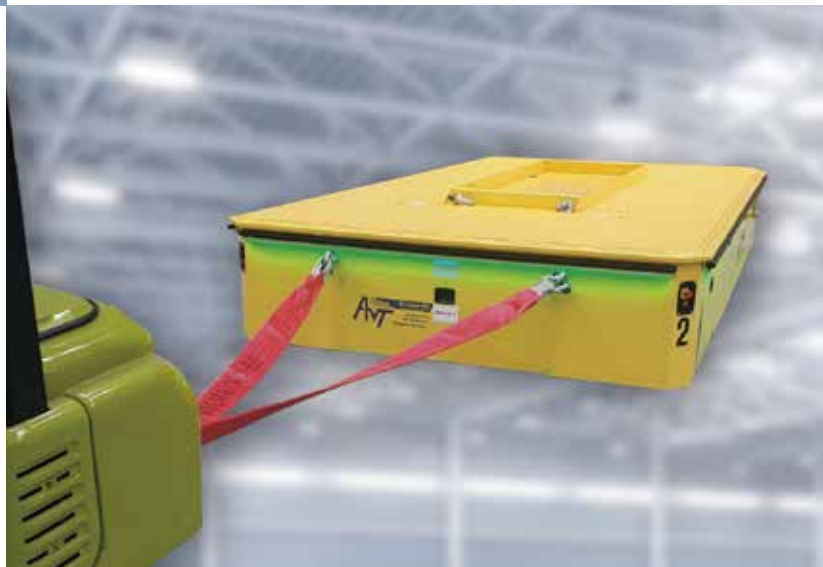


**Safety feature**

**E-stop and lighting on each corner**

**Safety feature**

**Integrated towing points**



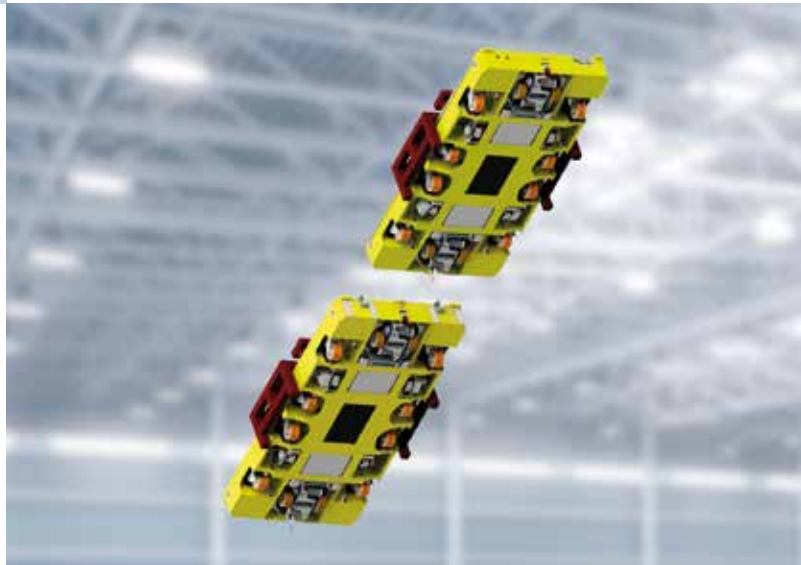


## 01 Virtual connection

The Shifter's systems are virtually connected. This allows you to control everything remotely: Safely, quickly and accurately! Each Shifter can be operated independently from the other.

## 02 Minimal friction

Thanks to our technology, there is no stress on the overlying load. The result is top-quality, carefree transport. Moreover, you reduce the floor pressure and the surface is hardly loaded.



## 03 Minimal maintenance

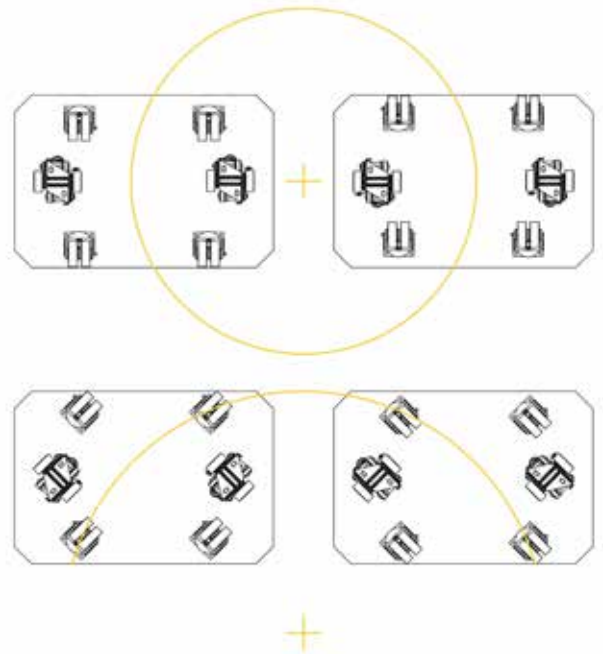
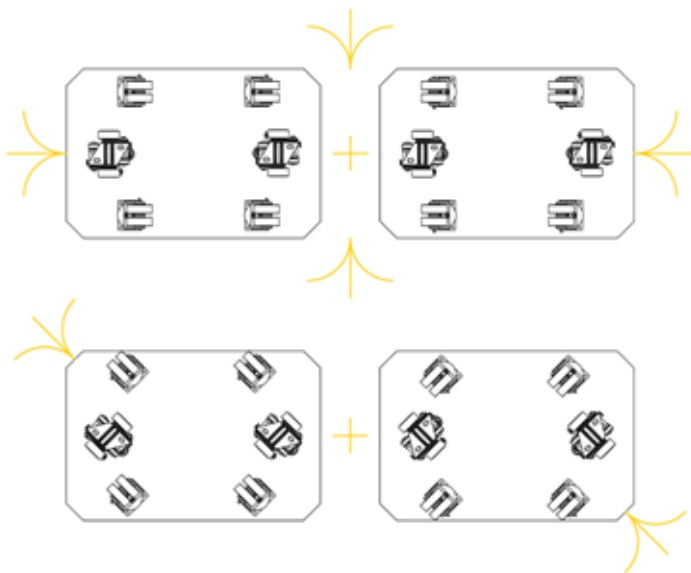
All sides/compartments of Shifter are easy to reach. This makes our system easy to maintain. No need for overhead cranes or other tools.

## 04 Precise movements

We continuously measure the distance between the two Shifter vehicles. This way everything moves synchronously, precisely and automatically. Due to the possibility to move both vehicles omnidirectional, this is a very FLEXible system.



# Driving methods



## Driving direction

The Shifter Multi Flex is able to move reverse, forward and in curves (left and right). The lateral movements you'd expect. Furthermore, it can move in every possible direction, while moving in a transversal fashion. The signature 'crab' movement means that the Shifter Flex can move diagonally in all directions.

## Rotation direction

The Shifter Multi Flex is capable of rotating 360 degrees, thanks to its centered axis.

# Included in every Shifter Multi Flex



Battery driven



Pneumatics



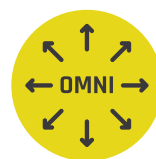
Dual drive



4G connected



Swivel wheel



Omni directional



Remote controlled

# Optional for your custom Shifter Multi Flex



AGV ready



Integrated lifting table



Lifting with suspension



Movable, external table



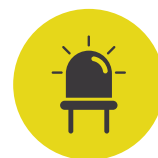
Multi wheel



Rail wheel



ATEX proof package



Led indication



Safety scanner



Safety bumper



Slope



High speed package



# More custom made solutions from AVT



**Transport solutions**



**Robotics and automation**

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