# AMADEUS

*The high-lift stacker*

DS AUTOMOTION


***Lifting weight max. 2,000 kg / 4,400 lbs***


## *Move and lift loads in four combinable versions*

The AMADEUS high-lift stacker is at your side for all undertakings. It can not only handle up to two Euro pallets and industrial pallets, but also boxes, containers or special goods tailored to your needs. The driverless operation and its extremely compact design make the stacker an uncompromisingly industrial driverless transport vehicle with guaranteed personal safety.

*Discover AMADEUS live using **augmented reality**!*

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## Born driverless

The AMADEUS-family is a result of 40 years of experience in the development of driverless transport systems. The AMADEUS forklifts accomodate laser navigation as well as the contour-based Navigation (SLAM). The AGVs can be offered with all different types of navigating systems and it is possible to integrate them into existing systems. The sensors for personal safety work without blind spots with unobstructed 360° surround view. It fits seamlessly in the new design of DS Automotion with a compact, rounded vertex. For the interaction with operators the AMADEUS-family offers a 10“ touch display and can also be equipped with voice output.
Other features include cameras for additional property protection, blue spots projectors and laser lane marker for collision avoidance with manual forklifts.

### AMADEUS classic

### AMADEUS counter

*Technical details differ*

### AMADEUS wide

### AMADEUS low

*Technical details differ*

### AMADEUS grip

## Technical data

| | |
|---|---|
| Max. Payload: | 1,5 t / 3,300 lbs<br>2,0 t / 4,400 lbs |
| Max. Speed: | 1,8 m/s / 6 f/s |
| Lifting / fork height: | Monomast:<br>85 – 1.200 mm / 3 – 39 in<br>Duplex-Mast:<br>85 – 2.800 mm / 3 –113 in |
| Navigation: | Laser, SLAM technology, magnet |
| Loading: | automatic charging, battery replacement |
| Battery: | lithium, lead, lead gel |
| Low maintenance costs due to AC drives | |

## Personal safety

Protected integrated laser scanner with 360 ° surround view

**Lifting height max. 2,800 mm / 110 inch**

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