

# 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!



# AMADEUS

The high-lift stacker



## Born driverless

The AMADEUS-family is a result of 35 years of experience in the development of driverless transport systems. The AMADEUS forklifts accommodate laser navigation as well as the contour-based Navigation (SLAM). The AGVs can be offered with all different types of navigating systems offered by DS AUTOMOTION 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 options include cameras for additional property protection, blue spots projectors and laser lane marker for collision avoidance with manual forklifts.

### AMADEUS classic



### Technical Details

Max. Payload	1,5 t / 3,300 lbs 2,0 t / 4,400 lbs
Max. Speed	1,8 m/s // 6 f/s
Lifting height / Fork height	Monomast: 85 mm – 1200 mm / 3 in - 39 in  Duplex-Mast: 85 mm – 2800 mm / 3 in - 113 in
Navigation	Laser, SLAM technology, magnetic
Power supply	automatic charging, battery replacement
Battery	Lithium (24 V / 148 Ah / 222 Ah / 296Ah ) Lead Gel (24V / 375 Ah)
Low maintenance cost due to	AC drives

### AMADEUS counter



Technical details differ

### AMADEUS wide



### AMADEUS low



Technical details differ

### AMADEUS grip



### Personal safety

- Protected integrated laser scanner with 360 ° surround view

Lifting height  
max.  
2,800 mm/  
110 inch