



MOBILE TERMINAL EQUIPMENT

Lödige FlexLoader

Designed for small and medium-sized cargo terminals, the FlexLoader is the multifunctional handling unit for pallets and ULDs.

The electro-hydraulically operated FlexLoader combines the function of a truck dock and a pallet transporter. It has all the functions necessary for the handling of air cargo units from the unloading of lorries, transporting units within the warehouse and transferring on to workstations, slave pallets and dollies.

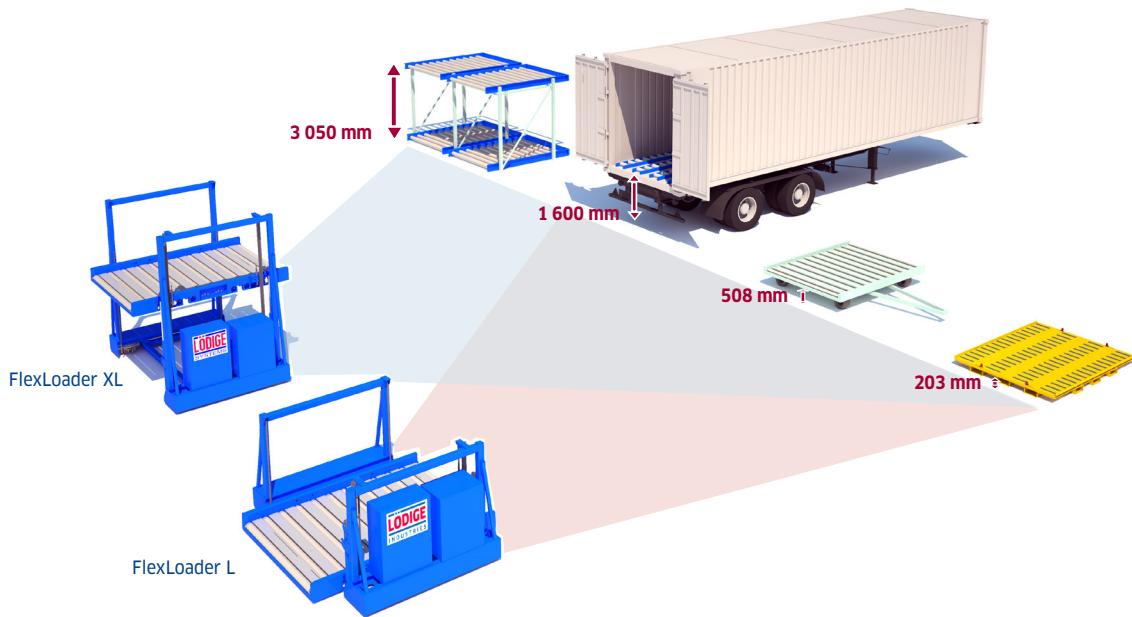
Powered by a rechargeable battery, the FlexLoader has a freely steerable drive which allows flexible drive movements in all directions. The integrated lifting function of the vehicle allows uptake and release of ULDs from different heights. The FlexLoader is available in two different sizes.

Advantages:

- Extremely flexible options for handling courtesy of remote control operation
- Versatile range of uses with just one piece of equipment
- High manoeuvrability
- IATA-compliant transportation of ULDs and pallets



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Functions:

All functions of the FlexLoader are controlled with a wireless remote control panel. This allows the operator to take place in the optimum position next to the FlexLoader with the best overview in each loading and unloading situation. The FlexLoader XL can optionally be equipped with a cabin in which the operator can drive on the FlexLoader.

- Horizontal transfer of ULDs in the NEP direction
- Vertical alignment with the various heights of docking lorries
- Vertical transfer of ULDs to the second custom built storage level (FlexLoader XL)
- Functions as a connecting conveying facility between lorries and the storage system
- Provide the friction drive for the conveyor storage decks

	FlexLoader L	FlexLoader XL
Lifting area	203 - 1,600 mm	203 - 3,050 mm
ULD weight	max. 6,800 kg	
ULD base plate size	max. 3,175 x 2,440 mm	
ULD category	max. 15'	
Length	3,500 mm	
Width	4,425 mm	4,430 mm
Height	2,200 mm	3,480 mm
Dead weight (incl. battery)	ca. 4,300 kg	ca. 4,600 (5,000)* kg
Lifting speed	max. 0.05 m/s	
Driving speed	max. 1 m/s	
Conveying speed	max. 0.3 m/s	
Charging voltage	400 V / 50 Hz	
Operating voltage	48 V	
Battery capacity	300 Ah	
Operating pressure	max. 180 bar	
Flow rate	max. 14 l/min	

* with options cabin and skirting protection