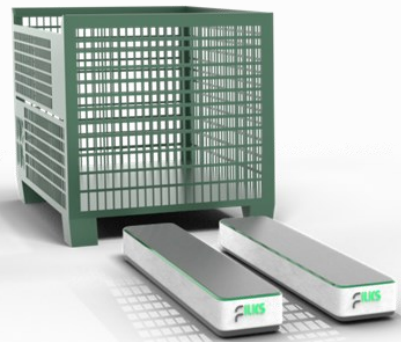


Filics Unit – Intelligent Pallet Handling



Unit Specification

Dimensions per skid (L x W x H)	120 x 20 x 9 cm
Weight per skid	< 50 kg
Possible load carrier	Euro pallet, Industrial pallet, Euro grid box



Lifting

Lifting modules per skid	2
Lifting height	60 mm
Max. lifting weight	1.200 kg



Navigation

Type	SLAM
Position accuracy	±1 cm



Drive Concept

Wheels per skid	4
Drive system	Omnidirectional
Max. speed	2,0 m/s (unloaded) 1,2 m/s (loaded)



Battery

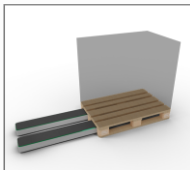
Type	LiFePO4
Operational time up to	4 hours
Charging time	20 min



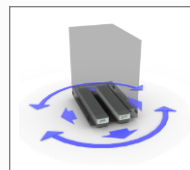
Climatic Conditions

Temperature range	5 - 40°C
Humidity	max. 80 %

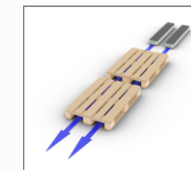
Reshaping Intralogistics



- ✓ Minimal footprint
- ✓ No space outside the load carrier necessary



- ✓ Max. freedom of maneuverability
- ✓ Sideways movement of pallets



- ✓ Drive through load carriers
- ✓ Enables a multitude of new use cases

