

Filics Unit - The double skid system for intralogistics pallet transportation

- ✓ Minimal footprint
- ✓ Disappearing completely under the load carrier

- ✓ Maximal freedom of maneuverability
- ✓ Moving a pallet in any direction

- ✓ Drive through load carriers
- ✓ CE certified for human machine interaction

Unit Specification

Dimensions L x B x H	120 x 20 x 9 cm
Weight per skid	< 50 kg
Load Carriers focus, and others	Euro Pallet

Lift Concept

Lifting Modules per skid	2
Lifting Height in cm	9 cm
Lifting Weight maximum	800 kg

Sensors

LiDAR	Localization, Navigation, Detection, Safety
Camera	Detection, Safety
Time of Light	Safety

Drive Concept

Wheels per skid	4
Drive System	omnidirectional
Speed maximum	Unloaded: 2,0 m/s Loaded: 1,2 m/s

Battery Concept

Type	LiFePO4
Runtime fully charged	4 hours
Charging Time empty battery	30 minutes

Communication

Blue Spot	Driving Direction
LED Strip	Status Notification
Speakers	Acoustic Warning