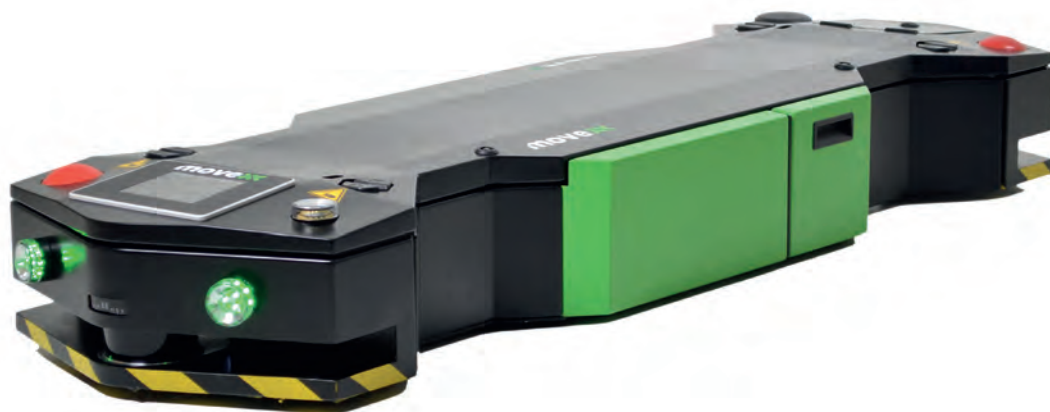




## movexx

driven by brain power



DATASHEET  
**Movexx AGV1000-UR**  
**2018**

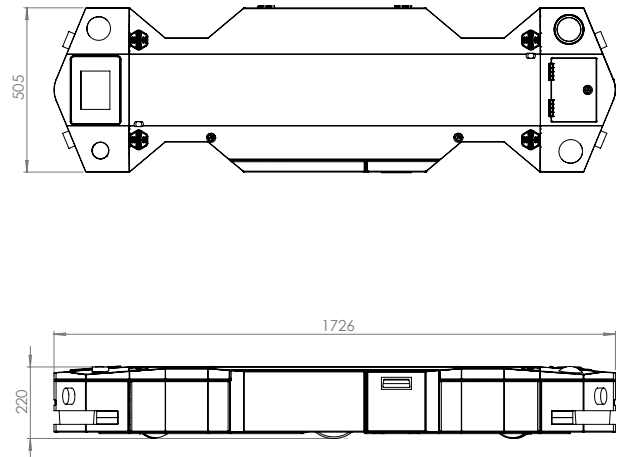




## Specifications AGV1000-UR

Version	Bi-directional AGV
Application	Palletcart UnderRider
Trolley weight	Maximal 1000 kg
Underride height	Minimal 235 mm
Speed	Stepless to 3,4 km/h
Corner speed	Maximal 1,0 km/h
Corner radius	Minimal r=1000 mm
Navigation	Optical with RFID-tags
Traction	300 W, 24 VDC, 100 rpm
Traction wheels	Full rubber Ø180x80 mm
Brake	Electric
Parking brake	Electromagnetic
Energy supply	Lithium Batt. 24V 36Ah
Back-Up supply	B-U batt. 24 V, 1,2 Ah
Frame construc.	Steel powder coated
Natural weight	140 kg with battery
Length	1726 mm
Width	505 mm
Height	220 mm
Noise level	67,1 dB
Usage temp.	0°C - 50°C
Protection class	IP44

## Dimensions AGV1000-UR



## Pulling power AGV1000-UR (in kg)



\*Measured with a trolley with 2 swivelwheels and 2 fixed castors.  
Wheel diameter: 160mm



## Standard AGV1000-UR



## Standard parts AGV1000-UR



Battery Lithium-LiFePO4,  
36Ah GREEN

Item number:  
OPT0106



Driving Wheel full rubber  
Ø180

*Diameter 180mm, width 80mm,  
maximal weight 300kg*

Item number:  
M1075



Safety Scanner RSL420-S/  
CU416-10

*Safety scanner with 10 indi-  
vidual switchable field pairs.  
Maximal range 3m, 220°*

Item number:  
M0978



Lightvision module AGV  
with LED's

*Two white daylight LED's on  
the front, two red daylight  
LED's on the back*

Item number:  
OPTAGV0009

## Standard parts AGV1000-UR

Motor 300W 100RPM with  
brake



Item number:  
M1033

Charger 25,6V 10A LITHI-  
UM



Item number:  
M0384

7" colour display + RFID &  
route module



*Full colour control high reso-  
lution display with program-  
ming options for RFID-tags en  
routing*

Item number:  
OPTAGV0001

Remote 6-kanaals AGV



Item number:  
OPT0338

