

Movexx **AGV1000-UR**
PARTS & OPTIONS

Aug. **2019**

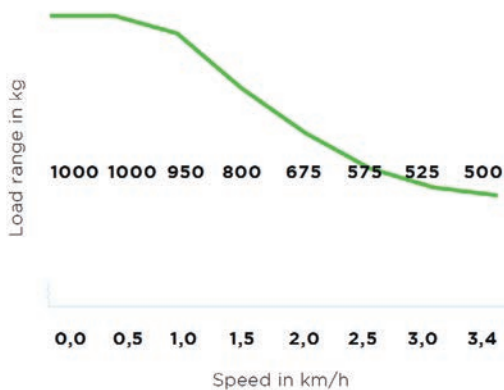
Specifications

Technical details

Version	Bi-directional AGV
Application	Palletcart UnderRider
Trolley weight	Maximal 1000 kg
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	Exchangeable battery pack
Back-Up supply	B-U batt. 24 V 1,2 Ah
Frame	Steel powder coated
Underride height	Minimal 235 mm
Weight	140 kg with battery
Noise level	68,5 dB
To use from	0 °C / 50 °C
Protection class	IP22

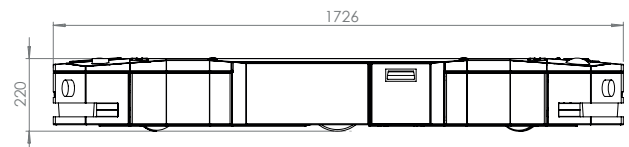
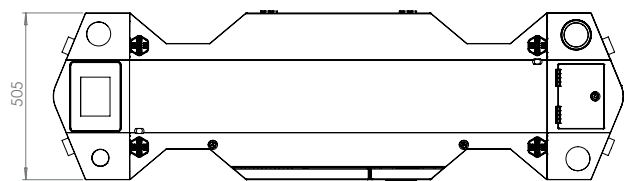
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Pulling power (in kg)



Measured with a trolley with 2 swivel wheels and 2 fixed castors. Wheel Ø 160 mm.

Dimensions



Standard parts



Motor 300W / 100rpm
(6911393E) with brake
Item number M1033



Charger (external)
Lithium battery 25,6V / 10A
Item number OPT0013



Battery Lithium green
(LiFePO4) 25,6V / 36Ah
Item number OPT0106



Drive wheel, full rubber
Black Ø 180 x 80mm
Item number M1075



Wheel Ø 125 x 40mm
Grey, electrical conductive
Item number M2975



Light vision module
Two white LED's on the front; two red LED's on the back
Item no. OPTAGV0009

Standard parts



Cable remote with
emergency stop
*Forward, backward, left
right and emergency stop*
Item number OPT0104



Safety scanner
RSL420-S/CU416-5
*with 10 individual switch-
able field pairs. Maximal
range 3m at 220°*
Item number M0978



7" colour display +
RFID & route module
*for programming options
for RDIF-tags & routing*
Item no. OPTAGV0001

Options



Wifi module
for wireless LAN
Item no. OPTAGV0013



AGV track straight
b=160mm l=25m PVC
Item no. M2731-0019

Options



AGV Track corner 45°
b=160mm r=1m PVC
Item no. M2731-0020



AGV Track corner 90°
b=160mm r=1m PVC
Item no. M2731-0021



Sticker for credit card TAG
*Special sticker for sticking,
protecting & covering TAG's*
Item no. M0974-0001



RFID TAG 86x54mm 0.8mm
(creditcard)
*Radio Frequency ID tag
to control AGV*
Item no. M0974

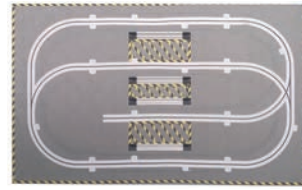


RFID tag, papercard
self-adhesive (80x50mm)
Radio Frequency ID
Item no. M2803



RFID tag, Ø 20 x 2,8 mm
Radio Frequency ID
Item no. M0988

Options



Demo floor, gray (6,5x3 m)
*Plastic tile floor with
slow/fast RFID-tags*
Item no. OPTAGV0000



Positioning rail (2,35m)
*palletcart, for exact posi-
tioning palletcart over the
AGV track*
Item no. OPTAGV0015



GS-Fleetcontrol AGV
Traffic Management,
*Manage & controls
max. 99 AGV vehicles*
Item no. OPTAGV0020



GS-FLEetcontrol
ERP interface, *Data inter-
face between traffic server
software & customer ERP*
Item no. OPTAGV0021

Batteries and Chargers



Battery Lithium green
(LiFePO4) 25,6V / 36Ah
Item number OPT0106

Batteries and Chargers



Charger (external) for
Lithium battery, 25,6V / 10A
Item number OPT0013



Wall mounted Lithium
charger, incl. Lithium
charger 25,6V / 10A
Item number OPT0023



Wall mounted Lithium
charger (5x), incl. Lithium
charger 25,6V / 10A
Item number OPT0029



UPGRADE:
Wall mounting for charger
(for Lithium)
Item number OPT0261

Most common spareparts



Charger (external) for
Lithium battery, 25,6V / 10A
Item number OPT0013



Battery guide
(stainless steel)
Item number M0482



Battery connector SB50
Item number M0105



Safety scanner cleaning set
Item number M0978-6



Italsea drive controller
in 24V / 36 bat,
in 10A / Imax 45A
Item number M1122

Most common spareparts



Battery Lithium green
(LiFePO4) 25,6V / 36Ah
Item number OPT0106



Carbon brushes (set of 4)
for Motor 300W
Item number M0186

Most common spareparts



Fuse 5A
Item number M0506



Fuse Maxi 40A
Item number M0254

Most common spareparts



Drive wheel, full rubber
Black Ø 180 x 80mm
Item number M1075



Wheel Ø 125 x 40mm
Grey, electrical conductive
Item number M2975

applications



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driven by brain power

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