



Movexx **AGV-Basic**
PARTS & OPTIONS

Aug. **2019**

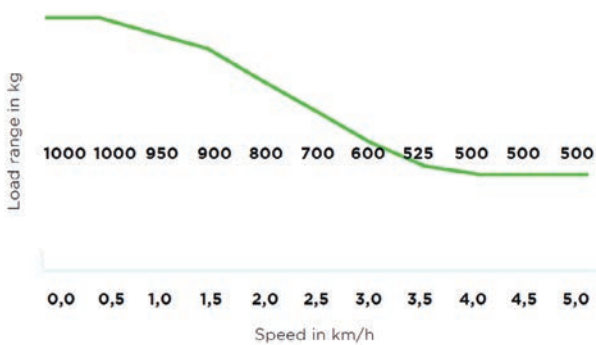
Specifications

Technical details

Version	Uni-directional AGV
Application	Pulling of trolleys
Trolley weight	Maximal 1000 kg
Speed	Stepless to 3,6 km/h
Corner speed	Maximal 1,0 km/h
Corner radius	Minimal r=1000 mm
Navigation	Optical track
Traction	300 W, 24 VDC, 100 rpm
Traction wheels	Full rubber Ø250x80 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
Weight	120 kg with battery
Noise level	68,5 dB
To use from	0 °C / 55 °C
Protection class	IP22

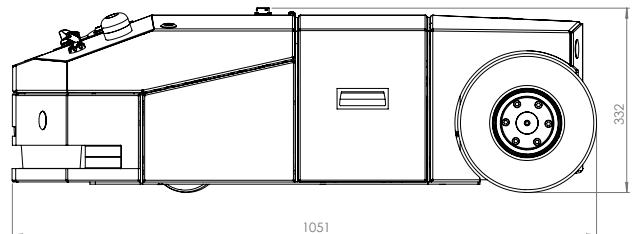
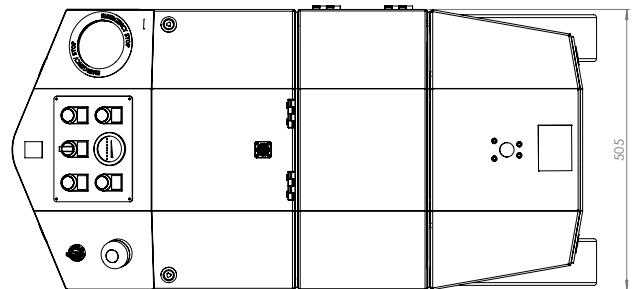
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Pulling power (in kg)



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)
AGM battery 24V / 5A
Item number OPT0009



Battery AGM-VRLA green
24V / 22Ah
Item number OPT0110



Drive wheel, full rubber
Black Ø 250 x 80mm
Item number M0248



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



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

Standard parts



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



Controle console with
buttons
*Manual/automatic, start,
stop, reset, steering central*
Item number OPT0177

Options



UPGRADE: drive wheel
full rubber, non-marking
Gray 2x Ø 250 x 80mm
Item no. OPTAGV0010



Flashlight+console compl.
*Console start/stop.
Flashlight: orange, green,
red and blue*
Item no. OPTAGV0014



Preparation electric hook
Item number OPT0143

Options



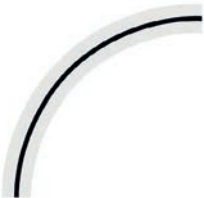
Ignition key 701 (equal)
Item no. OPTAGV0011



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



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 creditcard tag
*Special sticker for sticking,
protecting & covering TAG's*
Item no. M0974-0001



Metal tag (zendimir),
creditcard format
*For the 'stop', 'high speed'
and 'low speed' function*
Item number M2787

Batteries and Chargers



Battery AGM-VRLA green
24V / 22Ah
Item number OPT0110



Charger (external) for
AGM battery, 24V / 5A
Item number OPT0009



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



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



UPGRADE:
Battery Lithium (LiFePO4)
+ charger
Item number OPT0107



Wall mounted AGM
charger, incl. AGM
charger 24V / 5A
Item number OPT0015

Batteries and Chargers



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



Wall mounted AGM charger (5x), incl. AGM charger 24V / 5A
Item number OPT0039



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

Adapters



Base part hook 90° (double spring)
Item number H7040



Base part hook 90° (manual controle)
Item number H7090



Hitch ball Ø 50mm (incl. adapter)
Item number H0068



Hook for LKE platform-wagon (type X)
Item number H0076



Hook K-Hartwall dolly (DOS1617/1636, 90°)
Item number H0083

Adapters



Base part hook 90°
Item number H7030

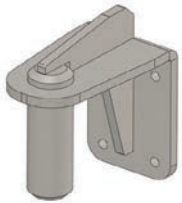


Electric disconnecting module for hook (AGV)
Stroke: 100 mm, for automatic undocking of the trolley
Item no. OPTAGV0003

Adapters



Pen for drawbar Ø16
Item number H0064



Pen for drawbar Ø35
Item number H0144



Towbar for Movexx
e-frame
(suitable for OPT0067)
Item number H0070



Pen for drawbar Ø15
Item number H0071



Pen for drawbar Ø10
Item number H0072



Folding hook Ø16
Item number H0128-D16

Adapters



Folding hook Ø20
Item number H0128-D20



Folding hook Ø25
Item number H0128-D25



Folding hook Ø27
Item number H0128-D27



Folding hook Ø32
Item number H0128-D32



Folding hook Ø35
Item number H0128-D35



Hook (quick connection)
AGV semi-automatic
Item number H5123

Adapters



Hook
load detection sensor AGV
Item no. OPTAGV0007

Most common spareparts



Battery guide
(stainless steel)
Item number M0482

Most common spareparts



Battery AGM-VRLA green
24V / 22Ah
Item number OPT0110



Torsion spring for hook
Item number M0116



Charger (external) for
AGM battery, 24V / 5A
Item number OPT0009



Tube for spring
Item number M0116-1



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



Safety scanner cleaning set
Item number M0978-6



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



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

Most common spareparts



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



Fuse 5A
Item number M0506



Fuse Maxi 40A
Item number M0254

Most common spareparts



Drive wheel, full rubber
Black Ø 250 x 80 mm
Item number M0248



Drive wheel
full rubber, non-marking
Gray Ø 250 x 80 mm
Item number M0115



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

applications



moveXX
driven by brain power

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