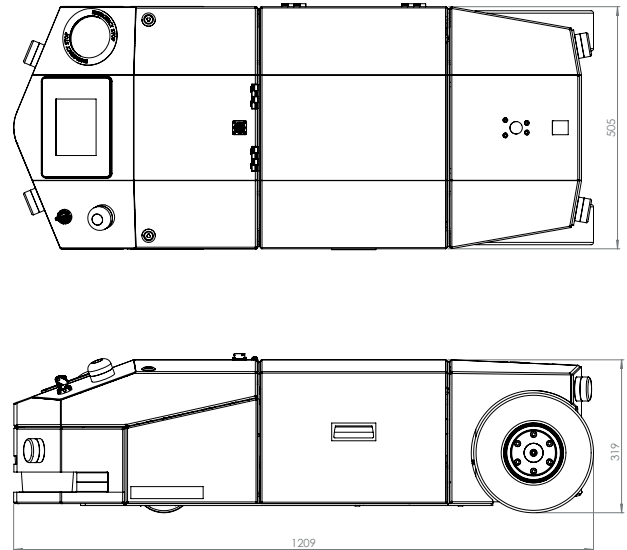




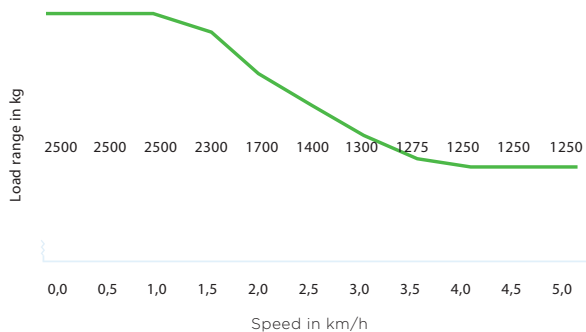
Specifications AGV2500

Version	Uni-directional AGV
Application	Pulling of trolleys
Trolley weight	Maximal 2500 kg
Speed	Stepless to 4,7 km/h
Corner speed	Maximal 1,0 km/h
Corner radius	Minimal r=1000 mm
Navigation	Optical with RFID-tags
Traction	600 W, 24 VDC, 100 rpm
Traction wheels	Full rubber Ø250x80 mm
Brake	Electric
Parking brake	Electromagnetic
Energy supply	AGM battery 24V 80Ah
Back-Up supply	B-U batt. 24 V 1,2 Ah
Frame construc.	Steel powder coated
Natural weight	300 kg with battery
Length	1209 mm
Width	505 mm
Height	326 mm
Noise level	68,5 dB
Usage temp.	0°C - 55°C
Protection class	IP44

Dimensions AGV2500



Pulling power AGV2500 (in kg)



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

Standard AGV2500



Standard parts AGV2500

Full-rubber drive wheel, black Ø250mm



Dimensions Ø250 x 80 mm

Item number:
M0248

Safety Scanner RSL420-S/
CU416-10



Safety scanner with 10 individual 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

Cable remote with emergency stop



Forward, backward, left, right and emergency stop

Item number:
OPT0104

7" colour display + RFID & route module



Full colour control high resolution display with programming options for RFID-tags en routing

Item number:
OPTAGV0001

Standard parts AGV2500

Engine 600W 100RPM
BRAKE 6911413X



Item number:
M2098

Battery 12V-80A



Item number:
M2102

Options AGV2500



Non marking wheels Grey
2 pc. AGV

Article number:
OPTAGV0010



Light Blue Spot Safety
light

*Daylight blue LED for ground-
spot*

Article number:
M0961



Ignition key equal keys
AGV

Article number:
OPTAGV0011



Wi-Fi module for wireless
LAN

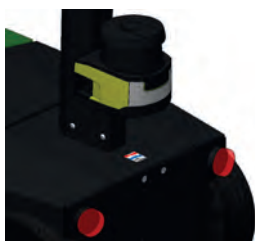
Article number:
OPTAGV0013



Flashlight+console complete
AGV1000/2500

*Console: start/stop and
emergency-stop. Flashlight:
daylight LED's orange, green,
red and blue.*

Article number:
OPTAGV0014



Safety scanner backside
on pole

*For scanning de siedo and
backside of the machine*

Article number:
OPTAGV0017



AGV Control Software
TransportControl LT

*Single license for AGV coordi-
nating & control software for
maximal 10 AGV's*

Article number:
OPTAGV0018



Sound & speech Module
AGV

*Akustical communication with
the environment*

Article number:
OPTAGV0019



TransportControl Traffic
Server Software

*Manage & controls maximal 99
AGV vehicles*

Article number:
OPTAGV0020



TransportControl Client
Vehicle Licence

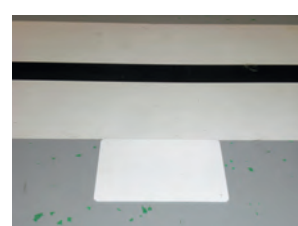
*Needed for every controlled
AGV*

Article number:
OPTAGV0021



Wissellaadstation + AGM
accupack AGV

Article number:
OPTAGV0022



RFID TAG 86x54mm
0.8mm (creditcard)

*Radio Frequency IDentification
tag to control AGV's (speed
changing, stop etc.)*

Article number:
M0974

Options AGV2500



Sticker for credit card TAG

Special sticker for sticking, protecting & covering TAG's

Article number:
M0974-0001



RFID TAG Ø20 x 2,8mm plastic (disk)

Radio Frequency IDentification tag to control AGV's (speed changing, stop etc.)

Article number:
M0988



Sticker AGV track straight w=160mm l=3m

To control speed RFID-tags along the track are needed

Article number:
M2731-0010



Sticker AGV track curve 45° w=160mm r=1m

Maximum corner speed 1 km/h

Article number:
M2731-0011



Sticker AGV track curve 90° b=160mm r=1m

Maximum corner speed 1 km/h

Article number:
M2731-0012



Sticker AGV track switch left 45° l=1m

For driving the intersection RFID-tags are needed. Maximum intersection speed is 1 km/h

Article number:
M2731-0013



Sticker AGV track switch right 45° l=1m

For driving the intersection RFID-tags are needed. Maximum intersection speed is 1 km/h

Article number:
M2731-0014



Sticker AGV Parallel docking Right

Article number:
M2731-0015



Sticker AGV parallel docking Left

Article number:
M2731-0016



RFID TAG 80x50mm pa-percard self-adhesive

Radio Frequency IDentification tag to control AGV's (speed changing, stop etc.)

Article number:
M2803



RFID Tag Ø=50mm d=3,3m

Radio Frequency IDentification tag to control AGV's (speed changing, stop etc.)

Article number:
OPT0095



Demo floor grey AGV 6.5x3,0m

Plastic tile floor, easy to install, with slow/fast RFID-tags

Article number:
OPTAGV0000

Options AGV2500



Positioning rail 2,35m palletcart

To exact positioning the palletcart over the AGV track, wheel width 50mm

Article number:
OPTAGV0015



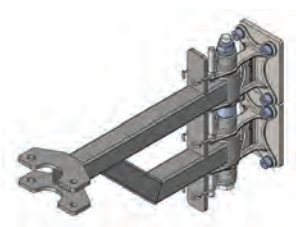
Base part hook 90°

Article number:
H7030



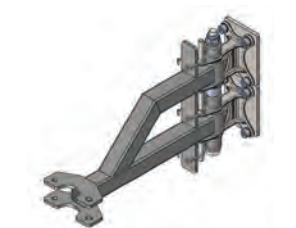
Base part hook 90° double spring

Article number:
H7040



Base part heavy hook 90° lowered

Article number:
H7070



Base part heavy hook 90° raised

Article number:
H7080



Base part hook 90° manual control

Article number:
H7090



Pen for Drawbar Ø16 incl. Backplate

Article number:
H0064



hitch ball coupling Ø 50mm incl. adapter

Article number:
H0068



Towbar for Movexx E-Frame

Suitable for OPT0067

Article number:
H0070



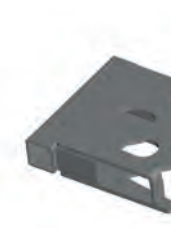
Towbar + pin Ø15mm incl. Back plate

Article number:
H0071



Pen for Drawbar Ø10 incl. Backplate

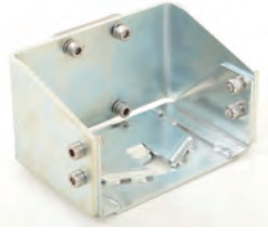
Article number:
H0072



Hook for LKE Platformwagon Type X

Article number:
H0076

Options AGV2500



Hook K-Hartwall dolly
DOS1617/1636 90°

Article number:
H0083



Folding Hook, diameter 16

Article number:
H0128-D16



Folding Hook, diameter 20

Article number:
H0128-D20



Folding Hook, diameter 25

Article number:
H0128-D25



Folding Hook, diameter 27

Article number:
H0128-D27



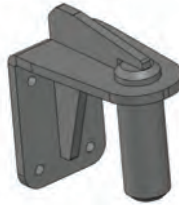
Folding Hook, diameter 32

Article number:
H0128-D32



Folding Hook, diameter 35

Article number:
H0128-D35



Pin drawbar Ø35 complete

Article number:
H0144



Quick connection hook
AGV semiautomatic

With OPTAGV0003 is a half-automatic connection and fully automatic load disconnection possible

Article number:
H5123



Hook disconnection module AGV

Stroke: 100 mm, 50 mm stroke on special request

Article number:
OPTAGV0003



Hook load recognition module AGV

With one or two (depending off the type of mounted hook) inductive sensors

Article number:
OPTAGV0007



Movexx Parking label

Article number:
OPT0245



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