



driven by brain power

Corporate Presentation

2016

# Product Portfolio



# Product groups

## Equipment models by function

### 1. Pedestrian push & pull

a) Push & Pull

b) Lift, Push & Pull

### 2. Platform & Scooter pullers

### 3. Automatic Guided Vehicles



# T1000

Motor : 24V / 300 W  
Battery : 20 or 36 Ah  
Pull force: 800 N  
Trailer : 1,000 Kg



# T1000-Basic

Motor : 24V / 300 W  
Battery : 20 Ah  
Pull force: 800 N  
Trailer : 1,000 Kg



# T1500

Motor : 24V / 600 W  
Battery : 20 or 36 Ah  
Pull force: 1,800 N  
Trailer : 1,500 Kg



# T1000-D

Motor : 24V / 300 W  
Battery : 20 or 36 Ah  
Pull force: 800 N  
Trailer : 1,000 Kg



# T1500-D

Motor : 24V / 600 W  
Battery : 20 or 36 Ah  
Pull force: 1,800 N  
Trailer : 1,500 Kg



# T2500

Motor : 24V / 600 W  
Battery : 75 Ah  
Pull force: 2,200 N  
Trailer : 2,500 Kg



# T2500-PUSH

Motor : 24V / 600 W  
Battery : 75 Ah  
Pull force: 2,200 N  
Trailer : 2,500 Kg



# T3500

Motor : 24V / 600 W  
Battery : 75 Ah  
Pull force: 3,200 N  
Trailer : 3,500 Kg



# T6000

Motor : 24V / 1,100 W  
Battery : 150 Ah  
Pull force: 5,000 N  
Trailer : 6,000 Kg



# T1000-P

Motor : 24V / 300 W  
Battery : 20 or 36 Ah  
Pull force: 1,000 N  
Trailer : 1,000 Kg  
Lift : 650 Kg



# T2500-P

Motor : 24V / 600 W  
Battery : 20 or 36 Ah  
Pull force: 2,750 N  
Trailer : 2,500 Kg  
Lift : 1,500 Kg



# T1000-RZ

Motor : 24V / 300 W  
Battery : 20 or 36 Ah  
Pull force: 1,000 N  
Trailer : 1,000 Kg  
Lift : 650 Kg



# T1500-RZS

Motor : 24V / 600 W  
Battery : 20 or 36 Ah  
Pull force: 1,800 N  
Trailer : 1,500 Kg  
Lift : 900 Kg



# Product groups

## Equipment models by function

### 1. Pedestrian push & pull

a) Push & Pull

b) Lift, Push & Pull

### 2. Platform & Scooter pullers

### 3. Automatic Guided Vehicles



# T1000-Platform

Motor : 24V / 420 W  
Battery : 20 or 36 Ah  
Pull force: 800 N  
Trailer : 1,000 Kg  
Speed : 6.6 km/h



# T2500-Platform

Motor : 24V / 800 W  
Battery : 75 Ah  
Pull force: 2,200 N  
Trailer : 2,500 Kg  
Speed : 8.0 Km/h



# T2500-Scooter

Motor : 24V / 800 W  
Battery : 75 Ah  
Pull force: 2,200 N  
Trailer : 2,500 Kg  
Speed : 8.0 Km/h



# Product groups

## Equipment models by function

### 1. Pedestrian push & pull

a) Push & Pull

b) Lift, Push & Pull

### 2. Platform & Scooter pullers

### 3. Automatic Guided Vehicles



# Automatic Guided Vehicles

## Segmentation by function

### 1. Lifter

- a) Forklift AGV – Serial Vehicle
- b) Forklift AGV – Special Option

### 2. Mover

#### a) Towing vehicle

- b) Pushing vehicle (shooter)

### 3. Carrier

- a) Piggyback
- b) Underride
- c) Assembly
- d) Heavy Load
- e) Mini

### 4. Special

# Automatic Guided Vehicles

## Navigation technology

### 1. Free

- a) Magnetic anchor points (in line)
- b) Magnetic anchor points (in grid)
- c) Laser navigation
- d) GPS navigation

### 2. Fixed

- a) **Optical Track**
- b) Inductive Track
- c) Magnetic Track

# Automatic Guided Vehicles

## Movexx AGV features

- ☐ Towing vehicle → pulling loads on wheels (trolleys, carts)
- ☐ Hook attachment to trolley
- ☐ One-directional travel
- ☐ Optical track (closed loop)
- ☐ Manual start by operator
- ☐ RFID System for control functions:
  - ✓ Speed change and stop
  - ✓ Trolley engagement / disengagement



# AGV1000 – Basic Configuration

Motor : 24V / 300 W  
Battery : 20 or 36 Ah  
Pull force : 800 N  
Trailer : 1,000 Kg  
Speed : 1 Km/h (Basic), 3 Km/h (Ext.)

## Basic Configuration ...

- Safety bumper
- Ultrasonic sensors
- Wired remote handset for manual control

## Options ...

- RFID System
- Safety Scanner
- Etc.



# AGV1000 – with additional options

## Extending functionality ...

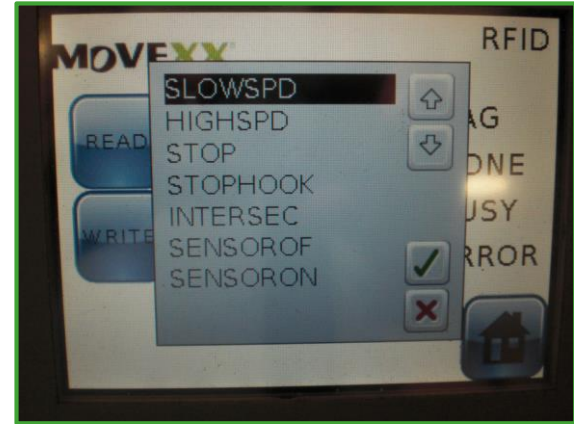
- ☐ RFID System
- ☐ Speed Module (incl. Scanner)
- ☐ Side Safety Module
- ☐ Hook engagement & release module
- ☐ Light system
- ☐ Optical signal tower
- ☐ Bleu Spot LED unit



# AGV1000 – RFID System

## Extending functionality ...

- ☐ RFID reader/writer
- ☐ 5,7 inch touch screen
- ☐ Easy programming RFID-tags



# AGV1000 – Speed Module

## Extending functionality ...

- ☐ Industrial Safety Sensor
- ☐ Maximum speed 3 km/h
- ☐ 190° scanning field
- ☐ 4 different warning fields
- ☐ 4 different safety fields
- ☐ Special steering controller



# AGV1000 – Hook engagement & release

## Extending functionality ...

- ☐ Manual disconnection (switch)
- ☐ Automatic disconnection (RFID-tag)

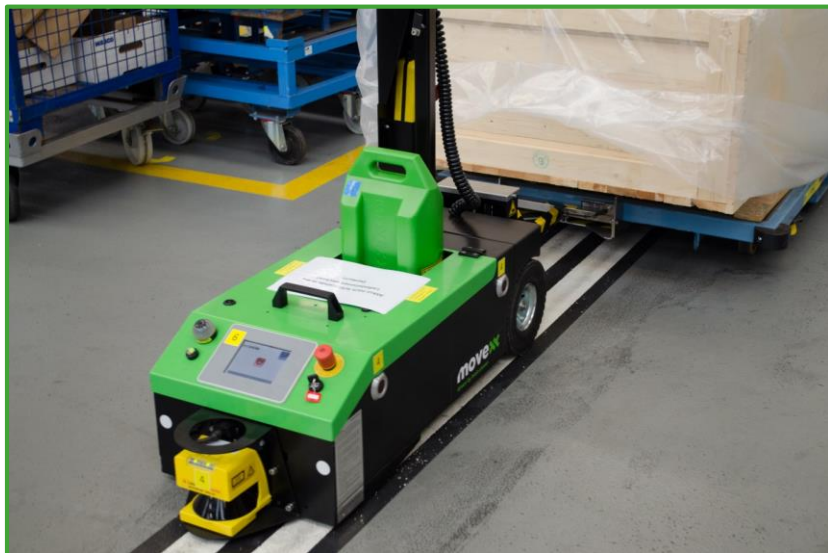


# AGV1000



# AGV1000

In operation ...



# AGV1000

In operation ...



# AGV2500 – Basic Configuration

Motor : 24V / 600 W  
Battery : 75 Ah  
Pull force : 2,200 N  
Trailer : 2,500 Kg  
Speed : 1 Km/h (Basic), 3 Km/h (Ext.)

## Basic Configuration ...

- Safety bumper
- Ultrasonic sensors
- Wired remote handset for manual control

## Options ...

- RFID System
- Safety Scanner
- Etc.

