MAX AGV

AUTOMATED TRANSPORTS

Based in Sweden, MAX AGV is a global company that has been supplying automatic driverless systems for materials transport, worldwide over the last 30 years.

The company provides standard solutions for most type of common actuators e.g. forklift, roller conveyor, chain conveyor, fork spread, side shift, table lift and support legs.

MAX AGV mechanical, electrical and software components are modular and built from well-tested and standardised parts, ensuring quality and robustness. CE compliance certification is issued for each AGV.

MAX AGV vehicles are equipped with safety features, such as speed dependent laser, bumpers front and rear, side protection, load sensors, obstruction sensors, manual override, lights, buzzers and sound.

It makes the AGVs safe, reliable and effective, working closely together with people and infrastructure.

Exclusive partner of
MAX-AGV in Australia
& New Zealand

STATE-OF-THE-ART MAX MANAGEMENT SYSTEM

The MAX Management System optimises logistics, handling everything from transport and warehousing, load tracking, buffering and order swapping to optimal dynamic route selection, location selection, charge control, priorities and dead lock prevention – all shown in real time 3D visualisation.

The system runs on a Microsoft Windows environment, and features a user friendly interface that is easy to learn, configure and use, allowing customers to make changes 'on the fly' in real time application.

The MAX Management System is operational via PC, tablet and smartphone.

SPECIFICATIONS

MAX CONFIGURATION
Standard External Interface
Graphical Configuration
 Editor
Layout Changes in MAX
Offline Test & Simulation
Fully Configurable

MAX CLIENT
Graphic Auto-Updating
 Screens
3D Visualisation
Remote AGV Diagnostics

OPERATING ENVIRONMENT
Windows 10
Windows 2016 / 2019 Server
C# on Microsoft .NET Platform
SQL server / Oracle Database
Unlimited Server Licences
Fully Integrated Windows
 Security
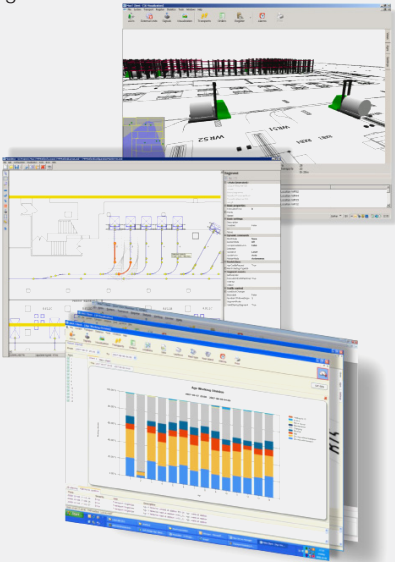
FX FORK LIFT

FX 04 — "Low lifter for narrow spaces"

Dimentions H*L*W:	2050x1650x800mm
Drive capacity:	3 kW
Battery capacity:	Lithium 24V/105Ah
Lifting height:	210mm
Loading capacity:	1000kg

FX 10 — "Smooth & versatile"

Dimentions H*L*W:	2200x2250x880mm
Drive capacity:	1,4 kW
Battery capacity:	48V/225Ah
Lifting height:	4000mm
Loading capacity:	1000kg

FX 15 — "Multi-load from paper rolls to robots"

Dimentions H*L*W:	2200x2575x930mm
Drive capacity:	3 kW
Battery capacity:	48V/360Ah
Lifting height:	6500mm
Loading capacity:	3000kg

FX 20C — "Counterbalance for heavy loads"

Dimentions H*L*W:	2450x2675x1160mm
Drive capacity:	7 kW
Battery capacity:	48V/520Ah
Lifting height:	6000mm
Loading capacity:	2000kg

FX 30 — "Heavy loads on high altitude"

Dimentions H*L*W:	3160x2900x1230mm
Drive capacity:	6 kW
Battery capacity:	48V/545Ah
Lifting height:	7000mm
Loading capacity:	5000kg

FX 40 — "Side loader with great accessibility"

Dimentions H*L*W:	3300x2500x2070mm
Drive capacity:	2 x 3 kW
Battery capacity:	48V/468Ah
Lifting height:	6500mm
Loading capacity:	1500kg

CX CARRIER & CONVERSIONS

CX 01 — "Mini carrier"

Dimentions H*L*W:	400x1270x470mm
Drive capacity:	0,5 kW
Battery capacity:	24V/80Ah
Lifting height:	100mm
Loading capacity:	200kg
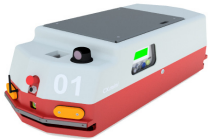
CX 15 — "Easy production transportation"

Dimentions H*L*W:	2350x1600x1380mm
Drive capacity:	1,5 kW
Battery capacity:	48V/240Ah
Lifting height:	1000mm
Loading capacity:	1500kg

CX 30 — "Heavy production lifting"

Dimentions H*L*W:	2050x1650x800mm
Drive capacity:	2 x 1,5 kW
Battery capacity:	48V/320Ah
Lifting height:	1000mm
Loading capacity:	3000kg
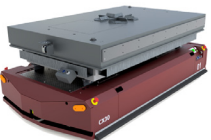
CX 100 — "Maxi carrier"

Dimentions H*L*W:	2350x4966x3230mm
Drive capacity:	2 x 1,5 kW
Battery capacity:	48V/420Ah
Lifting height:	400mm
Loading capacity:	11 500kg

CONVERSION UNICARRIER

Models	Lifting height	Loading capacity
UHD200	11 500mm	2000kg
URS150	10 350mm	1500kg
PSP160	5450mm	1600kg
PMR200	205mm	2000kg

CONVERSION MAGAZINER

Dimentions H*L*W:	4500x3705x1500mm
Drive capacity:	7 kW
Battery capacity:	80V/700Ah
Lifting height:	15 000mm
Loading capacity:	1500kg

Exclusive partner of
MAX-AGV in Australia
& New Zealand

Just a sample of the MAX AGV range!

▪ 30-year track record, distributed Worldwide.

▪ Offering cost effective and flexible materials handling.

▪ Customisable with various navigation – including laser guided vehicles (LGV), contour/range-sensing, magnetic and optical – interfacing, and load handling technologies.

▪ Operated via a stand-alone Windows-based control system, a first of its kind that enables editing control of your embedded AGV System.

▪ Easy to configure and learn.

RA
Robotic Automation

INTEGRATED SOLUTIONS

FOOD & BEVERAGE

We delivered an AGV mobility solution that supported delivery of Arnott's next generation, smart palletising solution.

The solution features 4 tending MAX AGVs, with empty pallet in-feed, and full pallet exchange, and automatic AGV charging stations.

The use of windows based, smart MAX AGVs provides increased flexibility, whilst achieving required productivity rates. In addition, providing maximum floor space utility in an extremely tight access location.

We've found the best in robotic and AGV solutions, so that you don't have to!

Our exclusive partnership with MAX AGV means that you can take advantage of the benefit of technological leadership, single-source equipment supply and integration, and consistency in aftermarket support.

- Supply
- Systems Design
- Systems Integration
- Software Installation
- Service
- Spare Parts

3500+ installations
Experts since 1988

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