

Marco

Marco Lift (Ningbo) Co., Ltd.

SWEDEN DESIGN

Follow the EN1570-1 standard

MARCO LIFT

MARCO | www.marco-apac.com
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MARCO

Marco Lift (Ningbo) Co., Ltd.

Safe Reliable Maintainability

Company Introduction

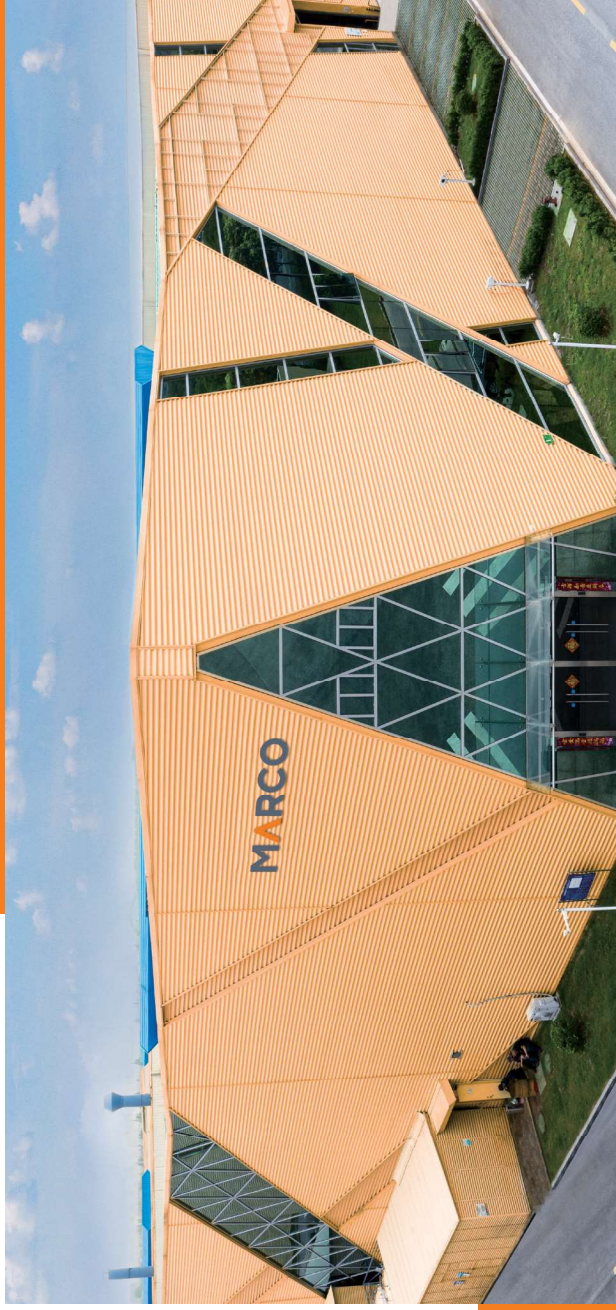
We are the experts in safe and reliable vertical positioning, with over 70 years' experience in designing and manufacturing rugged, high-performance lift tables. As a company focusing on quality and technology, Marco solutions have been successfully applied to warehousing logistics, automotive manufacturing, air transportation, chemical, food, beverage and other industries.

- Global Design Team ○ 7000 square meters manufacturing center
- One-stop solution ○ SGS professional certification
- Customized professional services ○ ISO 9001 certification
- Green environmental protection waterborne paint line



Development History

- **1935** ○ **1999** ○ **2009**
Marco AB was founded in by Sven Marcusson
Marco AB bought Hymo AB, Sweden
Marco Group starts a production plant in Ningbo, China
- **1975** ○ **2006** ○ **2019**
Marco bought Lyft and Transport AB
Marco AB became the majority owner of Marco Sarl France
Marco Asia Pacific established, and set up a factory in Wuxi
- **1987**
Marco BV started in the Netherlands



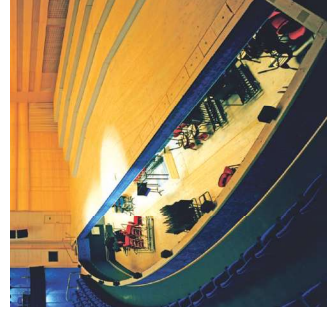
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Since 1935
SWEDEN DESIGN

**MARCO
LIFT**



- Air Cargo express
- Food industry
- Wood Machining
- Storage industry
- Public facilities

- Sheet-metal machining
- Agricultural machinery
- High-speed rail industry
- Automotive Manufacture
- Intelligent Manufacture



MARCO LIFT



With standard design and components, to satisfy the special requirements on hydraulic lift table efficiently and flexibly, make lift table used in various fields widely.



Sweden design, European standard EN-1570-1	Two level control boxes to meet special requirements
Rectangular steel scissor with highest stability	Service hatch on top for power pack maintenance when inside
Bearing with grease nipples, extend using life	Safety props to ensure safety for workers when maintenance
Cylinder with buffering to reduce the impact force when close	Each lift table pass FAT test with overload
Cylinder with rupture valve to stop when hose broken	CE Certification and EC Compliance statement
Aluminum safety frame to reduce entrapment risk at lowering	Standardized component provide quick solutions to special application
Motor with overheat 120°C and protection class IP55	

EN1570-1

European standard Standard components



the basic model of the lift table range

Single scissor lift has one set of single scissor. It is the basic model of the lift table range with multi-purpose range of applications. This kind of lift table are normally used to provide solution on handling difference in levels, such as production aisle, package area, logistic field and private elevator, etc....



Art-Number	Type	Capacity (kg)	Platform (mm)	Max Length (mm)	Max Width (mm)	Lift height (mm)	Own height (mm)	Lift time (s)	Motor (kW)
860000	M0-005050-D1	500	800x600	1000	800	500	180	9	0,75
861001	M1-005090-D1B	500	1350x1000	1700	1500	900	180	20	0,75
860010	M1-010090-D1	1000	1350x800	1600	1300	900	180	20	0,75
860012	M2-010125-D2B	1000	1800x1200	2200	1700	1250	235	30	1,1
860030	M2-020090-D2	2000	1350x800	1600	1300	900	230	26	0,75
860035	M2,5-020125-D2B	2000	2000x1500	2250	2000	1250	250	35	1,1
860041	M3-030130-D2B	3000	2000x1500	2500	2000	1300	300	27	2,2
860048	M3-030200-D2	3000	3000x1200	3200	1700	2000	300	46	2,2
860054	M4-040160-D2	4000	2500x1200	3000	1700	1600	400	37	2,2
860059	M4-040200-D2B	4000	3000x1500	3450	2000	2000	400	33	4,6
860065	M4-050160-D2B	5000	2500x1500	3000	2000	1600	400	50	2,2
860068	M4-050200-D2	5000	3000x1200	3400	1700	2000	400	33	4,6
860071	M4-080160-D2	6000	2500x1200	2950	1700	1600	400	50	2,2
860080	M5-080150-D2	8000	3000x2000	3450	2300	1500	600	32	4,6
860090	M5-100150-D4	10000	3000x2000	3450	2300	1500	600	46	4,6

Custom solutions can be provided according to the special requirements

High Lift Table



EN1570-1

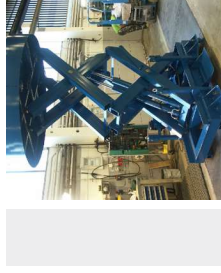
European standard - Standard components

+

Multiple set of vertically

High lift table is designed with multiple set of vertically mounted scissors to achieve higher stroke with shorter platform length. Usually installed in space is limited, lifting height is higher.

Most high lift table are used for Goods Elevator, Pallet tracker, disable elevator. Considering the safety and stability on structure, Marco high lift table has Max. 4 layers as 4H on model description.



Art-Number	Type	Capacity (kg)	Platform (mm)	Max Length (mm)	Max Width (mm)	Lift height (mm)	Own height (mm)	Lift time (s)	Motor (kW)
860105	M2-005180-D12H	500	1350x1000	1700	1200	1800	350	19	1.1
860102	M2-005320-D22H	500	2250x1000	2600	1500	3200	400	40	2.2
860115	M2-010250-D22H	1000	1800x1000	2150	1500	2500	350	32	2.2
860118	M3-010320-D22H	1000	2250x1000	2600	1500	3200	500	47	2.2
860180	M2-010330-D23H	1000	1650x1200	1950	1700	3300	530	38	2.2
860111	M2-015180-D22H	1500	1350x1000	1600	1500	1800	400	22	2.2
860120	M3-020200-D22H	2000	1500x1000	1900	1500	2000	500	28	2.2
860190	M3-020350-D23H	2000	2250x1200	2600	1700	3800	800	42	4.6
860125	M3-020430-D22H	2000	3000x1200	3300	1700	4300	650	44	4.6
860126	M3.5-025320-D22H	2500	2500x1200	2800	1800	3200	530	40	4.6
860130	M4-030300-D22H	3000	2500x1300	2900	1800	3000	700	34	4.6
860140	M4-040300-D22H	4000	2500x1500	2900	2000	3000	700	46	4.6
860141	M5-040500-D2/3H	4000	3000x2000	3300	2500	5000	1500	67	24x6
860142	M5-050400-D2/2H	5000	3500x2000	3700	2500	4000	900	47	24x6
860143	M6-080500-D2/2H	6000	4000x2500	4300	2800	5000	1100	73	24x6

Custom solutions can be provided according to the special requirements

EN1570-1

European standard - Standard components

+

Multiple sets of scissors

Twin scissor lift is designed with two scissors to lift one longer platform at the same time to achieve platform length and load capacity. This type of lift table can also lift a longer platform with multiple sets of scissors and the lifting is required synchronously. Twin scissor lift is mainly used to deal with ultra-longer or heavier duty goods, such as automotive manufacture, wood machining, packing machinery, metallurgical industry, High speed railway etc...



Art-Number	Type	Capacity (kg)	Platform (mm)	Max Length (mm)	Max Width (mm)	Lift height (mm)	Own height (mm)	Lift time (s)	Motor (kW)
860211	M1-010090-D22L	1000	2750x1000	4500	1500	900	230	18	1.1
860220	M2-020125-D4/2L	2000	3650x1000	5600	1500	1250	260	30	2.2
860215	M2-020160-D4/2L	2000	4550x1500	6000	2000	1600	300	30	2.2
860217	M3-020200-D4/2LB	2000	6000x2000	7500	2200	2000	300	45	4.6
860219	M2-030125-D4/2L	3000	3650x1000	4500	1500	1250	260	30	2.2
860221	M2.5-030125-D4/2L	3000	4050x1200	6000	1700	1250	260	34	2.2
860222	M3-030200-D4/2L	3000	6000x1500	7500	2000	2000	300	45	4.6
860226	M3-040130-D4/2L	4000	4050x1200	6200	1700	1300	340	27	4.6
860228	M3-040160-D4/2LB	4000	4550x2000	6800	2500	1600	340	33	4.6
860229	M3-040200-D4/2L	4000	6000x1500	7500	2000	2000	340	45	4.6
860234	M3.5-050160-D4/2L	5000	4550x1200	6500	1700	1600	340	33	4.6
860237	M3.5-050200-D4/2L	5000	6000x1500	6500	2000	2000	340	57	4.6
860239	M3.5-060110-D4/2L	6000	3650x1200	5000	1500	1100	340	22	4.6
860242	M3.5-060160-D2LB	6000	4550x2000	6000	2500	1600	340	42	4.6
860243	M4-060200-D4/2L	6000	6050x1500	7800	2000	2000	400	66	4.6

Custom solutions can be provided according to the special requirements

Loading Dock Lift

EN1570-1

European standard Standard components

+ Used on loading / unloading areas

Loading dock lift table is specially designed to withstand the point loads, when the vehicles cross the lift table, it is mainly used on loading / unloading areas, such as warehouse, loading bay. It can be used for outdoor.

Different from other type of lift table, Loading dock table has standard factors as below:

Tear platform, oil filled minus side on cylinder, reinforced top frame, service hatch on top for power pack maintenance, Lifting pin on base frame, two paint process with thickness 120um.



Art.Number	Type	Capacity (kg)	Platform (mm)	Max Length (mm)	Max Width (mm)	Lift height (mm)	Lift time (s)	Motor (kW)	
860315	M3-020130-D2K	2000	2000x1500	2300	1950	1300	305	27	2.2
860322	M3-020160-D2K	2000	2500x2000	2800	2350	1600	305	33	2.2
860326	M3-020160-D2K	2000	3000x2400	3000	2500	1600	305	37	2.2
860330	M3-030130-D2K	3000	2000x2000	2300	2350	1300	305	27	2.2
860331	M3-030160-D2K	3000	2500x1500	2800	1950	1600	305	33	2.2
860334	M3.5-030160-D2K	3000	3000x2000	3000	2350	1600	305	37	2.2
860339	M3.5-040130-D2K	4000	2000x1500	2300	1950	1300	305	27	2.2
860342	M4-040160-D2K	4000	2500x2000	3000	2350	1600	450	26	4.6
860344	M4-040160-D2K	4000	3000x2000	3000	2350	1600	450	25	4.6
860348	M4-060130-D2K	6000	2250x2000	2500	2350	1300	450	26	4.6
860353	M4.5-060160-D2K	6000	2500x2400	3000	2500	1600	450	32	4.6
860350	M4.5-060160-D2K	6000	3000x2000	3000	2350	1600	450	32	4.6
860363	M5-080160-D2K	8000	3000x2000	3000	2200	1600	600	33	4.6
860366	M5-100160-D2K	10000	3000x2400	3000	2500	1600	650	48	4.6

Custom solutions can be provided according to the special requirements

Car Lift table

EN1570-1

European standard Standard components

+ Special reinforced structure

Car lift table is different from other types of Marco lift. The top platform is equipped with special reinforced structure to achieve the point load. Marco car lift is mainly used in 4S shop, car showing room, carpark underground in private house etc... The installation and operation of Car lift table is required professional training.



Art.Number	Type	Capacity (kg)	Platform (mm)	Lift height (mm)	Own height (mm)	Lift time (s)	Motor (kW)
860400	M4-020350-D2	2000	5000x2500	3500	450	45	4.6
860401	M5-025400-D2	2500	6000x2500	4000	650	68	4.6
860403	M6-025500-D2	2500	7500x2500	5000	750	98	2x4.6
860407	M6-035350-D2	3500	5000x2500	3500	750	51	2x4.6
860408	M6-035400-D2	3500	6000x2500	4000	750	58	2x4.6

Custom solutions can be provided according to the special requirements

Low-profile lift table

EN1570-1

European standard Standard components

+ Independent standing operating platform

Marco Low-profile lift table adopts fat iron as the structure of scissors arm. The lowest own height is 80mm. It is an economical material processing equipment and can be fixed directly to the ground. Widely used in production line, logistics sorting system and independent standing operating platform outside the production line, to create a human-friendly working environment for workers.

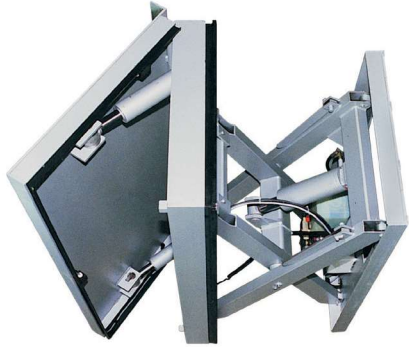
There are three types based on top shapes while platform, U shape and E shape. The max load capacity is 1000KG.



Art.Number	Type	Capacity (kg)	Platform (mm)	Max Length (mm)	Max Width (mm)	Opening size (mm)	Lift height (mm)	Own height (mm)	Lift time (s)	Motor (kW)
860608	ML-010080-D2	1000	1350x1050	1500	1200	1200	800	80	20	0.75
860610	MLU-010080-D2	1000	1350x1050	1500	1200	600	800	80	20	0.75
860614	MLE-010080-D2	1000	1350x1050	1500	1200	600	800	200	20	0.75

Custom solutions can be provided according to the special requirements

Tilt table

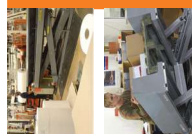


EN1570-1

European standard Standardized components

+ Can be tilted up

Tilt table can be tilted up along the mounting surface on top platform within angle range 0°-90°. The tilt platform can be stop at any angle in range 0°-90° and angles 30°, 45° and 90° are used commonly in application. Tilt platform is driven by cylinder and power pack and can be combined with lifting function. Its main function is to put the goods on the most suitable position in case and convenient to operate for workers, reduce labor intensity. It is mainly used in material sorting and packaging system. It can make material handling with ergonomics.



Custom solutions can be provided according to the special requirements

Turntable Table



EN1570-1

European standard Standardized components

+ With one rotatable top

Turntable table have one rotatable top fixed on one lift table. The rotatable top can turn in one or two (right/left) directions operated by manual or driven by reducer. It is mainly used in manufacture or maintenance process with special working condition to provide one solution solve the difference level problem.



Custom solutions can be provided according to the special requirements

Container Tilters

EN1570-1

European standard Standardized components

+ Portable Container Tilters

Reach Portable Tilters have casters that allow them to pick up staged containers and move them to the work cell. Baskets can be tilted up to 85 degrees to allow easy access to parts. Reach Portable Container Tilters feature 12 Volt DC power and a built-in charger (AC power is available). Choose a Fork-Over design (PTU model container tilter) for containers with open bottoms or Straddle design (SPTU model container tilter) for containers with reinforcing bars or closed bottoms.



Type	Capacity (kg)	Platform Width (mm)	Platform Length (mm)
PTU-2	900	1016	610

Custom solutions can be provided according to the special requirements

Spring Pallet Positioner

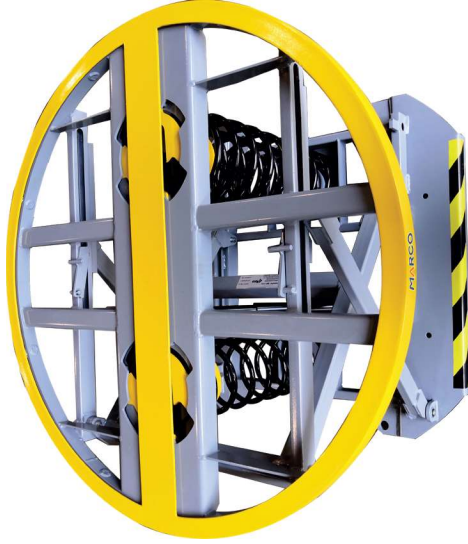
EN1570-1

European standard Standardized components

Makes loading and unloading pallets faster, safer and easier

The PalletPal 300™ Spring Pallet Positioner / Level Loader is the original, automatic, self-leveling, spring pallet leveler that makes loading and unloading pallets faster, safer and easier. This simple, automatic load leveler uses a system of springs and shock absorbers to lower and raise loads as boxes are added or removed from pallets. A turntable top allows nearside loading and unloading. No power or air supply is required.

The fully automatic mechanical spring structure is maintenance-free, safer, more stable and more reliable. The 360° Spring PalletPal provides a comfortable working height for workers and greatly improves the working efficiency.



Art.Number	Model	Capacity (kg)	Diameter (mm)	Max height (mm)	Min height (mm)	Weight (kg)
PL02004701	360° SPP	500-2000	ø1108	705	241	190.5

Custom solutions can be provided according to the special requirements

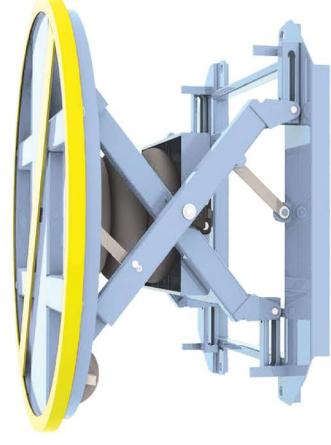
Airbag Level Loader

EN1570-1

European standard Standardized components

Pneumatic pallet leveler

The Air Level Loader is a pneumatic pallet leveler that makes loading and unloading pallets faster, safer and easier. A heavy duty airbag automatically lowers or raises the platform as boxes are added to or removed from pallets. A turntable allows nearside loading and unloading. The unique design offers workers complete 360 degree access to loads.



Type	Capacity (kg)	Platform (mm)	Own height (mm)	Lift height (mm)	Raised Height (mm)	Weight (kg)
APP/TM2-O-7	200-2000	ø1108	241	464	705	168

Custom solutions can be provided according to the special requirements

Pallet Disc

EN1570-1

European standard Standardized components

Works from the near side

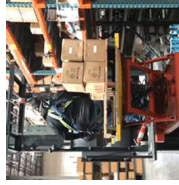
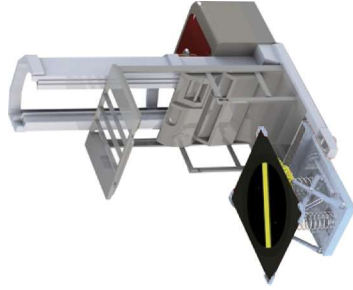
This low profile turntable / floor height turntable is less than 245mm high and can be loaded by a hand pallet truck. By rotating the load the operator always works from the near side without having to walk around the load. The risk of injury from reaching and stretching or walking around the pallet with a heavy load is virtually eliminated.



Type	Capacity (kg)	Height (mm)	Wheel diameter (mm)	Overall diameter (mm)	Weight (kg)
Pallet Disc	2000	20	1100	1235	100

Custom solutions can be provided according to the special requirements

The PalletPal OP

**EN1570-1**

European standard Standardized components

+ With calibrated spring mechanism

The PalletPal OP uses a calibrated spring mechanism to keep loads at a comfortable, easy-to-access height. It automatically lowers its boxes are added to keep the pallet in the loading position throughout the process. The

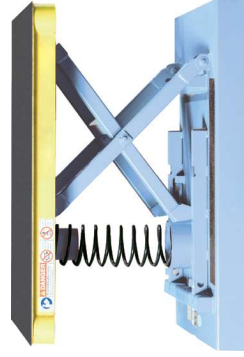
PalletPal OP's platform has a special non-skid surface and welded corner clips to keep loads squarely in position. A built-in turntable with anti-friction bearings allows operators to spin the load so that they never have to reach across the pallet.

The PalletPal OP mounts quickly and easily to any brand of order picking lift.

Type	Capacity (kg)	Lift height (mm)	Min height (mm)	Max height (mm)	Platform (mm)	Base (mm)
PalletPalOP	900	443	320	763	1270x1118	1203x1016

Custom solutions can be provided according to the special requirements

The PalletPal Walkie

**EN1570-1**

European standard Standardized components

+ Automatic spring actuated level loader

The PalletPal Walkie is an automatic spring actuated level loader that works in tandem with your existing covered walkie or rider pallet trucks. The PalletPal Walkie works with all standard electric walkie and walkie/riders.

A worker simply drives the pallet truck into the PalletPal's built-in fork channels. An empty pallet is positioned on the skid resistant platform. The worker does the same job he has always done except the platform is at a comfortable height which can be loaded easily with no bending or stretching.

Type	Capacity (kg)	Lift height (mm)	Min height (mm)	Max height (mm)	Platform (mm)	Base (mm)
PalletPalWalkie	1100	543	249	792	1143x965	1168x849

Custom solutions can be provided according to the special requirements

Dandy Lift

EN1570-1

European standard Standardized components

+ Greatly reduce the labor intensity

Dandy lift make any job easier. Dandy Lift portable scissor lift carts are essential anywhere that lifting, positioning, assembling, unstacking, transporting or the need for an adjustable light work surface is part of the job.

Dandy Lift carts feature ergonomically shaped handles with comfort grip padding. The scissor lift mechanism is actuated by a simple manual foot pump. Dandy lift greatly reduce the labor intensity of workers and improve work efficiency.



ArtNumber	Type	Capacity (kg)	Platform (mm)	Max height (mm)	Min height (mm)
FL00205201	L150	150	700 × 400	590	220
FL00305701	L250	250	800 × 500	610	245
FL00506300	A500	500	910 × 600	630	300

Custom solutions can be provided according to the special requirements

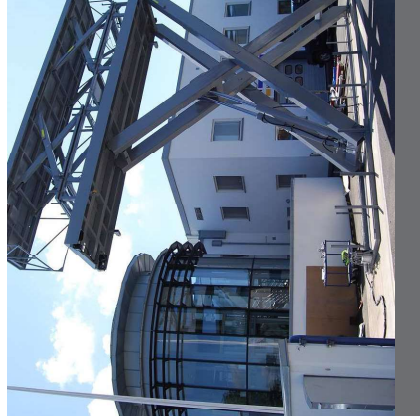


Custom Solutions

Custom solutions are used in special industry, such as automotive, high-speed railway, metallurgy, paper industry, air cargo, dock bay, warehouse.



We provide the professional solution to solve the different level condition with special production or material handling environment.



Our lift table can create a safe, efficient, and ergonomic working environment. We provide customized solutions for customers to meet the differentiated needs of customers in different industries.





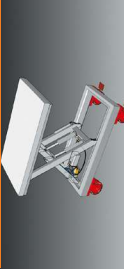
Accessories

Pallet Base Frame



With forklift Pallet structure to make lift platform move easier on site.

Mobile Base Frame



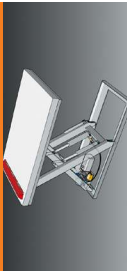
It consists of two directional wheels and two universal wheels with lock, to move the lift table on the ground.

Flange wheel base frame



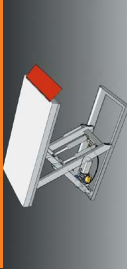
It consists of four flange wheels on both sides, to realize directional walking on the ground track. This equipment can be supplied with or without powered drive unit.

Roll-of guard



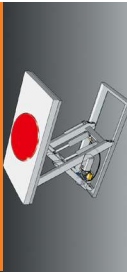
Installed at one side of the lift table. It can prevent the goods with wheels from rolling off from one side of the platform. There are fixed and automatic flipping

Load Flap



Standard length is 400mm, can be customized as required. For bridging the gap between the loading dock table and vehicle.

Recessed circular turntable

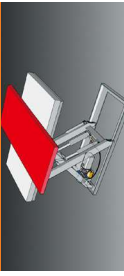


Fixed to the top platform center, The cargo can be rotated about 360 degrees on the platform. Manual rotation and Automatic rotation



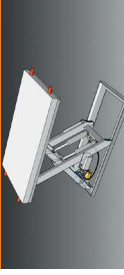
Accessories

Rectangular turntable



Fixed to the top of the platform, the rectangular turntable can be rotated about 360 degree. Manual rotation and Automatic rotation

Mechanical shotbolts



Fixed to the front and rear sides of the platform or left and right sides of the platform, to lock the table in a fixed position when the platform is in the low position or in the high position.

Tilt table



The tilt table will be installed on the platform, tilt angle 0-90 degrees, with safety frame, it is more convenient for workers to sort goods.

Safety gate



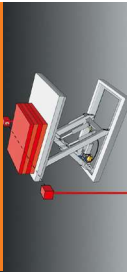
Standard height is 1100mm, with 150mm high toe kick-plate, standard screw fixation, to realize the safety protection of the goods in the operation of the lift table.

Safety side barrier rails



Standard height is 1100mm, with 150mm high toe kick-plate, standard screw fixation, to realize the safety protection of the goods in the operation of the lift table.

Photocell control



Install on the left and right sides of the platform, the position of the platform can be identified at any time

Roller conveyor



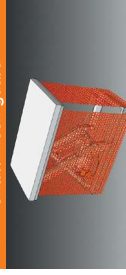
Fixed to the top platform to realize the direct translation of the goods to the docking conveyor line. Manual and Automatic.

Bellow



Protects the table from dust, dirt and debris in exposed environments, to prevent items and people from entering the inside of the platform

Chain mesh guard



Can be installed on any side to prevent items and people from entering the inside of the platform

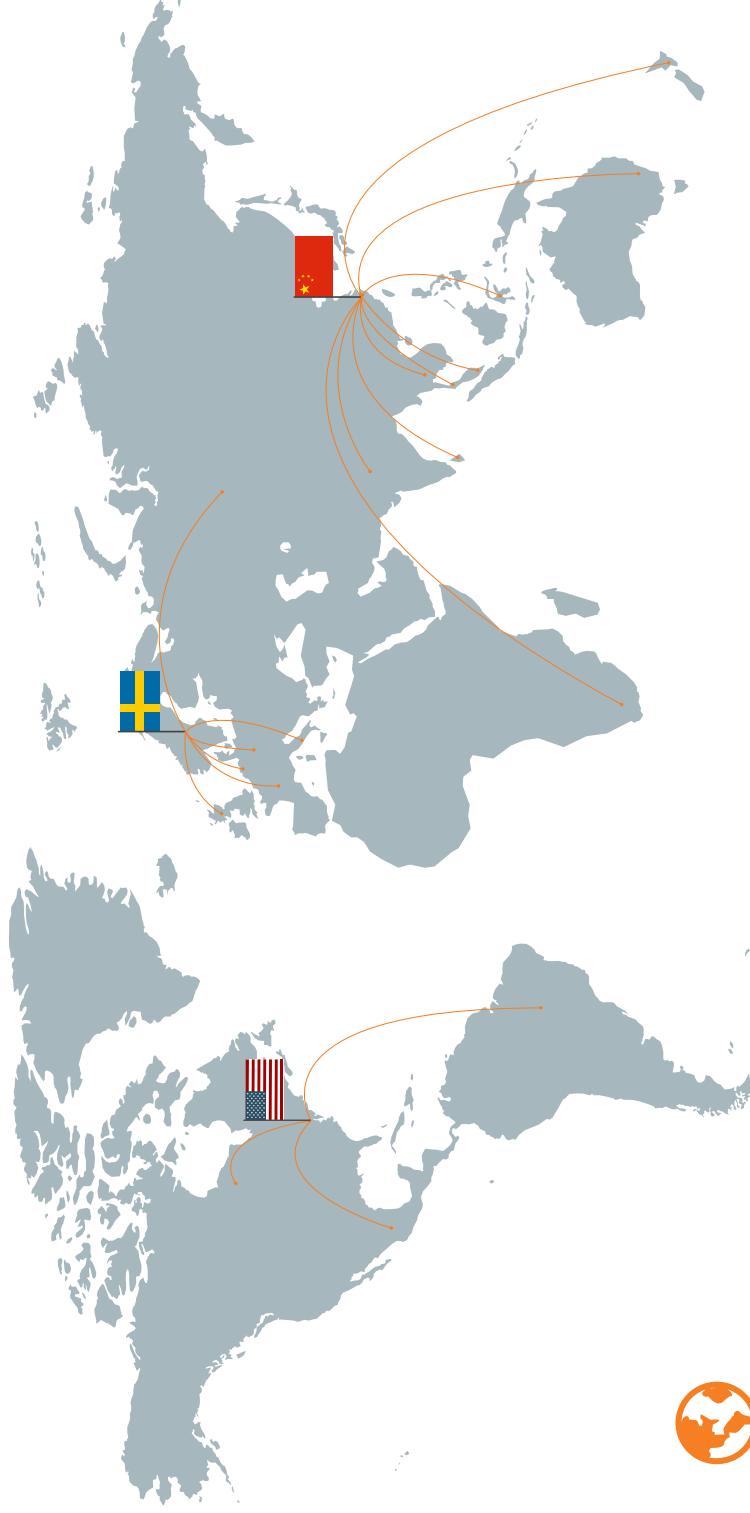


Marco can also provide a series of standard accessories, to meet the special needs of different application sites!



All Over World

Main Customer



+

Global

Europe	Sweden, Britain, France, Germany, Netherlands, Russia, Italy
Asia	China, Japan, Korea, Singapore, India, Thailand, Indonesia, Malaysia
Africa	South Africa
America	United States, Canada, Mexico, Brazil
Oceania	Australia, New Zealand

