

**HYMO**

# OPTIMA

– for efficient handling



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# Hymo Optima – Complete range of flexible lift tables for efficient handling of materials and goods. Lifting capacity up to 2000 kg.

Hymo Optima is used to overcome level differences in the flow of goods. Hymo Optima is perfectly placed within materials handling, production, storage and distribution environments.

Hymo Optima products facilitate ergonomic handling of packed and unpacked goods minimising physical strain on the operator.

Hymo Optima products bear the CE mark and meet lift table standards in accordance with EN 1570. The

hydraulic power unit complies with EN 982 and electrical system EN 60204. The motor has protection class IP55, control system and other electrical components IP65.

Adjustments of control system and electrical components are possible on demand.

MXE

## Handling with loading pallets

Hymo MXE eliminates level differences between floor level and working position.

MX

## Positioning

Hymo AX positions goods in an automatic handling process and at work stations for quality control.

MXT

UXM

## Tool changing

Hymo TXC eliminates heavy lifting and increases operator safety during tool changing.

AX

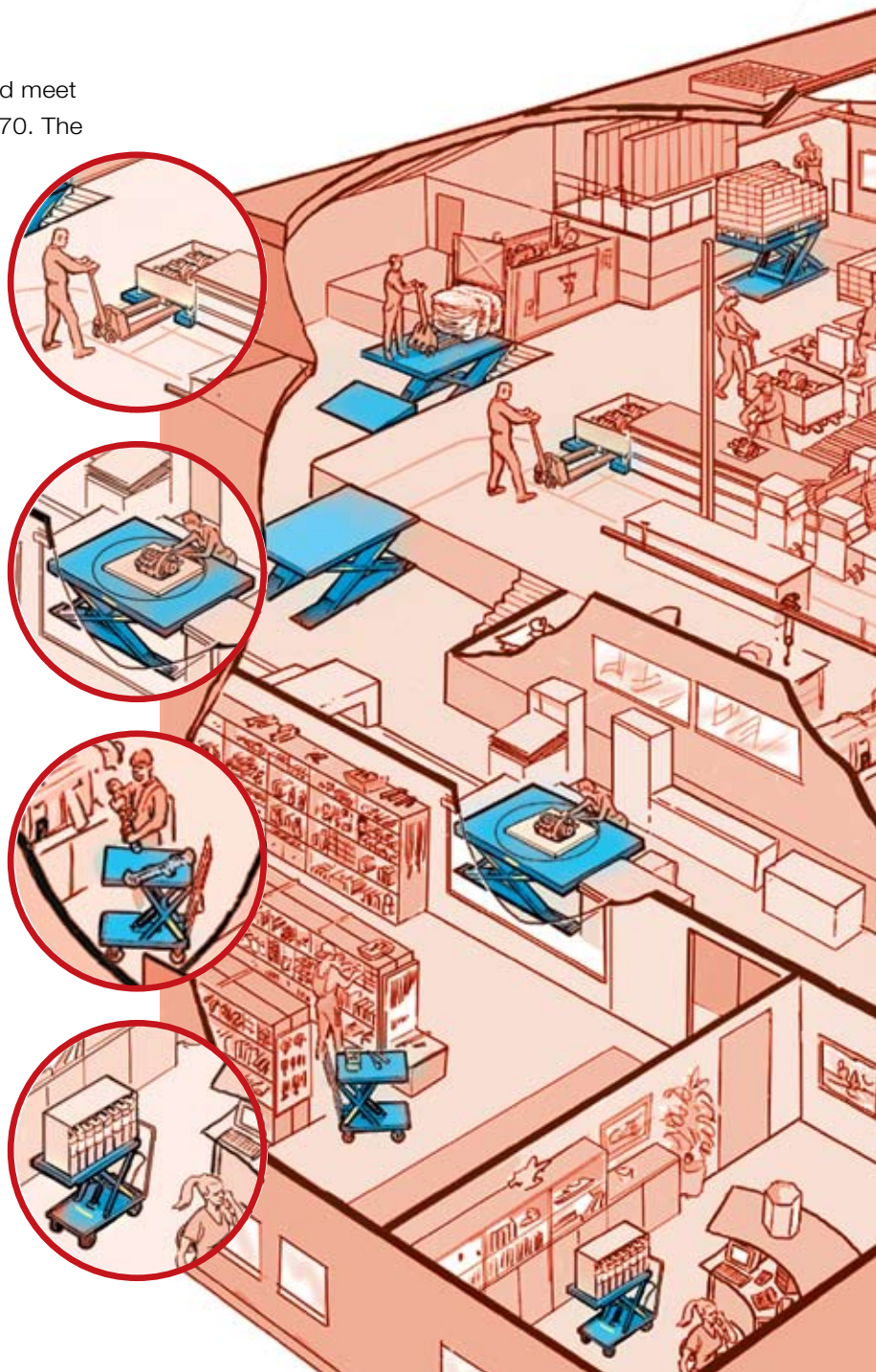
AXX

## Mobile lift table

Hymo TXC has several functions such as transport trolley, stacking table, assembly bench, packing station and many more.

EAX

TXC



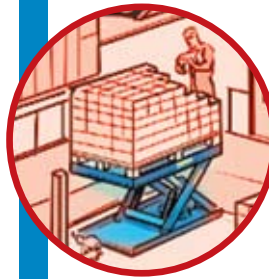
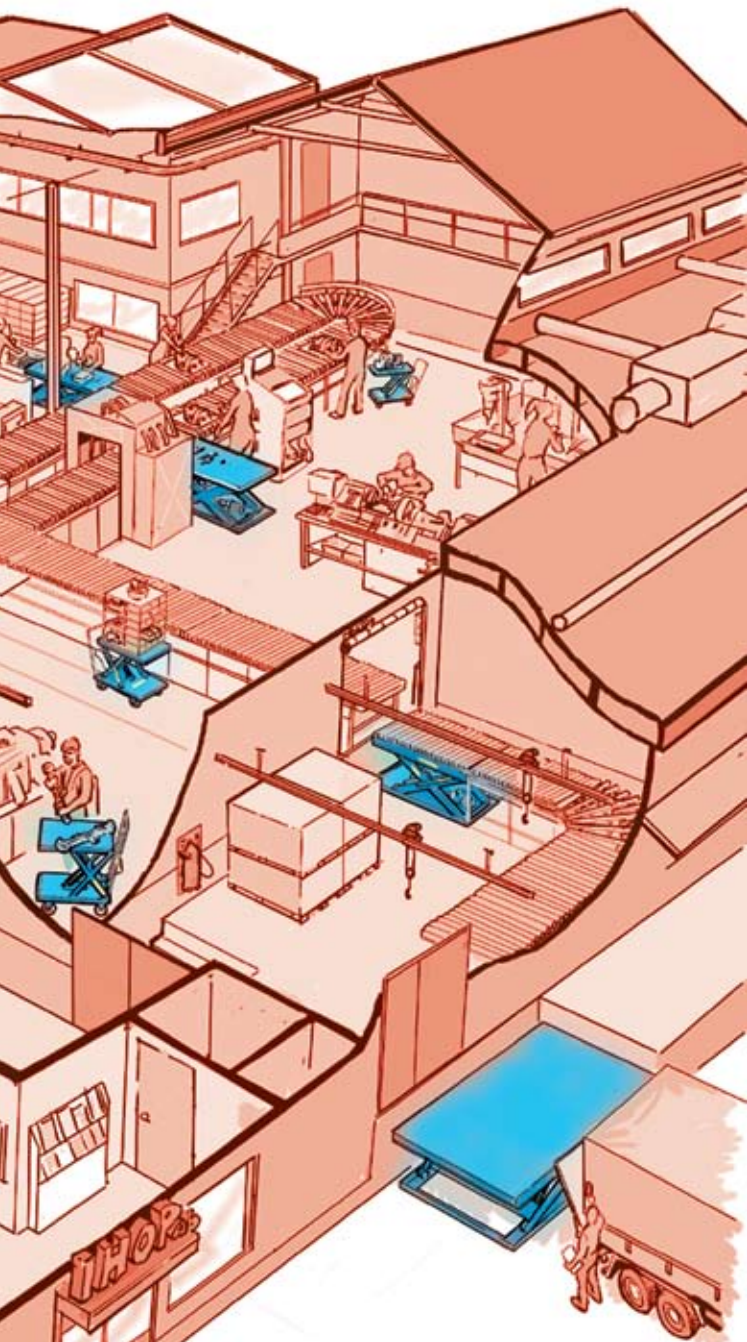


**The Hymo Optima program consists of:**

- low-profile MXE and MX page 4-5
- long goods tables MXT page 6-7
- pallet handling tables with roller conveyor UXM page 6-7
- all-round tables AX and AXX page 8-9
- low-price alternative EAX page 8-9
- mobile TXC-trolleys page 10
- accessories page 13

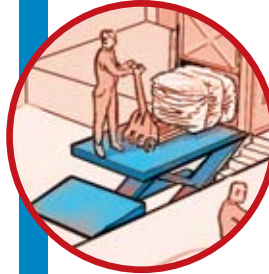
*In the technical description the basic standard is given.  
Customised equipment is possible to a great extend.*

*We reserve the right to alter specification without prior notice.*



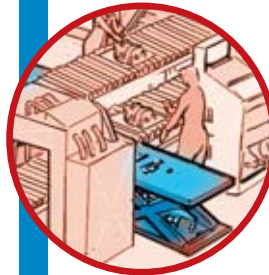
**Level differences**

Hymo AX eliminates level differences between different floors.



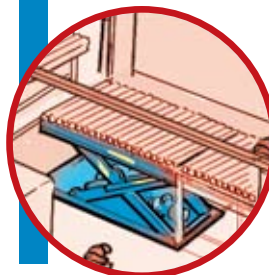
**Level difference at loading/unloading**

Hymo MX, equipped with a ramp, bridges level differences for loading/unloading operations.



**Production aid**

Hymo AX provides an ergonomic working environment in assembly processes.



**Level differences in production systems**

Hymo AX bridges level differences in production and logistics systems.

**Hymo AB**

Hymo has developed and manufactured lift tables for more than 50 years giving Hymo a wealth of experience and a competitive edge in today's market.

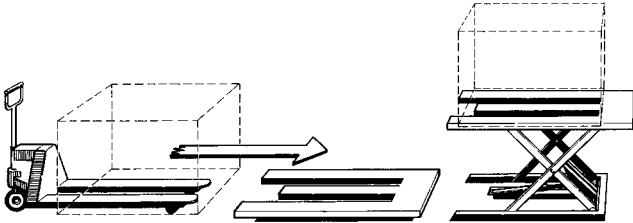
The function and the precision of the products are being utilised on assembly lines and in automated production processes in all types on industry.

To meet the customers' demand of high quality and safety, all lift tables are tested before delivery. When the Hymo product has customised equipment, it is also tested in the right environment.

Hymo AB is one of the leading distributors of lift tables in Europe with head office and production in Åby Sweden and subsidiaries in England, France, Germany and Holland. Distributors in Europe, Russia, Australia, Hongkong and Singapore.

## Hymo lift table MX

Hymo MX has a lifting capacity up to 2000 kg and a stroke of 800 mm. Hymo MX has a rectangular platform and can be loaded with the aid of a ramp (option). The MX-table can be placed directly on the floor or in a shallow pit.



## Hymo lift table MXE

Hymo MXE has a lifting capacity up to 2000 kg and a stroke of 800 mm. The E-shape platform and the very low closed height make MXE an unrivalled choice for handling palletised goods. The arms of the “E” support the pallet.

Hymo MXE can be loaded by hand pallet truck. The low closed height means the MXE-table can be sited directly on the floor – no pit is needed. It can quickly and easily be moved to a new location when required. This lift is for use with ‘open ended’ pallets.



## Hymo lift table MX and MXE

Hymo MX and MXE are perfect for production and storage environments, where the correct positioning and working height is required by the operator. Hymo MX and MXE are competitively priced.





# Hymo lift table MX



Single-scissors

TYPE	MX5-8/6	MX5-8/8	MX5-8/10	MX10-8/6-SS	MX10-8/8-SS	MX10-8/10-SS
LIFTING CAPACITY, Kg	500	500	500	800	800	800
LIFT TRAVEL, mm	800	800	800	800	800	800
CLOSED HEIGHT, mm	80	80	80	80	80	80
PLATFORM LENGTH, mm	1350	1350	1350	1350	1350	1350
PLATFORM WIDTH, mm	600	800	1050	600	800	1050
LIFTING TIME, s	19	19	19	19	19	19
MOTOR POWER, kW	0.48	0.48	0.48	0.72	0.72	0.72
WEIGHT, kg	175	190	210	185	200	220

TYPE	MX10-8/6	MX10-8/8	MX10-8/10	MX20-8/8	MX20-8/12
LIFTING CAPACITY, Kg	1000	1000	1000	2000	2000
LIFT TRAVEL, mm	800	800	800	800	800
CLOSED HEIGHT, mm	80	80	80	100	100
PLATFORM LENGTH, mm	1350	1350	1350	1400	1400
PLATFORM WIDTH, mm	600	800	1050	800	1200
LIFTING TIME, s	19	19	19	30	30
MOTOR POWER, kW	0.72	0.72	0.72	0.72	0.72
WEIGHT, kg	185	200	220	265	305



### Stainless steel

Lift tables with "SS" at the end are made in stainless steel. Stainless steel cylinders are available as an option.

Hymo MX has a separate power unit.

In the technical description the basic standard is given. Further customisation of the lift tables is possible due to an extensive range of options.

### Hydraulaggregat MX/MXE

Length 706 mm  
Width 265 mm  
Height 300 mm



# Hymo lift table MXE



Single-scissors

TYPE	MX5-8E	MX10-8E-SS	MX10-8E	MX20-8E
LIFTING CAPACITY, Kg	500	800	1000	2000
LIFT TRAVEL, mm	800	800	800	800
CLOSED HEIGHT, mm	80	80	80	100
PLATFORM LENGTH, mm	1350	1350	1350	1400
PLATFORM WIDTH, mm	1050	1050	1050	1200
LIFTING TIME, s	19	19	19	19
MOTOR POWER, kW	0.48	0.72	0.72	0.72
WEIGHT, kg	190	200	200	300

### Stainless steel

Lift tables with "SS" at the end are made in stainless steel. Stainless steel cylinders are available as an option.

Hymo MX has a separate power unit.

In the technical description the basic standard is given. Further customisation of the lift tables is possible due to an extensive range of options.



## Hymo lift table MXT

Hymo MXT has a lifting capacity up to 3000 kg and a stroke of 800 mm. Hymo MXT has an extra long lifting platform which is facilitated up by two horizontally placed scissor packages. Hymo MXT is designed for the handling of long goods and materials. Hymo MXT has a low closed height and

can be equipped with a ramp (option equipment), placed directly on the floor or in a shallow pit. Hymo MXT is designed to handle materials within a production and storage environment. The operator can always achieve an ergonomic working position.



## Hymo lift table UXM

Hymo UXM has a lifting capacity up to 1600 kg and a stroke of 800 mm. Hymo UXM has two sections of driven conveyor integrated into the platform.

Hymo UXM is designed for handling pallets in conveying and stocking systems. Hymo UXM16-8/8 is designed to take a standard pallet size 800 x 1200 mm.

Hymo UXM16-8/10 is designed for pallet size 1000 x 1200 mm. The UXM can be loaded easily by forklift truck, stacker or pallet truck and makes the handling and transferral of goods within a conveyor or stocking system a simple and smooth operation. Hymo UXM is placed directly on the floor – no pit is required.



## Hymo lift table MXT



Horizontal double-scissors

TYPE	MXT12-8/6	MXT12-8/8	MXT12-8/11	MXT15-8/6	MXT15-8/8	MXT15-8/11	MXT30-8/8	MXT30-8/10	MXT30-8/12
LIFTING CAPACITY, Kg	1200	1200	1200	1500	1500	1500	3000	3000	3000
LIFT TRAVEL, mm	800	800	800	800	800	800	800	800	800
CLOSED HEIGHT, mm	90	90	90	90	90	90	130	130	130
PLATFORM LENGTH, mm	2700	2700	2700	2700	2700	2700	2800	2800	2800
PLATFORM WIDTH, mm	650	850	1100	650	850	1100	900	1100	1300
LIFTING TIME, s	19	19	19	19	19	19	19	19	19
MOTOR POWER, kW	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
WEIGHT, kg	400	450	500	400	450	500	612	649	684

Hymo MXT has a separate power unit.

In the technical description the basic standard is given. Further customisation of the lift tables is possible due to an extensive range of options.

## Hymo lift table UXM



Single-scissors

TYPE	UXM16-8/8	UXM16-8/10
LIFTING CAPACITY, Kg	1600	1600
LIFT TRAVEL, mm	800	800
PALLET SIZE, mm	800 X 1200	1000 X 1200
CLOSED HEIGHT OVER ROLLERS, mm	85	85
TOTAL CLOSED HEIGHT, mm	440*)	440*)
PALLET OPENING WIDTH, mm	850	1050
TOTAL WIDTH AT MOTOR, mm	1630	1830
WIDTH BETWEEN ROLLERS, mm	600	600
TOTAL LENGTH, mm	1530	1530
ROLLER DIAMETER, mm	60	60
ROLLER PARTITION, mm	200**)	200**)
TRANSPORT SPEED, m/min	12	12
MOTOR POWER CONVEYOR, kW	0,55	0,55
LIFTING TIME, s	15	15
MOTOR POWER LIFT TABLE, kW	1,4 kW	1,4 kW
WEIGHT, kg	580	610

\*) at hydraulic drive 208 mm.

\*\*)) roller partition 100 mm as option.

Lift table UXM16-8 has a straight vertical movement. This facilitates incorporation into conveyor and logistics systems.

Hymo UXM has a separate power unit.

In the technical description the basic standard is given. Further customisation of the lift tables is possible due to an extensive range of options.





## Hymo lift table AX

Hymo AX is available with lifting capacities up to 2000 kg and a stroke of 800 mm. Hymo AX equipped with fork entry base frame (optional accessory) becomes a flexible solution when the movement of the lift between sites, without the load, is required. Hymo AX is an ideal choice.

Hymo AX is a perfect solution to overcome level differences in assembly, storage handling and packing applications. Hymo AX provides the operator with an ergonomic working position.



## Hymo lift table AXX

Hymo AXX is a standard model available with a lifting capacity of 400 kg and a stroke of 800 mm. Hymo AXX has a vertically mounted double scissors package. Hymo AXX is ideal for handling with "half-size" pallets (800 x 600 mm).



## Hymo lift table EAX

Hymo EAX is available with lifting capacities 1000 and 2000 kg and a stroke of 800 mm. Hymo EAX is suited to many applications where an ergonomic working height is important. Hymo EAX is available only as a standard model and not designed for customisation which is reflected in the economical pricing of the EAX range.





## Hymo lift table AX



Single-scissors

TYPE	AX5-8/6T	AX5-8/6	AX10-8/6T	AX10-8/6	AX10-8/8T
LIFTING CAPACITY, Kg	500	500	1000	1000	1000
LIFT TRAVEL, mm	800	800	800	800	800
CLOSED HEIGHT, mm	200	200	200	200	200
PLATFORM LENGTH, mm	1200	1200	1200	1200	1200
PLATFORM WIDTH, mm	600	600	600	600	800
LIFTING TIME, s	19	32	19	32	19
MOTOR POWER, kW	0,72	0,55	0,72	0,55	0,72
WEIGHT, kg	160	160	160	160	170

TYPE	AX20-8/6T	AX20-8/8T
LIFTING CAPACITY, Kg	2000	2000
LIFT TRAVEL, mm	800	800
CLOSED HEIGHT, mm	220	220
PLATFORM LENGTH, mm	1350	1350
PLATFORM WIDTH, mm	800	800
LIFTING TIME, s	25	25
MOTOR POWER, kW	1,43	1,43
WEIGHT, kg	200	210

Hymo AX and AXX are available with larger platforms.

### Electric Power Supply:

Lift tables with a "T" at the end have a 3-phase motor. Otherwise it is a single-phase motor.



## Hymo lift table AXX



Vertical double-scissors

TYPE	AXX4-8/6T	AXX4-8/6
LIFTING CAPACITY, Kg	400	400
LIFT TRAVEL, mm	800	800
CLOSED HEIGHT, mm	200	200
PLATFORM LENGTH, mm	800	800
PLATFORM WIDTH, mm	600	600
LIFTING TIME, s	19	32
MOTOR POWER, kW	0,72	0,55
WEIGHT, kg	120	120

### Electric Power Supply:

Lift tables with a "T" at the end have a 3-phase motor. Otherwise it is a single-phase motor.



## Hymo lift table EAX



Single-scissors

TYPE	EAX10-8/6	EAX20-8/6
LIFTING CAPACITY, Kg	1000	2000
LIFT TRAVEL, mm	800	800
CLOSED HEIGHT, mm	200	220
PLATFORM LENGTH, mm	1200	1350
PLATFORM WIDTH, mm	800	800
LIFTING TIME, s	19	25
MOTOR POWER, kW	0,72	1,43
WEIGHT, kg	160	210



# Hymo mobile lift table/lift trolley TXC

Hymo TXC is an all-in-one load transporter and worktable. A mobile lift table, which can be used for the transportation and handling of goods or simply as a workbench for assembly, stacking or machine feeding operations.

The TXC lift trolley needs no power supply. The lifting movement is activated with a foot pedal and the lowering with a hand control, allowing the operator to select the most ergonomic working position.

Hymo TXC has a lifting capacity of 150, 300, 350 and 500 kg.



## Hymo lift table TXC

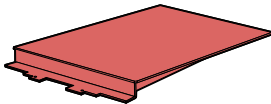
TYPE	TXC 1,5-7	TXC 3-8	TXC 3,5-13	TXC 5-8
LIFTING CAPACITY, Kg	150	300	350	500
LIFT TRAVEL, mm	500	585	945	585
PLATFORM LENGTH, mm	700	850	910	850
PLATFORM WIDTH, mm	450	500	500	500
MINIMUM HEIGHT, mm	220	295	355	295
HANDLE HEIGHT, mm	950	990	975	990
WEIGHT, kg	45	77	105	81



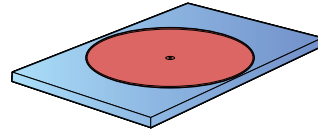
# Accessories OPTIMA

The Hymo Optima range has an extensive selection of standard models. In addition to this there is a comprehensive range of accessories, which enable the tables to be customised to suit customers' needs.

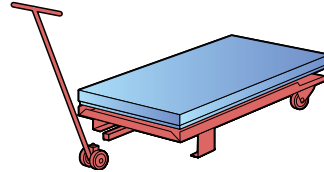
Here are some examples on accessories.



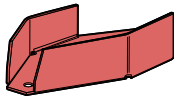
**Ramp**  
Makes loading/unloading with pallet truck easier. No pit required.



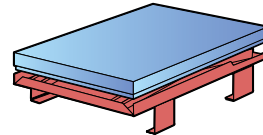
**Turntable**  
Increases accessibility. When loading or unloading pallets by hand, the load can be rotated to give the most convenient working position.



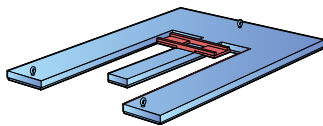
**Mobile base with detachable handle**  
Makes it simple to move the table, between locations, without the load.



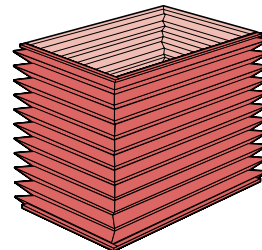
**Fork entry guide**  
Simplifies the positioning of a pallet truck into the Hymo MX-E platform.



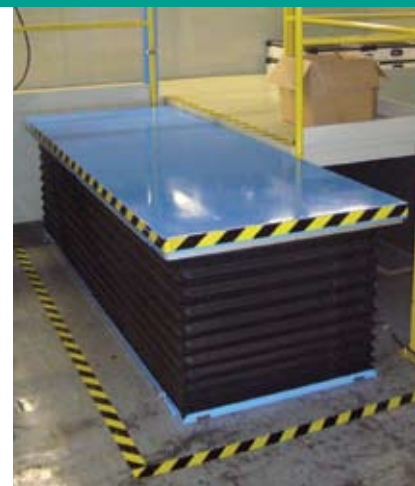
**Fork entry base frame**  
Facilitates easy transportation of the table, without the load, using a pallet truck or fork truck.



**Transport clamp**  
Provides a simple method to move the Hymo MX-E table between work-sites using a pallet truck.



**Collapsible bellows guard**  
Encloses the scissor package and is effective in protecting against dust and dirt which reduces wear.



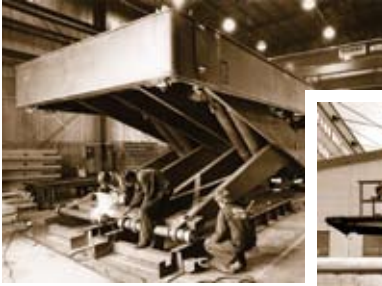


# Quality and high performance

Hymo delivers a high performance and quality product in every standard and customised solution. This is backed up by the fact that customers constantly come back again and again and recommend Hymo to their customers. In collaboration with the customer, Hymo designs the right solution to meet the current handling problem, then delivers equipment which fulfils that demand.



# Market – subsidiaries – distributors – concern



## 2006 –

The Hymo concern continues to take market shares on standard products and customisation. The catalogue sales are increasing and Hymo products are introduced in around 30 catalogues in Europe.

## 1956 – 1977

The first agreement with export distributors is established in 1961. The subsidiaries are mainly selling companies. Hymo Lift Ltd in England is established in 1967. After 1994 the company name is Hymo Limited. In the early seventies there is some production at Hymo in England. Hymo S.A. in France is established in 1976.

## 1978 – 1991

The subsidiary Hymo GmbH is established in 1988. Hymo S.A. in France moves from Paris to Lyon in 1991.



## Development – future

The companies within the Hymo concern are developing by wisdom and global experience. Hymo's experience and capacity as adviser regarding applications is often decisive for the efficiency of the customer's total material

## 1992 – 2000

At the subsidiaries the sales is mainly concentrated on standard and tailored standard products. Apart from the standard products with customisation, the mother company has a great amount of catalogue sales.

The main companies are Manutan in France, Logistep in Finland and Gigant (Luna) in Sweden. In 1997 the product range is divided in Optima and Maxima.

## 2000 – 2006

Hymo AB is now a subsidiary in the Marco Group AB. This concern membership has a positive effect at purchase, enlargement of the product range as well as profit.

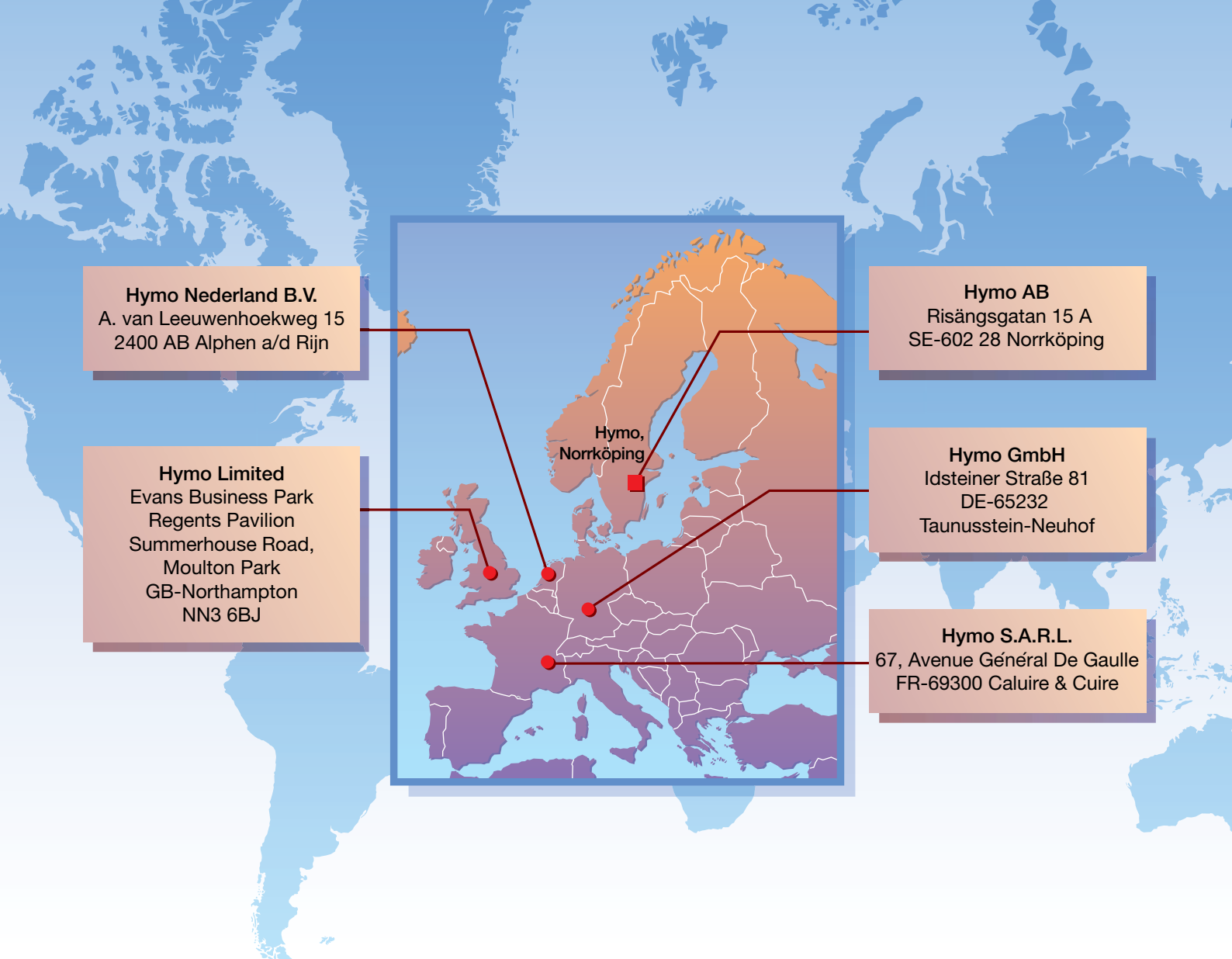
handling and logistics operations. Hymo stands for **Support – Quality – Delivery certainty**. From the beginning more than 50 years ago, Hymo has developed to a standard creator within the product Lifting Tables. **100 000 units** are delivered around the world since 1956.



Hymo's product development aims on a wider range of application and increased safety to satisfy the high demands from the market.

**Hymo – always on the right level**





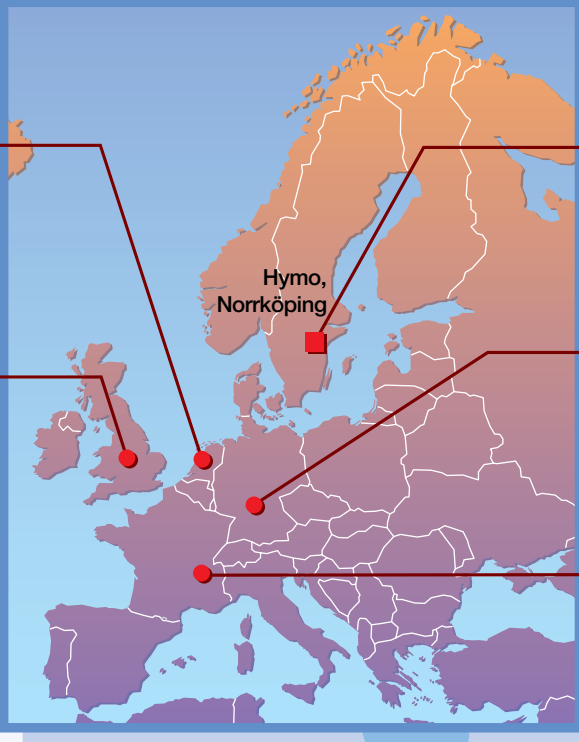
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# Hymo Lift Tables – taking the load