

Produktkatalog



JEMA LIFT A/S



JEMA A/S is a privately held, family-owned company situated in Sahl, a town in the middle of Denmark.

The company is owned and run by the Pedersen family; the founder Jens Pedersen, his son Axel Pedersen and the third generation brothers Jens-Peter and Michael Pedersen. With more than 40 years experience,

JEMA is one of the leading manufacturers of lifting tables in Europe.

Products of JEMA are either sold directly to our many customers in Denmark or to customers in Europe via agents and collaborators in each individual country. The products have won international recognition in

quality, design and user-friendliness. They are tested and endorsed with a test certificate before dispatch.

Besides the extensive programme of standard versions in painted, galvanized and stainless designs, all products of JEMA can be delivered tailored to the needs of the individual customer.



1. The lifting tables are designed in a 3D drawing programme which makes the construction phase very flexible and enables each product to be tailored to the individual needs of the customer. 2+3. Sheet metal work is realized on high-technological CNC machines. These machines are compatible with the drawing programme resulting in a reduction of the delivery time from the construction to the customer. 4+5. Batch produced parts are robot welded while order produced parts and products made to specification are welded by skilled employees. 6. Bushes and wheels are produced in machine shops.

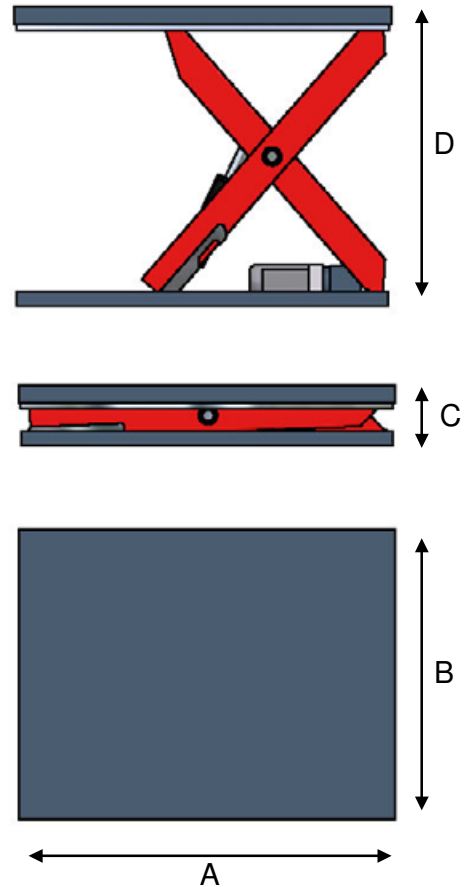
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Single scissor

Type	Capacity	Length A mm	Width B mm	Lift stroke mm	Closed height C mm	Total height D mm	Power kW	Weight kg	Lift sec
TM-S-	kg								
900650T0,5	500	900	650	550	160	710	0,37	100	8
900650T1	1000	900	650	550	160	710	0,37	115	16
900900T1	1000	900	900	550	160	710	0,37	125	16
1300650T1	1000	1300	650	820	180	1000	0,75	165	18
1300800T1	1000	1300	800	820	180	1000	0,75	175	18
13001000T1	1000	1300	1000	820	180	1000	0,75	190	18
1300800T2	2000	1300	800	800	210	1010	0,75	230	22
13001000T2	2000	1300	1000	800	210	1010	0,75	245	22
13001000T3	3000	1300	1000	800	240	1040	2,2	330	18
1500800T1	1000	1500	800	1000	210	1210	0,75	235	22
15001000T1	1000	1500	1000	1000	210	1210	0,75	245	22
1500800T2	2000	1500	800	1000	210	1210	0,75	260	25
1700900T1,5	1500	1700	900	1100	230	1330	0,75	305	22
17001200T1,5	1500	1700	1200	1100	230	1330	0,75	350	22
1700900T3	3000	1700	900	1100	250	1350	2,2	405	22
17001200T3	3000	1700	1200	1100	250	1350	2,2	425	22
2000900T1	1000	2000	900	1400	250	1650	0,75	450	35
20001200T1	1000	2000	1200	1400	250	1650	0,75	495	35
2000900T2	2000	2000	900	1400	250	1650	2,2	485	35
20001200T2	2000	2000	1200	1400	250	1650	2,2	530	35
20001500T2	2000	2000	1500	1400	250	1650	2,2	540	35
20002000T2	2000	2000	2000	1400	250	1650	2,2	600	35
20001500T4	4000	2000	1500	1300	300	1650	3,0	890	54
20002000T4	4000	2000	2000	1300	300	1650	3,0	950	54
22001200T2	2000	2200	1200	1500	250	1750	2,2	570	35
22001500T2	2000	2200	1500	1500	250	1750	2,2	615	35
22001200T4	4000	2200	1200	1500	350	1850	3,0	875	54
22001500T4	4000	2200	1500	1500	350	1850	3,0	935	54
2500800T1,5	1500	2500	800	1650	300	1950	1,1	415	35
25001200T1,5	1500	2500	1200	1650	300	1950	1,1	485	35
25001000T3	3000	2500	1000	1600	350	1950	2,2	645	35
25001500T3	3000	2500	1500	1600	350	1950	2,2	865	35
25002000T3	3000	2500	2000	1600	350	1950	2,2	985	35
25001200T6	6000	2500	1200	1500	450	1950	4,0	1285	50
30001200T3	3000	3000	1200	2000	350	2350	2,2	1280	45
30001500T3	3000	3000	1500	2000	350	2350	2,2	1550	45
30001500T6	6000	3000	1500	2000	400	2400	4,0	1950	70
30002000T8	8000	3000	2000	1500	600	2100	4,0	2490	70
40001500T3	3000	4000	1500	2300	500	2800	4,0	2330	60
40002000T6	6000	4000	2000	2300	600	2900	4,0	2950	80



Accessories:

Galvanized control panel

Photocell automatic

Handrail

Electronic height stop

Pallet truck frame

Turntable

Mobile bottom frame

Roller conveyor

+ Much more

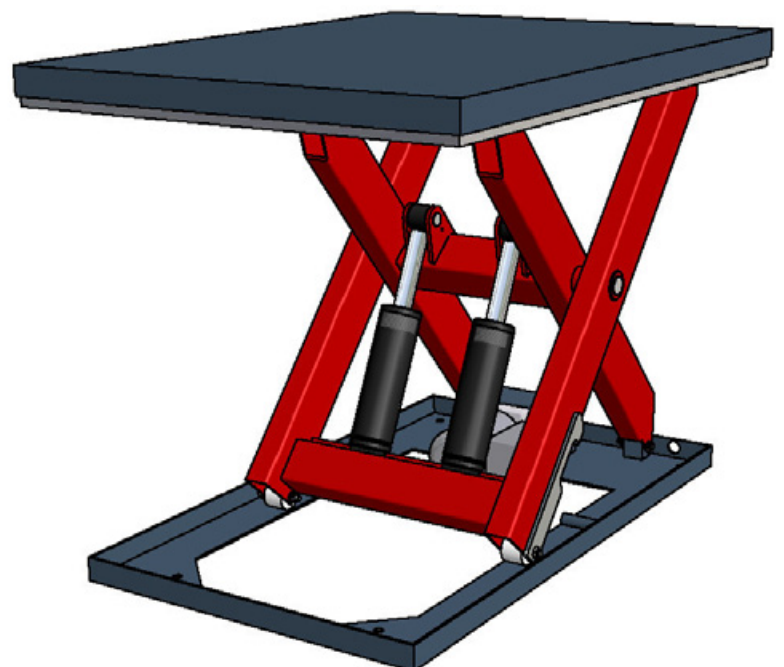


The JEMA single scissor lifting table is well-known in many European work-places. The use of the table covers a wide range of applications. Placement can be both indoor and outdoor, directly on the floor or installed in a pit. With a travel from 550 to 2300 mm and platform lengths of the platform from 900 to 4000 mm, the JEMA single scissor lifting table fulfils most tasks.

The lifting table is available in a number of standard models with varying capacity, travel and size of platform. Furthermore it is also possible to produce specially made models designed in accordance with the needs of the customer. All lifting tables of JEMA are modularly constructed with high-quality components from the most approved hydraulic and electrical suppliers. The steel constructions are made by our own staff of good skilled employees who takes pride in producing the best lifting tables possible. The brand JEMA is your guarantee for a stable and reliable lifting table.

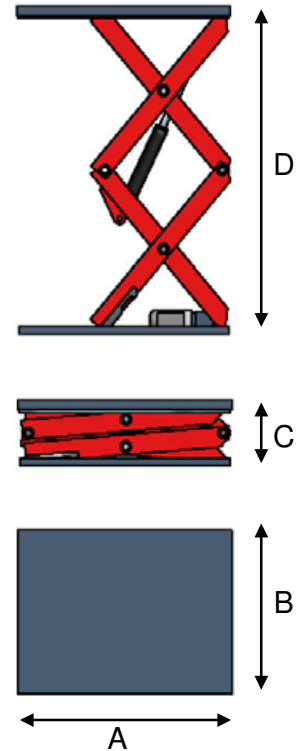
JEMA single scissor lifting tables

- Immediate delivery of selected models
- Lacquered, galvanized or stainless design
- X-model for intensive use
- Specially made models
- Grease nipples in all the lifting tables
- CE marked quality with guarantee



Vertical double scissor

Type	Capacity	Length A mm	Width B mm	Lift stroke mm	Closed height C mm	Total height D mm	Power kW	Weight kg	Lift sec
TM-S-DVS	kg								
900650T0,5	500	900	650	1100	270	1370	0,37	160	18
1300800T1	1000	1300	800	1600	360	1960	0,75	350	30
13001000T1	1000	1300	1000	1600	360	1960	0,75	365	30
1300800T2	2000	1300	800	1600	400	2000	2,2	415	32
13001000T2	2000	1300	1000	1600	400	2000	2,2	450	32
1500800T1	1000	1500	800	1800	400	2200	0,75	480	30
15001200T1	1000	1500	1200	1800	400	2200	0,75	510	30
1500800T2	2000	1500	800	1800	400	2200	2,2	530	28
15001200T2	2000	1500	1200	1800	400	2200	2,2	545	28
1700900T1	1000	1700	900	2150	400	2550	0,75	560	34
1700900T3	3000	1700	900	2150	500	2650	2,2	685	48
20001200T1	1000	2000	1200	2800	400	3200	2,2	680	40
20001200T2	2000	2000	1200	2800	400	3200	3,0	705	62
22001200T1,5	1500	2200	1200	3000	450	3450	2,2	1235	50
25001300T3	3000	2500	1300	3000	600	3600	3,0	1650	65
30001500T3	3000	3000	1500	4000	650	4650	2,2	2790	90
40001500T3	3000	4000	1500	4600	900	5500	4,0	4100	120



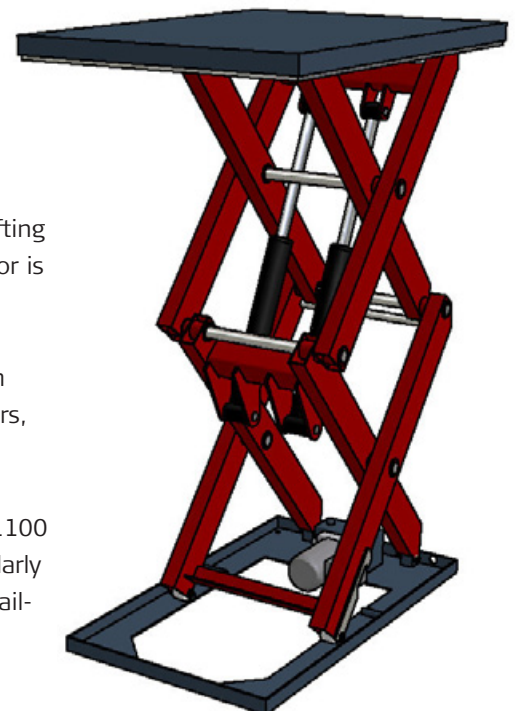
JEMA double vertical scissor lifting tables

- Lacquered, galvanized or stainless design
- X-model for intensive use
- Specially made models
- Grease nipples in all bushings
- Adjustable lowering velocity

In situations requiring large vertical movement, the use of JEMA double vertical scissor lifting tables is recommended. Choosing the double scissor, the vertical movement of the scissor is doubled compared to that of single scissor models.

These lifting tables are like all JEMA lifts produced with arms of profile steel making them laterally stable, this being very important because often they are used either in palletizers, as working platforms or as freight elevators installed in a shaft.

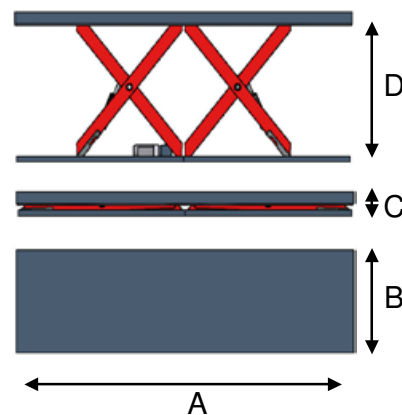
The JEMA double vertical scissor programme consists of lifting tables with a travel from 1100 to 4600 mm and a lifting capacity from 500 to 3000 kg. All JEMA lifting tables are modularly constructed and if the standard programme is insufficient, specially made models are available.



Horizontal double scissor



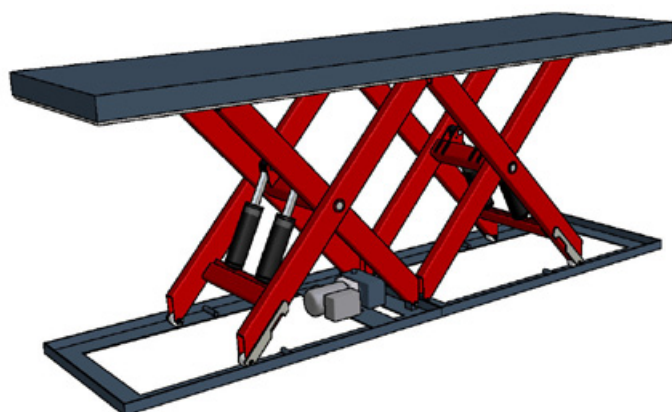
Type	Capacity	Length A	Width B	Lift stroke	Closed height C	Total height D	Power	Weight	Lift
TM-S-DHS	kg	mm	mm	mm	mm	mm	kW	kg	sec
1800650T1	1000	1800	650	550	160	710	0,37	230	16
2600800T2	2000	2600	800	820	180	1000	0,75	350	36
26001000T2	2000	2600	1000	820	180	1000	0,75	380	36
2600800T4	4000	2600	800	800	210	1010	0,75	460	44
26001000T4	4000	2600	1000	800	210	1010	0,75	490	44
26001000T6	6000	2600	1000	800	240	1040	2,2	660	36
3400900T3	3000	3400	900	1100	230	1330	0,75	610	44
3400900T6	6000	3400	900	1100	250	1350	2,2	810	44
4000900T2	2000	4000	900	1400	250	1650	0,75	900	70
4000900T4	4000	4000	900	1400	250	1650	2,2	970	70
40001500T8	8000	4000	1500	1300	300	1600	3,0	1780	108
44001200T4	4000	4400	1200	1500	250	1750	2,2	1140	70
44001500T8	8000	4400	1500	1500	350	1850	3,0	1870	108
5000800T3	3000	5000	800	1650	300	1950	1,1	830	70
50001000T6	6000	5000	1000	1600	350	1950	2,2	1290	70
50001200T12	12000	5000	1200	1600	450	2050	4,0	2570	100
60001200T6	6000	6000	1200	2000	350	2350	2,2	2300	90
60001500T12	12000	6000	1500	2000	400	2400	4,0	3350	140
60002000T16	16000	6000	2000	1500	600	2100	4,0	4300	140
80001500T6	6000	8000	1500	2300	500	2800	4,0	3980	120
80002000T12	12000	8000	2000	2300	600	2900	4,0	5150	160



Where there is a need for handling of very long and heavy loads the use of a JEMA double horizontal scissor lifting table is recommended. The two scissors lift in a synchronous movement and give the long table top a great stability in all heights. The JEMA double horizontal scissor programme consists of lifting tables with a travel from 550 to 2300 mm and a lifting capacity up to 16000 kg.

JEMA double horizontal scissor

- Lacquered, galvanized or stainless design
- Specially made models
- Grease nipples in all bushings
- Safety trip bar on all sides



Low profile & passenger table

Type TM-S-	Capacity kg	Length mm	Width mm	Lift stroke mm	Closed height mm	Total height mm	Power kW	Weight kg	Lift sec
Low profile, incl. ramp									
L1500800T1	1000	1500	800	800	80	880	0,75	295	12
L15001000T1	1000	1500	1000	800	80	880	0,75	310	12
L1500800T2	2000	1500	800	700	100	800	1,10	325	16
L15001000T2	2000	1500	1000	700	100	800	1,10	365	16
Low profile, U-shape									
U13501085T1	1000	1350	1085	800	80	880	0,75	265	12
U15001200T2	2000	1500	1200	700	100	800	1,10	365	16



By using a super low lifting table, it is no longer necessary to install the lifting table into a pit. The low height of the lifting table means that the load can be placed directly with a pallet lifter, either via the enclosed approach ramp or by driving between the forks of the table (U-table).

The U-table is constructed in a way that most pallet lifters can drive between the forks of the table and the U-shape of the table top perfectly matches standard EUR pallets.



Type TM-S-P	Capacity kg	Length mm	Width mm	Lift stroke mm	Closed height mm	Total height mm	Power kW	Weight kg	Lift sec
Passenger table									
1200800T0,16	160	1200	800	320	80	400	0,37	130	8
12001000T0,16	160	1200	1000	320	80	400	0,37	150	8
2400800T0,24	240	2400	800	320	80	400	0,37	260	16
24001000T0,24	240	2400	1000	320	80	400	0,37	300	16
3600800T0,36	360	3600	800	320	80	400	0,37	390	24
36001000T0,36	360	3600	1000	320	80	400	0,37	450	24



The passenger table from JEMA ensures that employees (of all sizes) are at the correct working height. Where lifting tables traditionally are used for adjusting a machine or load height, the passenger table gives a further alternative to achieving the correct working height.

The passenger table is for instance used in semi-automatic systems or systems where the operator watches over, packs or takes care of goods. Because of the low construction height (80 mm), the passenger table can be placed directly on the floor this allowing ergonomically correct working heights for everybody, without rebuilding the existing system.

Stainless steel tables



Stainless lifting tables are especially suitable for the food- and pharmaceutical industry where heavy demands on cleanliness and hygiene are made. Stainless lifting tables are corrosion resistant and stand up to the strict wash down procedures associated with these industries.

JEMA is able to deliver many of the models in a stainless design and meets in that way the growing need to relieve heavy lifts and to phase out bad working positions.

The steel construction is made at our own factory in a specially established stainless department. The brand JEMA is your guarantee for a stable and reliable lifting table which, with a minimal of maintenance, will pay for itself for many years.



Types of cylinders:

Type 1 Hard chrome plated piston rod. Piston tube with painted surface.

Type 2 Piston rod and cross-tube in stainless steel AISI 304. Sandblasted piston tube to SA 1.5, zink metallised to 20 μ , 2 x 2 component priming to 60 μ and 2 x 2 component polyurethane lacquer.

Type 3 Stainless and hard chrome plated piston rod, cross-tube and piston tube in stainless steel.

Platform, base frame and scissor arms:

Made in stainless steel AISI 304.

Axles and bolts:

Made in stainless steel AISI 303.

Fittings and tubes:

Standard electro-galvanized.

Wheels: Stainless/nylon.

Pump station and control:

In case of wet conditions, separate placement is recommended.



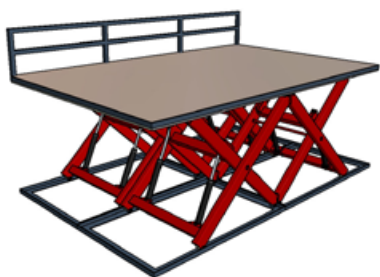
Loading dock tables

JEMA loading dock tables are used for height adjustments between fixed levels in a building or as loading ramp for trucks. As these lifts are often placed outdoors, they are produced especially to be able to resist a changing (and at times hard) climate.

The loading dock tables are available with following accessories depending on the application:

- Hot-dipped galvanized finish.
- Non-skid diamond pattern tread plate.
- For greater stability in the closed position, mechanically adjustable bottom stop in all 4 corners.
- Manhole in the table top.
- Manual emergency lowering function in case of power failure.
- Wire mesh along one or more sides.
- Handrail.
- Roll-off barrier.
- Roll off guard.
- Adjustable height stop.
- Electrically interlocked gate or drop bar.

The loading dock tables are as standard, powerful enough to resist heavy point loads, e.g. from a pallet lifter.



Type TM-S-R	Capacity kg	Length mm	Width mm	Lift stroke mm	Closed height mm	Total height mm	Power kW	Weight kg	Lift sec
200020001	1000	2000	2000	1400	250	1650	0,75	565	35
20002000T2	2000	2000	2000	1400	250	1650	2,2	600	35
200020004	4000	2000	2000	1300	300	1600	3,0	950	54
22002000T2	2000	2200	2000	1500	250	1750	2,2	660	35
22002000T4	4000	2200	2000	1500	350	1850	3,0	975	54
25002000T1,5	1500	2500	2000	1650	300	1950	1,1	565	35
25002000T3	3000	2500	2000	1600	350	1950	2,2	985	35
25002000T6	6000	2500	2000	1500	450	1950	4,0	1450	50
30002000T3	3000	3000	2000	2000	350	2350	2,2	1285	45
30002000T6	6000	3000	2000	2000	400	2400	4,0	1830	70
30002000T8	8000	3000	2000	1500	600	2100	4,0	1900	70

Freight elevator



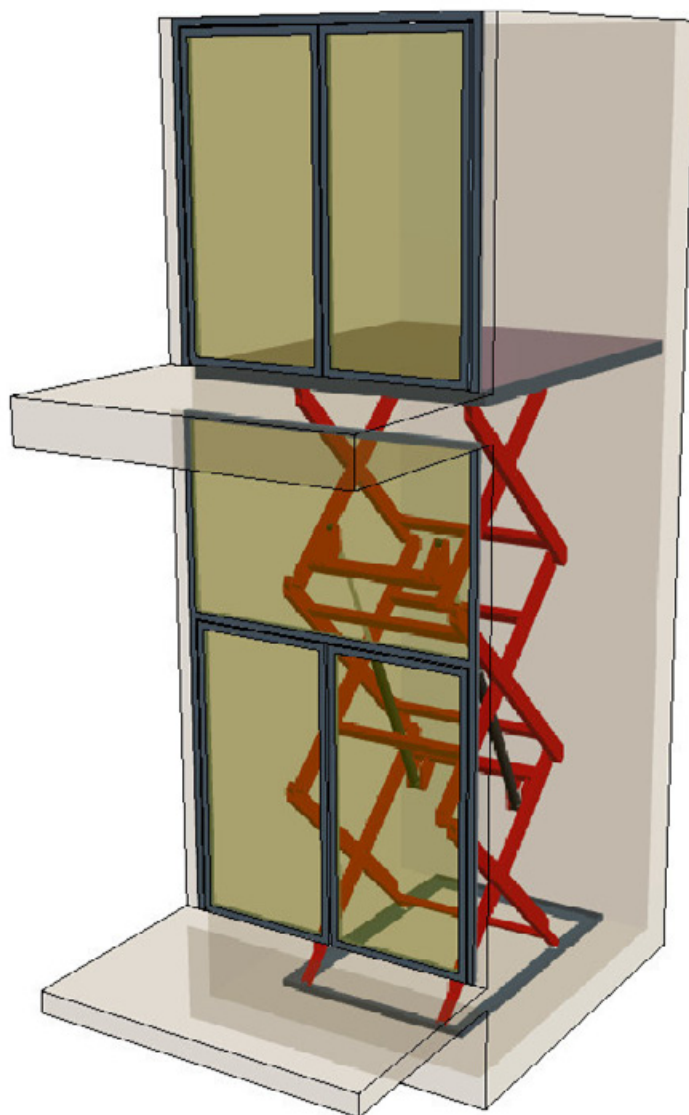
Freight elevators are produced by JEMA as turnkey projects in the light of the needs of the customer. Freight elevators are constructed according to the scissor- or the truck principle depending on the application; built into a shaft with doors or detached with enclosure/guarding.

A high lift lifting table works easily and safely as an elevator between 2 or more levels. Often an elevator is needed to move freight from one level to another but a normal elevator can be too expensive. A JEMA freight elevator gives a financial and extreme elegant alternative in such situations.

All freight elevators are delivered with guarding, doors and security equipment in accordance with the European Directives.

JEMA freight elevator

- Lock bolts for level guard
- Hose fracture guard of all cylinders
- Type approved elevator door locks
- Non-skid floor
- Safety cut-off for service



Components & features



1



2



3



4



5



6



7



8



9

Throughout the years, we have supplied lifting tables to all types of industries. This has given us a great knowledge and understanding of how to construct and equip a lifting table to be suitable for longterm, effective, reliable, ergonomic and safe operation. All lifting tables are produced with following features:

1. Compact hydraulic power pack with integrated control. Over-pressure valve and adjustable lowering control valve are standard components in all hydraulic systems. An integrated filter in both tank and at the return side guarantees a clean and quiet system which will last for many years.
2. Profile steel arms in high-strength steel gives the table a great lateral stability. Long bushings with grease nipples in all movable joints reduce the load at the most vulnerable places and ensure longevity with only minimal maintenance of the lifting table.
3. The safety trip bar on all sides reduces the danger of pinching.
4. Hydraulic cylinders with grease nipples. All cylinders are secured against hose fracture.
5. Rollers and wheels are fork mounted which results in longevity and very low maintenance costs.
6. Safety chocks lock the table during services and repairs.
7. Maintainable axles and bearings.
8. JEMA lifting tables are produced with a view to simple installation. All tables are prepared for fixing to the floor.
9. All products are CE marked in conformity with EN 1570 end the Machine Directive.

Other standard features:

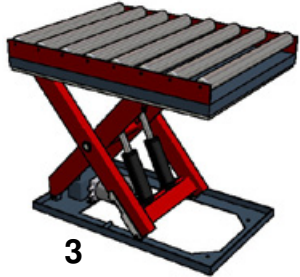
The electrical box is 3 x 415V/50 Hz + earth + N rated at IP 65 – The table as a whole is rated at IP 54 – The control voltage is 24 V prepared for PLC control – Control box with 3 metres of cable – Low noise level 52-58 dBA – Primer + lacquer red RAL 3001 / grey RAL 7016 – Test certificate from factory



1



2



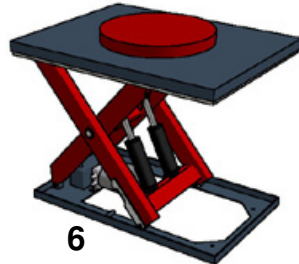
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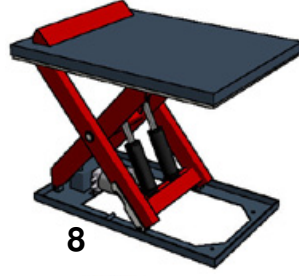
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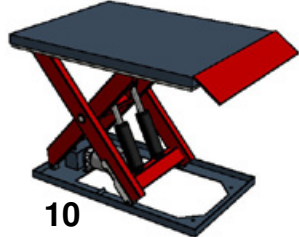
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8



9



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With JEMA's large range of accessories it is possible to tailor the lifting tables precisely to suit the intended application. Time after time it turns out that equipment (like for example a turntable plate or a roller conveyor) is very valuable for the workplaces, in terms of efficiency and ergonomics.

1. Pallet truck frame

It is possible to move with the table from the short- or long side, with a pallet lifter or a truck.

2. Mobile frame

Make the lifting table mobile with 2 fixed and 2 revolving wheels with brakes.

3. Roller conveyor

Driven or undriven roller conveyor for use in transport system or palletizers.

4. Handrail

Handrail incl. kick edge and knee rail. For use on platforms or loading ramps.

5. Gate

Self-closing gate, electrically interlocked, or where required electro-mechanically interlocked.

6. Turntable plate

360° rotation of the plate, if required with position stops.

7. Revolving table top

360° rotation of table top, if required with position stops.

8. Roll-off barrier

Makes sure that freight, carts, etc. do not roll off the table.

9. Tilt for the table top

45-90° hydraulic tilt of extra table top. Fitted with safety trip bar safeguarding against danger of pinching.

10. Loading flap

Loading flap to bridge the gap between lift and vehicle.

Accessories:

Galvanized control panel
Photocell automatic
Handrail

Electronic height stop
Pallet truck frame
Turntable

Mobile bottom frame
Roller conveyor
+ Much more

Special & standard



Working platform for maintenance of bridge

Capacity:	2 persons + 50 kg
Number of scissors:	3
Length:	1700 mm
Width:	900 mm
Working height:	2950 mm
Equipment:	Self-propelled Electrical extension



Low profile table for unequally distributed load

Capacity:	3000 kg
Unequal load:	1500 kg per scissor
Length:	4500 mm
Width:	1000 mm
Min. height:	100 mm
Travel:	800 mm



Lifting for full automatic storehouse

Capacity:	6000 kg
Length:	15000 mm
Width:	3400 mm
Min. height:	600 mm
Travel:	3600 mm
Frequency:	4500 lifts/year
Control:	PLC control panel



Lifting table for truck with heavy point loads

Capacity:	16000 kg
Length:	4000 mm
Width:	4000 mm
Min. height:	700 mm
Travel:	2600 mm
Wheel pressure:	5000 kg





Lifting table serving storage racks

Capacity:	800 kg
Length:	6000 mm
Width:	800 mm
Max height:	1900 mm
Equipment:	Electric outdrawing of rack boxes 24 V battery-powers



Working platform

Capacity:	2000 kg
Length:	5000 mm
Width:	3500 mm
Max height:	4000 mm
Equipment:	4 x ejection Revolving top frame



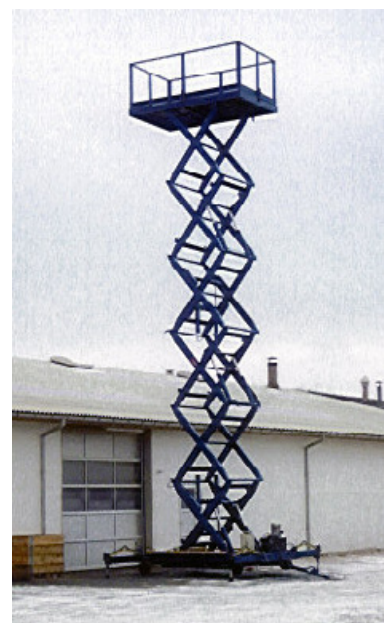
Lifting table used for palletizing

Capacity:	3000 kg
Number of scissors:	3
Length:	1200 mm
Width:	900 mm
Travel:	1440 mm
Frequency:	130000 lifts/year
Equipment:	Roller conveyor



Lifting table for materials handling

Capacity:	3000 kg
Number of scissors:	6
Length:	4000 mm
Width:	2500 mm
Max height:	10000 mm
Number of cylinders:	12

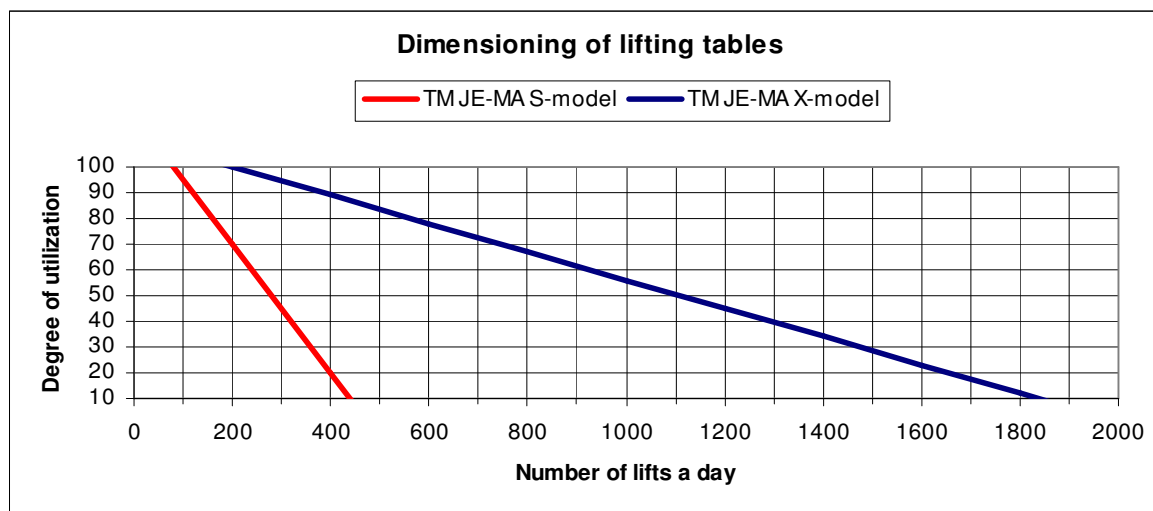


Dimensioning

Important questions concerning choice of model and specifications:

Function?	Minimum height – Lifting movement – Maximum height – Length of platform – Width of platform – Pump unit, integrated or separate – Electrical supply
Capacity?	Maximum load – Placement of the load – Impact load – Lateral load – Point loads – Driving with truck or pallet truck
Intensity?	Velocity – Frequency – Number of daily cycles – Integration in automatic systems
Precision?	Top/bottom stop – Interval stop – Is the height of the table going to maintain the exact same position for a long time?
Surroundings?	Outdoor use – Pit installation – Vapour – Heat – Chemicals – Special demands
Safety?	Danger of explosion – Danger of sliding – Danger of tilting – Control box – Safety trip bars – Danger of pinching – Private or public installation
Ergonomics?	Type of accessories required to suit the intended application, e.g. a turntable plate or wheel support?

The below mentioned diagram indicates the maximum utilization curves for TM JE-MA standard S-model and X-model lifting tables at intensive use and at maximum velocity (70 mm/sec). X-model lifting tables are made with larger cylinders, central lubrication system, overdimensioned hydraulic aggregate and centreless ground axles dependent on the given task.



Dimensioning example:

Example 1: A S-model lifting table with 70 % utilization of the allowed lifting capacity handles 200 lifts a day.

Example 2: A X-model lifting table with 50 % utilization of the allowed lifting capacity handles 1100 lifts a day.