

Scissor Lift Tables

Load Transfer Between Levels



- Vehicle loading
- Machine filling/feeding
- Order picking
- Raised storage
- Process plant
- Disabled persons lift
- Car lifts



INTERIOR

EXTERIOR

PROCESS

SERVICE

SCISSOR LIFT TABLES

SARA scissor lift tables are designed for a wide range of applications for load transfer between different levels.

We have the experience and ability to design the best solutions to meet specific requirements.

Standard capacities are up to 8 tonnes with a lift stroke up to 1600mm, as shown in the table overleaf, but higher load capacities, non-standard sizes and faster lift speeds are available.



APPLICATIONS

Load transfer applications include:

- Vehicle loading
- Machine filling/feeding
- Order picking
- Raised storage access.

Other applications are:

- Disabled access
- Car parking.

AUTHORITY

All models meet and exceed the requirements of BS EN 1570:1999 *Safety requirements for lifting tables.*

MATERIALS AND MANUFACTURE

Solid steel base frame, platform and scissor arms for maximum strength. Platform tops are smooth steel.

Power pack and control gear are mounted on the base frame within the closed height or pit depth.

OPTIONS

- Fixed or removable handrails or gates.
- Rising hydraulic or counterbalanced anti-wheel roll end-stops.
- Durable steel or non-skid platform surfaces.
- Stainless steel handrails and platform.
- Protective side skirts in steel mesh; bellows or roller blind operation.
- Reinforced platform for heavier loads or cross traffic.
- Mobile lifts, manual or powered, running on castors or rail wheels
- Platform with integral roller conveyor, ball table or load cell weighing equipment.
- Bridge plates for vehicle loads, hydraulic or manual.
- Remote power packs.
- Constant level control, remote and foot controls.

FINISH

All steel components are treated with an industrial paint finish incorporating a rust inhibitor. Standard finish is gloss paint in red RAL 3000; other colours and finishes are available.

SAFETY FEATURES

Safety trip edges under the platform ensure the lift will stop immediately if an obstruction is encountered during descent.

Deadman control: lift stops automatically if control button is released.

Safety valves stop descent in the unlikely event of hydraulic hose failure.

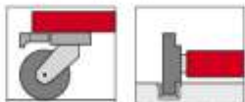
Gates if fitted have safety interlocks to prevent opening unless the platform is at the correct level.



Supermarket loading bay lift



Maintenance prop in place



Mobile castors

Inset rail wheel



Adjustable work height station



Ball table conveyor platform



OPERATION

Electro-hydraulic operation. Motors are 3-phase 380-420 volts ac to IP54. Control voltage is 24 volts. Standard control is two-button with deadman cut-out. Other control options are available.

MAINTENANCE

For easy maintenance, a removable service inspection panel is fitted in the platform above the power pack. Twin hinged steel props are permanently fitted to enable the lift to be mechanically locked in the raised position during maintenance.



DISABLED ACCESS

Under recent legislation there is a duty to make reasonable provision for disabled persons to have access to buildings. The Disability Discrimination Act 1995 applies to all existing and new buildings where a service is provided to the public or where people are employed. The deadline for compliance was 1 October 2004.

The Building Regulations 2000 (as amended) Part M applies to all new buildings. Approved Document M contains specific requirements for lifting platforms.

sara scissor lift platforms can be used to meet the requirements of legislation by providing access for disabled persons at changes in level, to upper floors, and to items that may be too high for a wheelchair user to reach. Scissor lifts are ideal for this use as they have minimum space requirements and are easy to install.



We can supply lift platforms with suitable controls, guardrails etc complying with the requirements of Approved Document M, BS 6440:1999 *Powered lifting platforms for use by disabled persons - Code of practice*, or other criteria.

There is a range of finishes to suit aesthetic requirements.



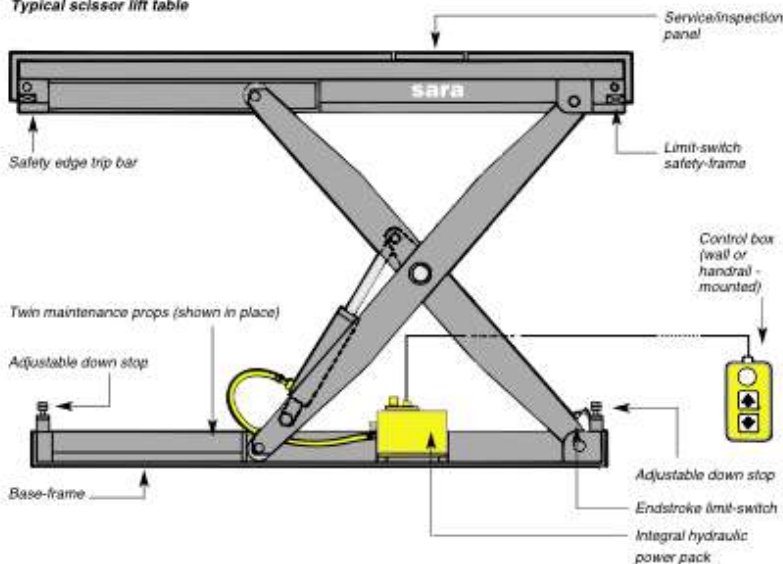
CAR PARKING

sara scissor lifts allow cars to be moved between different levels, thus maximising available parking space in restricted areas. They require much less space than ramps and offer simpler installation. Lifts can be fitted with side panels, end doors etc as required.



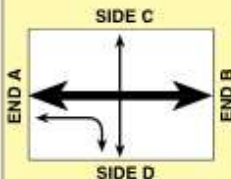
Disabled access lift with bellows protection

Typical scissor lift table



DIRECTION OF LOAD TRAVEL

Standard load capacities are based on end-to-end direction of load travel (A to B). If it is necessary to use side-to-side or end-to-side travel (C to D or A to D) the load capacity must be reduced or the platform reinforced. Capacity also depends on whether transfer is at high or low level. Please consult **sara** for advice.



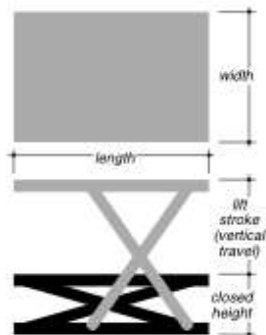
Plan view of scissor lift table

SCISSOR LIFT TABLES



SCISSOR LIFT TABLES: STANDARD RANGE

Higher load capacities, non-standard sizes and faster lift speeds are available; please consult **sara**.



Model no	Load capacity (kg)	Platform length x width (mm)	Lift stroke (mm)	Closed height (mm)	Lift time (sec)
SLT/1/13/11/8	1000	1300 x 1100	800	240	22
SLT/1/15/125/10	1000	1500 x 1250	1000	240	26
SLT/1/25/20/16	1000	2500 x 2000	1600	310	28
SLT/1/30/25/16	1000	3000 x 2500	1600	320	30
SLT/2/13/11/8	2000	1300 x 1100	800	285	25
SLT/2/15/125/10	2000	1500 x 1250	1000	285	30
SLT/2/20/15/13	2000	2000 x 1500	1300	285	23
SLT/2/25/20/16	2000	2500 x 2000	1600	320	30
SLT/2/30/25/16	2000	3000 x 2500	1600	320	30
SLT/3/20/15/13	3000	2000 x 1500	1300	350	30
SLT/3/25/15/16	3000	2500 x 1500	1600	350	35
SLT/3/25/20/16	3000	2500 x 2000	1600	350	35
SLT/3/30/25/16	3000	3000 x 2500	1600	350	35
SLT/DS/3/15/11/13	3000	1500 x 1000	1300	540	40
SLT/5/25/15/16	5000	2500 x 1500	1600	450	30
SLT/5/25/20/16	5000	2500 x 2000	1600	450	35
SLT/5/30/25/16	5000	3000 x 2500	1600	450	50
SLT/8/30/25/16	8000	3000 x 2500	1600	560	70

Note: All models listed have integral power pack, apart from model SLT/DS, which is remote.

SERVICES

Please contact your **sara** Technical Salesman, who will be happy to discuss your requirements. The **sara** scissor lift questionnaire will help to identify the critical information required for each project. Site visits can also be arranged.

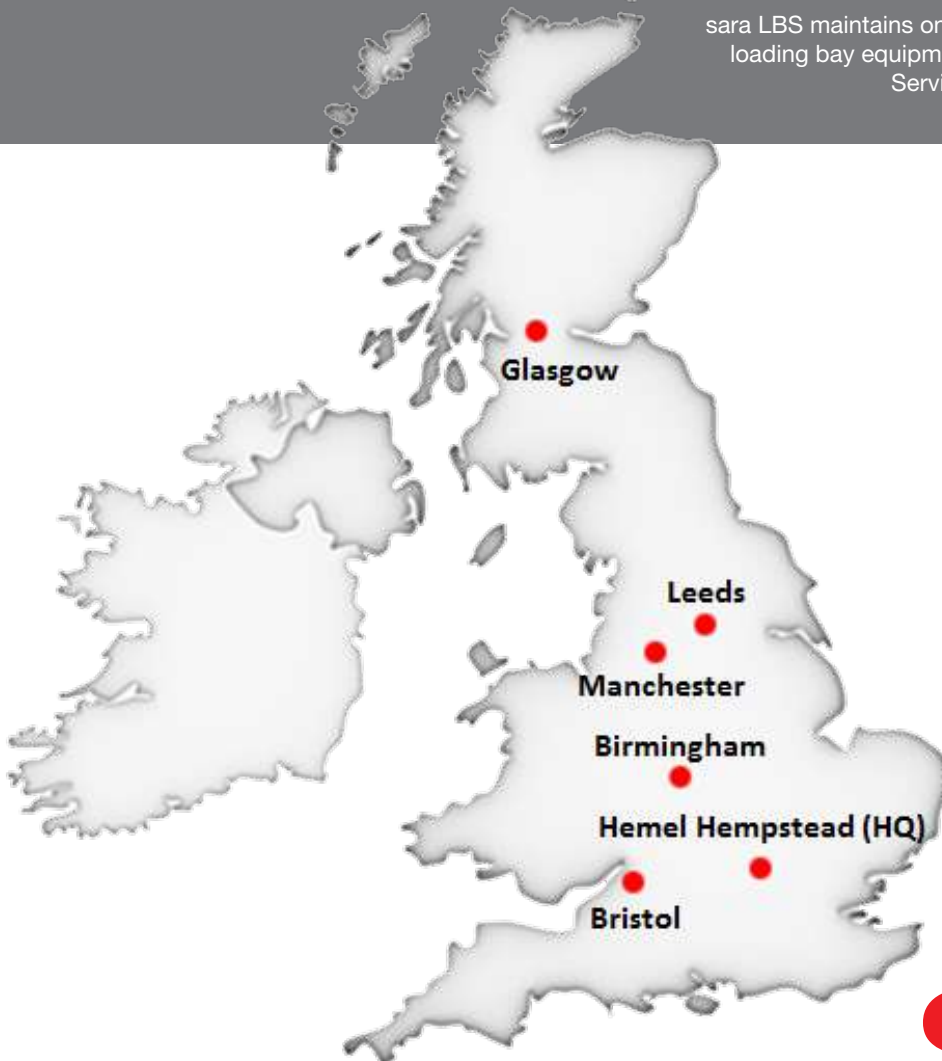


Preventative Maintenance Contracts

sara LBS offers 1, 3 and 5 year service contracts to help make sure that your equipment is well maintained throughout its life. Whether you bought your loading bay equipment from sara LBS or elsewhere, our CSCS trained engineers are able to ensure that your loading docks, scissor lifts, dock shelters, high speed doors etc. are maintained to the highest standard.

Contracts include regular servicing of equipment, preventative maintenance to stop a problem before it leads to downtime, and regular site inspections. Many of the UK's leading manufacturers and distributors use sara LBS to maintain their facilities, even if the original equipment isn't sara LBS branded.

sara LBS maintains one of the largest UK service networks for loading bay equipment and has engineers on the road 24/7. Service centres can be found across the UK.



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