

Suitable for any required load or elevation in any industrial sector.

TECHNICAL DESCRIPTION

Inkema's Tandem Double Scissor Lift Table is made of rolled steel structure and high quality plate steel.

Specifically designed to meet the logistical needs of most sectors: food, pharmaceutical, automotive, industrial, textile, etc...

Inkema offers a **complete range of accessories and finishes** that allow its customers to choose the lift table that best suits their needs and requirements. **Inkema's** design, quality processes and industry experience enable their lift tables to have a long service life.



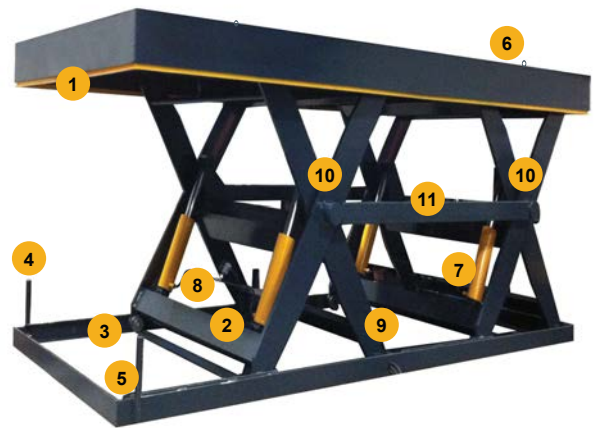
OPERATION

Carries out lifting manoeuvres using **hydraulic cylinders** that have particular specifications, matching the load requirements.

Inkema's Tandem Double Scissor Lift Table has been designed to fulfil three purposes:

- ✓ To move between different levels in confined spaces.
- ✓ As a loading dock function.
- ✓ As a production and assembly system. It can be included as part of a fully automated logistics system.

SIDE VIEW OF THE TABLE



- 1 Safety perimeter foot barrier.
- 2 Hydraulic unit: motor, pump and tank.
- 3 Double movement wheel.
- 4 Mechanical lowering stops.
- 5 Maintenance bar.
- 6 Eyebolt with pin for transport.
- 7 Anti-fall safety valve.
- 8 Hydraulic cylinders.
- 9 Scissors.
- 10 Central axles.
- 11 Synchronising rod.

TYPES OF LIFT TABLES:

Inkema divides its range of lift tables into three:

- **Single scissor***: Flat surface, with a single set of scissors and hydraulic cylinders.
- **Double Scissor**: Designed to achieve greater elevation and/or a larger load surface. Consists of a flat surface, two sets of scissors and hydraulic cylinders. There are 3 different types: vertical (MEX2), twin (MEX3) or tandem (MEX4).
- **Dual SR****: Set of two machines in one. A hydraulic dock leveller with hinged lip (SR) or with telescopic lip (SRB) is installed on a lifting table.



Single Scissor Lift Table (MEX1)

Dual SRB Scissor Lift Table
(scissor lift+leveller with retractable lip)

LOAD CAPACITIES AND WORK CYCLES

The Tandem Double Scissor Lift Table has a standard load capacity, depending on its dimensions, **of between 1 ton and 6 tons*****.

A table's work cycle consists of it **going up + down once** (with or without load). Once 120,000 cycles have been completed, the axles, wheels and bushes must be replaced.

- ✓ Max. number of work cycles recommended for normal use: **8 cycles/hour or 64 cycles/day**.

*For further information please refer to the technical sheet for the Single Scissor Lift Table.
**For further information please refer to the technical sheets for the Dual SR/SRB Lift Tables.
***For other dimensions, please consult Customer Service.



TECHNICAL SPECIFICATIONS AND HYDRAULIC UNIT

- Motor voltage 230/400V 3F (three-phase) 50Hz.
- Electric motor power depends on the capacity of the table.
- Maximum working pressure of the hydraulic circuit 180 kg/cm² (bar).
- Working temperature range (-10°C / +40°C).
- Noise level produced <70db.
- Specific power, performance, flow and tank capacity characteristics for the hydraulic unit, depending on load requirements. Includes 24V solenoid safety valve.



Tandem Double Scissor Table with side handrails, hinged doors and a hydraulic collapsible lip.

SAFETY ELEMENTS

The **Lift Table** has the following safety elements as standard:

- **Emergency Stop:** Activated by switch or power failure.
- **Anti-fall safety valve** on hydraulic cylinders in case of hose breakage.
- **Safety signalling** using adhesives on the moving parts.
- **Perimeter safety foot barriers** on all tables.
- **Safety bar** that prevents the table from closing during maintenance work.



Perimeter foot barrier system Anti-fall safety valve



Tandem Double Scissor Lift Table with handrails, hinged doors and side claws.



Galvanised Tandem Double Scissor Lift Table with side handrails and hinged doors with interlock.

FINISHES



Painted:

Highly resistant to corrosion and environmental agents. Standard colour grey RAL 7016, any other colour can be chosen according to RAL chart.



Galvanised:

Excellent resistance to corrosion and environmental agents.

STANDARDS

Inkema declares that all its Lift Tables conform to the following European directives:

2006/42/CE, 2014/35/UE, 2014/30/UE and UE 305/2011

Designed and manufactured in accordance with the following harmonised technical standards:

EN 1570-1 and UNE-EN ISO 12100

Compliance with the following technical standards:

UNE-EN 349, UNE-EN ISO 13857, UNE-EN ISO 4413, UNE-EN 60204-1, UNE-EN 61000-6-2, UNE-EN 61000-6-3 and UNE-EN 61000-6-4