

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

## TECHNICAL DESCRIPTION

**Inkema's Vertical Double Scissor Lift Table** has a rolled steel structure with 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 quality processes and industry experience enable their lift tables to have a long service life.



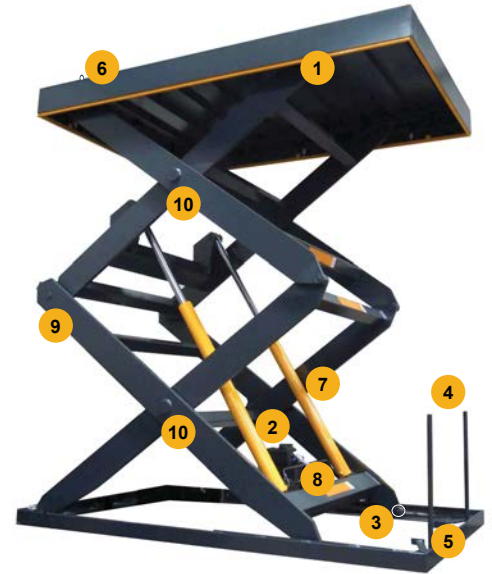
## OPERATION

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

**Inkema's Vertical 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 Hydraulic cylinders.
- 8 Anti-fall safety valve.
- 9 Scissors.
- 10 Central axles.

## 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 Vertical Double Scissor Lift Table has a standard load capacity, depending on its dimensions, **of between 1 ton and 3 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

- Voltage of the motor 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/cm<sup>2</sup> (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.



### 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



Double scissor table with handrails and hinged doors.



Double scissor table with hydraulic lip.



Galvanized double scissor table with hinged doors, handrails and claws.

### 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**