



SCISSOR-LIFT TABLES

Alapont scissor-lift platforms and tables can cover logistical needs in an infinity of situations. They are extremely useful as a positioning tool in production processes, as an auxiliary element to facilitate ergonomic work practices or else as a solution to overcome architectural barriers.

The personalising of dimensions, features and accessories translates into economic savings since you avoid having to carry out reforms while simplifying the building works and installation process required.



1. SIMPLE SCISSOR-LIFT TABLE:



The simple scissor-lift tables are platforms designed to transport or position goods between different heights.

They offer good stability and enable free access on four sides, allowing them to be incorporated into production processes as a lifting element.

They can support loads of up to 10 000 kg and can be manufactured with a length of up to 5 metres.



All these tables are manufactured according to the contents of standard EN-1570 detailing the safety requirements for lifting tables.

This type of table is of a moderate height in its folded position and in general allows an elevation ratio of 0.60 times its length.

Tabla 1.1				
Modelo	Dimensiones Plataforma (mm)	Recorrido Vertical (mm)	Altura Plegada (mm)	Carga Máxima (Kg)
MEST 1,2x0,8 K1 E0,8 P2SE	1200x800	650	200	500
MEST 1,5x1 K1 E1 P2SE	1500x1000	900	250	500
MEST 2x1,2 K1 E1,3 P2SE	2000x1200	1300	260	500
MEST 1,2x0,8 K1 E0,8 P2SE	1200x800	650	200	1000
MEST 1,5x1 K1 E1 P2SE	1500x1000	900	250	1000
MEST 2x1,2 K1 E1,3 P2SE	2000x1200	1300	260	1000
MEST 1,5x1 K2 E1 P2SE	1500x1000	900	260	2000
MEST 2x1,2 K2 E1,3 P2SE	2000x1200	1300	280	2000
MEST 2,5x1,5 K2 E1,6 P2SE	2500x1500	1600	320	2000
MEST 3x1,5 K2 E2 P2SE	3000x1500	2000	400	2000
MEST 2x1,2 K3 E1,3 P2SE	2000x1200	1300	300	4000
MEST 2,5x1,5 K3 E1,6 P2SE	2500x1500	1600	350	4000
MEST 3x1,5 K3 E2 P2SE	3000x1500	2000	450	4000
MEST 4x2 K3 E2,5 P2SE	4000x2000	2500	550	4000
MEST 3x1,5 K6 E2 P2SE	3000x1500	1800	600	6000
MEST 4x2 K6 E2,5 P2SE	4000x2000	2300	650	6000



2. DOUBLE SCISSOR-LIFT TABLE:



Double scissor lift tables are formed of a frame, the double scissor lifting mechanism and a platform. Additionally, they incorporate other elements such as a safety profile around their perimeter.

They are designed to transport and position goods between different levels.

They can manage loads up to 5 000 kg and are manufactured up to a length of 4 metres.

All these tables are manufactured according to the contents of standard EN-1570 detailing the safety requirements for lifting tables.

This type of table is of a medium height in its folded position and in general allows an elevation ratio of 1.2 times its length.



Tabla 2.1 Modelo	Dimensiones		Recorrido	Altura		Carga
	Plataforma (mm)	Vertical (mm)	Vertical (mm)	Plegada (mm)	Máxima (Kg)	
MEDT 1,2x0,8 K1 E1,5 P2SE	1200x800	1500	1500	350	500	
MEDT 1,5x1 K1 E1,7 P2SE	1500x1000	1700	1700	375	500	
MEDT 2x1,2 K1 E2,3 P2SE	2000x1200	2300	2300	400	500	
MEDT 1,2x0,8 K1 E1,5 P2SE	1200x800	1500	1500	350	1000	
MEDT 1,5x1 K1 E1,7 P2SE	1500x1000	1700	1700	375	1000	
MEDT 2x1,2 K1 E2,3 P2SE	2000x1200	2300	2300	400	1000	
MEDT 1,5x1 K2 E1,7 P2SE	1500x1000	900	900	450	2000	
MEDT 2x1,2 K2 E2,2 P2SE	2000x1200	2200	2200	480	2000	
MEDT 2x1,2 K3 E2,2 P2SE	2000x1200	2200	2200	500	3000	

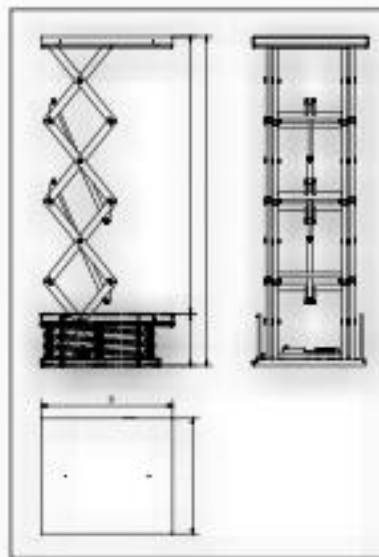


3. MULTIPLE SCISSOR-LIFT TABLE:



The length of a platform conditions the useful elevation it can reach. **Alapont multiple scissor-lift tables** are the solution for those applications where greater height is required than that offered by the simple and double-scissor models.

This type of scissor table consists of a frame, the scissor-lifting mechanism which can be three or four levels and the top platform.



4. LOADING PLATFORM:

Loading platforms are lifting tables designed to perform loading and unloading tasks, either between two levels of a building, or else as a link with a vehicle.

They have a reinforced structure which allows them to support the dynamic forces that loading mediums such as forklifts bring to bear.

They are manufactured for loads of up to 10 000 kg with a maximum size of 4 000 x 2 500 mm.

Optionally, they incorporate folding lips to bridge the gap between the platform and the vehicle.

Many loading points are situated in areas exposed to harsh weather conditions. In such conditions, rusting of the machinery can be significant so in such conditions it is recommended that the machinery is given a hot-galvanising treatment to guarantee a longer useful life for the machine.



5. WORK PLATFORMS:

Working platforms are lifting tables designed to lift people to enable work at height.

They are used for interior works at a maximum height of 3 metres.



These machines are designed with suitable stability to ensure the user can perform his or her work safely.



They can incorporate the following complements:

- Extension to the extendible platform.
- Detachable handrail.
- Doors with self-retracting hinges.
- Wheels for manual transportation.
- Automotive engine with a traction battery.

6. SAFETY ELEMENTS:

The platforms help to provide additional work safety and ergonomic conditions.

Their design complies with current European Community directives on safety, especially standard EN-1570 detailing the safety requirements for lifting tables.



As standard features, they incorporate the following safety components:

- **Safety perimeter.** This is a bar situated under the platform perimeter that, if touched, forces a stop and blocks the lowering movement.
- **Retention valve.** Along with the hydraulic cylinders it incorporates a retention valve that in the event of breakage of the flexible hydraulic hoses stops the platform's uncontrolled fall, or performs a controlled descent.
- **Overload valve.** The hydraulic impeller incorporates a valve limiting pressure to avoid lifting in the event of overload.
- **Mechanical blocking bars.** To perform inspection or maintenance jobs, the platforms incorporate bars that block the position of the scissor mechanism and allow safe access to its interior.



After a risk evaluation of the work station, an improved level of safety may be required. Therefore, Alapont offers optional safety components that enable the desired protection level to be achieved.

The optional elements include: perimeter protection bellows, closing off of access, presence detector barriers and carpets and a double hydraulic safety circuit.

7. OPTIONS AND ACCESSORIES:



Bastidor autoportante y ruedas



Hueco inferior para entrada horquillas transpaleta



Forma especial de plataforma



Mesa con traslación motorizada



Transportador de rodillos libres o motorizados



Transportador de malla modular o de cadenas



Plataformas con mesa de bolas



Varias opciones de grupo hidráulico



Control por botonera, pedales o control remoto.





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