

SAFETECH - SCISSOR LIFT TABLE

Welcome to an introduction to one of Safetech's many materials handling products. This attachment provides a product overview and should assist you to make a more informed purchasing decision.

Below you will find:

- Detailed product information
- Technical Specifications
- Product pictures
- A link to the Safetech website for further information



THE SAFETECH SCISSOR LIFT TABLE

Safetech manufacture a wide range of scissor tables with many options and features. Capacities range from light loads of 100 - 200 Kg's, to tables that can lift in excess of ten tonnes. Lift tables can be customised to incorporate a great variety of features including;

- Manual or automatic turntables to rotate the load
- Tilting decks that present the product to the operator
- High cycle capacity
- Safety bars or skirts to protect operators
- Varied deck construction, stainless steel, checker plate and more
- Special frames to capture the load
- Adapted for use as personnel lifts
- Low height tables for use with hand pallet trucks

Controls can be automated or interlocked with associated equipment

SMARTLIFT

The standard Safetech table includes the Smartlift, a control and safety feature unique to Safetech that offers productivity, safety and maintenance advantages.

Smartlift provides an electronic diagnostic system with automatic down indexing and enhanced safety characteristics.



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HOW DO SCISSOR TABLES WORK?

Hydraulic Lift Tables incorporate a scissor mechanism to hold the platform level but allow it to move vertically.

A hydraulic power unit incorporating electric motor and hydraulic pump supply oil to hydraulic cylinder(s) to elevate the platform.

Most lift tables utilise a single acting hydraulic system. This means that the lift table raises by oil supplied to the cylinder(s) under pressure from the pump and descends under its own weight when the down valve is opened, allowing oil to be bled back to tank. This is sometimes known as a power up gravity down system. It also means that lift tables are subject to a slow downward drift over time as oil bleeds back to the tank.

AIR BAG LIFT TABLES

(SEE PICTURE)

Air bag lift tables provides a safe and clean way to lift without the need for hydraulics. Powered by shop air they provide a clean alternative to hydraulics but are limited in capacity, accuracy and lift stroke.

APPLICATIONS

- Manual palletising or depalletising
- Loading or unloading of stillages, containers, bins, bags, bricks, tiles.
- For elevating product placed on conveyors, into feeding hoppers, extruders,
- Maintenance of process and production equipment
- Personnel lifts
- Mezzanine and between floor lifts



All prices/specifications subject to change without notice.

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SAFETY

- Care must be taken to prevent entrapment of limbs either in the mechanism or under the table's edge. A safety bar is the best protection whilst skirts are also used. The safety bar stops the downward movement of the table upon contact with any obstruction.
- Lift tables are often used in conjunction with forklift trucks and they can sometimes damage the table leading to operating failure or injury.



LIMITATIONS

- Scissor lift tables are active lifting devices and their use may be covered by statutory requirements similar to those applying to lifts and cranes.
- Hydraulic Lift tables are not ideally suited to highly accurate platform placement as may be required in automated processes because of the drift that can occur with oil bleeding back to the tank. Alternative lifting mechanisms include screw lift tables.
- All Lift Tables must be appropriately specified for use in washdown, corrosive or flammable environments or high cycle applications.



BEST BUYING

Lift table prices rise rapidly as extra lift is required - because that requires extra sets of scissors, in high cycle applications or where hand pallet truck only access demands a low height profile table.

Stainless steel tables are available but expensive and an alternative is to use a stainless steel skin for the deck and epoxy paint.

As with most products lift tables are much cheaper if you can use a standard configuration. Take care with very cheap tables as they may sacrifice safety standards or durability and performance.



Replaces all previous versions

Effective 1st March 2007

SAFETECH - SCISSOR LIFT TABLE

SPECIFICATIONS

MODEL	CAP. (kg)	VERT. STROKE	MIN Ht	MAX HEIGHT	*MIN WIDTH X LENGTH	MAX WIDTH X LENGTH	ELEV. TIME	POWER UNIT	WEIGHT
AS1-900	1000	915	175	1090	1300 X 800	1800 X 1200	21	0.75kW 240/1/50	320
AS1-900 WIDE	1000	915	175	1090	1300 X 1200	1800 X 1600	21	0.75kW 240/1/50	340
AS2-900	2000	915	175	1090	1300 X 800	1800 X 1200	42	0.75kW 240/1/50	335
AS2-900 WIDE	2000	915	175	1090	1300 X 1200	1800 X 1600	42	0.75kW 240/1/50	355
AS3-900	3000	915	200	1115	1300 X 800	1800 X 1200	22	2.4kW 415/3/50	390
AS3-900 WIDE	3000	915	200	1115	1300 X 1200	1800 X 1600	22	2.4kW 415/3/50	410
AS1-1200	1000	1220	200	1420	1800 X 800	2400 X 1200	27	0.75kW 240/1/50	500
AS1-1200 WIDE	1000	1220	200	1420	1800 X 1200	2400 X 1600	27	0.75kW 240/1/50	520
AS2-1200	2000	1220	200	1420	1800 X 800	2400 X 1200	18	2.4kW 415/3/50	530
AS2-1200 WIDE	2000	1220	200	1420	1800 X 1200	2400 X 1600	18	2.4kW 415/3/50	550
AS3-1200	3000	1220	200	1420	1800 X 800	2400 X 1200	27	2.4kW 415/3/50	545
AS3-1200 WIDE	3000	1220	200	1420	1800 X 1200	2400 X 1600	27	2.4kW 415/3/50	565
AS1-1600	1000	1615	250	1860	2260 X 1150	3000 X 1800	24	2.4kW 415/3/50	940
AS1-1600 WIDE	1000	1610	250	1860	2260 X 1550	3000 X 2200	24	2.4kW 415/3/50	950
AS2-1600	2000	1615	250	1860	2260 X 1150	3000 X 1800	30	2.4kW 415/3/50	945
AS2-1600 WIDE	2000	1610	250	1860	2260 X 1550	3000 X 2200	30	2.4kW 415/3/50	960
AS3-1600	3000	1615	250	1860	2260 X 1150	3000 X 1800	44	2.4kW 415/3/50	960
AS3-1600 WIDE	3000	1610	250	1860	2260 X 1550	3000 X 2200	44	2.4kW 415/3/50	970
AS025-500	0.25	485	165	650	950 X 450	950 X 450	20	0.75kW 240/1/50	42
AS05-760	0.5	765	150	915	610 X 410	900 X 700	10	0.75kW 240/1/50	100
AS1-1800	1000	1815	275	2090	2530 X 1180	3300 X 1800	26	2.4kW 415/3/50	950
AS1-1800W	1000	1815	275	2090	2530 X 1580	3300 X 2200	26	2.4kW 415/3/50	1050
AS2-1800	2000	1815	275	2090	2530 X 1180	3300 X 1800	32	2.4kW 415/3/50	960
AS2-1800 WIDE	2000	1815	275	2090	2530 X 1580	3300 X 2200	32	2.4kW 415/3/50	1060
AS4-1250	4000	1250	310	1560	2050 X 1300	2900 X 1800	45	2.4kW 415/3/50	610
AS4-1250 WIDE	4000	1250	310	1560	2050 X 1700	2900 X 2200	45	2.4kW 415/3/50	640
AS6-1250	6000	1250	320	1570	2050 X 1300	2900 X 1800	55	2.4kW 415/3/50	610
AS6-1250 WIDE	6000	1250	320	1570	2050 X 1700	2900 X 2200	55	2.4kW 415/3/50	640
AS1-2000	1000	2010	340	2350	2800 X 1200	3600 X 2000	36	2.4kW 415/3/50	1460
AS1-2000 WIDE	1000	2010	340	2350	2800 X 1600	3600 X 2400	36	2.4kW 415/3/50	1610
AS2-2000	2000	2010	340	2350	2800 X 1200	3600 X 2000	46	2.4kW 415/3/50	1470
AS2-2000 WIDE	2000	2010	340	2350	2800 X 1600	3600 X 2400	46	2.4kW 415/3/50	1620
AS3-2000	3000	2010	340	2350	2800 X 1200	3600 X 2000	60	2.4kW 415/3/50	1480
AS3-2000 WIDE	3000	2010	340	2350	2800 X 1600	3600 X 2400	60	2.4kW 415/3/50	1630
AS6-1500	6000	1500	440	1940	2990 X 2360	3600 X 3000	37	2.4kW 415/3/50	2000
AB04-530A	400	530	185	715	1150 X 1150	1150 X 1150	10	Air	160

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