



**Advanced**  
HANDLING  
INTELLIGENT HANDLING SOLUTIONS



**SCISSOR TABLES**



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A Metalrax Group plc company

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# WELL, WHAT WOULD YOU PUT ON IT?

## HOW OUR SCISSORS CUT JUMBO DOWN TO SIZE

**A fully grown bull elephant can tip the scales at 6.5 tonnes, reach a height of 4 metres and keep going for 70 years.**

Impressive, but to us it's no big deal.

Built like the proverbial, but weighing less than a quarter of our thick skinned friend, a standard specification Advanced scissor table can comfortably carry 8 tonnes, lift it to a height of 5 metres and, carries a weighty guarantee.

It's the least we can do, beyond that almost anything is possible.

While others are happy to follow the herd we are at the cutting edge of scissor table technology.

Whatever you need to lift, however heavy, to whatever height, in whatever situation, we can build a scissor lift that fits your needs precisely.

We've yet to supply one to the veterinary business, but it's ready when they are.

# SCISSOR TABLES

Options offered by Advanced

## MOBILE SCISSOR TABLES



The handling issue that this project presented to our designers was that heavy equipment in need of repair had to be transported from a machine in one location of the factory to another.

Advanced Handling came up with a solution to utilise an electric powered pallet truck combined with a scissor table which was additionally fitted with rollers. This ensured the operator could simply slide

the unit in need of repair onto the scissor table, and then transport the powered pallet truck through the factory to the desired location.

The result of this created an improved working environment for the operators, eliminating any risk of injury to the staff involved in this process.

### CASE STUDY

## STATIC SCISSOR TABLES



A generator manufacturing plant had a material handling issue as operators were required to work at fixed height benches. However, unless the operator was of average height there was the potential that they could suffer from a Repetitive Strain Injury or any other related bending and twisting type injury.

A solution was provided where static scissor lifts were fitted underneath the benches to provide a

safe working height for all the operators. Advanced Handling was chosen as the supplier because, in the words of the company, 'they had visited the site, understood exactly the requirements but most importantly provided an extremely cost effective solution'.

### CASE STUDY

## MEZZANINE GOODS LIFTS



A new product added to the extensive range already offered by Advanced Handling is the Mezzanine Goods Lift. This product allows goods to be moved safely and cost effectively to or from the upper ground of a mezzanine floor.

Most importantly with this design of lift there is generally no requirement for a costly pit to be excavated as the design allows for a shallow ramp to

be used to load goods from the ground floor onto the lifting platform.

Where using a small ramp would present a problem, operationally the pit needed would be a fraction of the depth required for an equivalent standard scissor table design.

### CASE STUDY

## BESPOKE SCISSOR TABLES



A vending machine processing plant wanted to change from using surface mounted scissor tables to pit mounted versions to speed up the refurbishment process of their machines.

Previously the operator was required to use a specially modified pump truck to lift the machines from the ground onto the table. With the new pit mounted tables this part of the process was removed

and this effectively reduced the time required per process by around 10%.

Advanced Handling Technical Designers worked alongside the company to ensure that the equipment supplied not only achieved their objectives, but also conformed to all the latest Health and Safety regulations.

### CASE STUDY

**ECONOMIC MOBILE SCISSOR TABLES**

- **Durable** powder coated frame
- **High quality** components
- **Twin braked** castors
- 12 months **warranty**
- **Parts / service** available
- **CE** Marked



**MOBILE SCISSOR TABLES**

	Capacity	Raised Height	Closed Height	Platform Width	Platform Length	Net Weight
BD-SC-200-S-M	200kg	760	225	450	700	41kg
BD-SC-300-S-M	300kg	850	335	520	850	80kg
BD-SC-500-S-M	500kg	950	350	610	920	108kg
BD-SC-800-S-M	800kg	930	350	610	920	112kg
BD-SC-350-D-M	350kg	1610	430	610	920	130kg

**DOUBLE & TRIPLE HIGH LIFT MOBILE SCISSOR TABLES**

- Capacities from **125kg to 800kg**
- Lift heights from **1420mm to 2900mm**
- **Battery electric** or **manual hydraulic** operation available on all models
- **Heavy duty** arms, bearings & hydraulics
- Table top sizes up to **840mm x 1350mm**



**OPTIONAL EXTRAS**

- 2nd braked wheel
- Ball & roller tops
- Stainless steel tops
- Bellows safety skirt
- Different size table tops

**DOUBLE AND TRIPLE HIGH LIFT SCISSOR TABLES**

CAPACITY	RAISED HEIGHT	CLOSED HEIGHT	OPERATION	PLATFORM WxL	O/A WxL	WHEEL TYPE	PART CODE
125kg	1420mm	430mm	Manual Hyd	500 x 840	500 x 1090	Poly	SC-125-D-M
125kg	1420mm	430mm	Battery Electric	500 x 840	500 x 1130	Poly	SC-125-D-E
300kg	1350mm	295mm	Manual Hyd	590 x 840	640 x 1190	Poly	SC-300-D-M
450kg	1550mm	295mm	Manual Hyd	610 x 1030	665 x 1350	Poly	SC-450-D-M
450kg	1550mm	295mm	Battery Electric	610 x 1030	665 x 1350	Poly	SC-450-D-E
500kg	1900mm	490mm	Manual Hyd	840 x 1350	860 x 1690	Nylon	SC-500-D-M
500kg	1900mm	490mm	Battery Electric	840 x 1350	860 x 1690	Nylon	SC-500-D-E
500kg	2900mm	650mm	Manual Hyd	840 x 1350	860 x 1690	Nylon	SC-500-T-M
500kg	2900mm	650mm	Battery Electric	840 x 1350	860 x 1690	Nylon	SC-500-T-E
800kg	1900mm	490mm	Manual Hyd	840 x 1350	860 x 1690	Nylon	SC-800-D-M
800kg	1900mm	490mm	Battery Electric	840 x 1350	860 x 1690	Nylon	SC-800-D-E

**LIGHT DUTY MOBILE SCISSOR TABLE**

- Aluminium models **weigh only 24kg** so can be lifted safely & easily in and out of cars or vans
- Conforms to **EN1570**
- **Non marking tyres** ensure no damage to floors
- Pump operated by **foot pedal**
- **Total stop brake** prevents the table from moving when loading & unloading
- Lowering speed **controlled** by an overload valve & slow lowering valve



**LIGHT DUTY SCISSOR TABLE 150KG**

	Steel	Aluminium
Capacity	150kg	150kg
Closed Height	255mm	255mm
Raised Height	780mm	780mm
Platform W x L	450mm x 760mm	450mm x 760mm
O/A W x L	450mm x 990mm	450mm x 990mm
Approx Weight	41kg	24kg
Product Code	SC-150-S-M	SC-150-S-M-ALU

**OPTIONAL EXTRAS**

Part Code	Description
SC-150-2BR	2nd braked wheel
F20-130	Bellows safety skirt
H272	Roller Top
F20-152	Ball Top

**SINGLE MOBILE SCISSOR TABLES**

- Capacities from **300kg to 1250kg**
- Lift heights from **840mm to 1050mm**
- Table top sizes up to **1000mm x 2000mm**
- **Heavy duty** arms, bearings & hydraulics
- All models fitted with overload valve & slow lowering valve to **control** the lowering speed.
- **Nylon bushes** at all scissor arm hinge points
- One braked castor fitted as standard, both castors have **toe guards**
- **Battery electric** or **manual hydraulic** operation available on all models



**SINGLE SCISSOR TABLES**

CAPACITY	RAISED HEIGHT	CLOSED HEIGHT	OPERATION	PLATFORM WxL	O/A WxL	WHEEL TYPE	PART CODE
300kg	840mm	335mm	Manual Hyd	500 x 840	500x1050	Poly	SC-300-S-M
300kg	840mm	335mm	Battery Electric	500 x 840	500x1130	Poly	SC-300-S-E
500kg	900mm	340mm	Manual Hyd	610 x 1030	610x1320	Poly	SC-500-S-M
500kg	900mm	340mm	Battery Electric	610 x 1030	610x1330	Poly	SC-500-S-E
800kg	1050mm	360mm	Manual Hyd	840 x 1350	860 x 1650	Nylon	SC-800-S-M
800kg	1050mm	360mm	Battery Electric	840 x 1350	860 x 1650	Nylon	SC-800-S-E
1250kg	1050mm	360mm	Manual Hyd	840 x 1350	860 x 1650	Nylon	SC-1250-S-M
1250kg	1050mm	360mm	Battery Electric	840 x 1350	860 x 1650	Nylon	SC-1250-S-E
1000kg	1050mm	360mm	Manual Hyd	1000 x 2000	1000 x 2350	Nylon	SC-1000-S-M
1000kg	1050mm	360mm	Battery Electric	1000 x 2000	1000 x 2350	Nylon	SC-1000-S-E

**STATIC LOW PROFILE SCISSOR TABLES**

- **3 Phase** mains powered tables
- Supplied with **lifting bolts** for moving
- "U" shape requires no lifting ramp
- **Low closed height** to eliminate pit installation
- **Cut off bar** on underside of the platform
- Remote power pack **protected to IP54**
- 12 months **warranty**

**STANDARD LOW PROFILE TABLES**

(These tables are supplied with loading ramps - 900mm)

	Capacity	Raised Height	Closed Height	Platform Width	Platform Length
BD-HY-1001	1000kg	860	85	1450	1140

**U-SHAPE LOW PROFILE TABLES**

(585mm gap for pallet truck access)

	Capacity	Raised Height	Closed Height	Platform Width	Platform Length
BD-HU-1000	1000kg	860	85	1420	1140

More sizes are available from our premium range. Please contact us for details.

**SINGLE, DOUBLE AND TRIPLE STATIC SCISSOR TABLES**

- built to your specification

- **Mains Electric** Powered Operation
- For use **indoors or out**, the tables can be installed in a pit or positioned on the floor
- **Solves the problem** of moving goods between different working heights
- Double or triple scissors giving **lift height options of over 5000mm**
- Provide a **safe** working surface
- **Low Profile** tables allow goods to be wheeled directly onto the table using the ramp supplied, no need for a pit
- Double vertical lift tables for travel of **up to 3300mm**
- Double horizontal lift tables will take loads of up to **6000mm x 2000mm** in size pit

**OPTIONS**

- Turntable mounted on platform
- Turntable built into platform
- Turntable platform
- Fork entry base frame
- Bellows skirt
- Stainless steel frames
- Roller top or tilting top (Please contact us for details)



**TECHNICAL SPECIFICATION**

- Safety trip bar to all sides stops table lowering if it meets an obstruction
- Power supply 3 x 380/415v + earth
- Control voltage 24v including solenoid valve
- Push button control with 2.5m cable
- Manual emergency lowering
- Pressure compensation lowering valve
- Maintenance safety bar for service
- High quality construction, includes box section arms for greater side stability
- Low level noise motors

**PLEASE NOTE** that we can only include a small number of models here. We can manufacture with capacities up to 20,000kg and a huge range of widths, lengths and lift heights. Please contact us for more details.

**DOUBLE VERTICAL**

Cap Kg	Platform L x W (mm)	Travel mm	Closed Height	Part Code
1000	1350 X 1000	1600	450	TR-BD-40101
2000	1350 X 1000	1600	450	TR-BD-40103
1000	1700 X 1000	2200	450	TR-BD-40111
2000	1700 X 1000	2200	450	TR-BD-40113

**DOUBLE HORIZONTAL**

Cap Kg	Platform L x W (mm)	Travel mm	Closed Height	Part Code
2000	2700 X 800	820	230	TR-BD-40201
2000	3400 X 900	1100	230	TR-BD-40211

**LOW PROFILE (inc ramp)**

Cap Kg	Platform L x W (mm)	Travel mm	Closed Height	Part Code
1000	1500 X 800	780	80	TR-BD-40312
1000	1610 X 800	970	80	TR-BD-40322

**SINGLE SCISSOR**

Cap Kg	Platform L x W (mm)	Travel mm	Closed Height	Part Code
1000	1350 X 800	820	180	TR-BD-40003
2000	1350 X 800	820	230	TR-BD-40007
3000	1350 X 800	820	250	TR-BD-40009
1000	1700 X 900	1100	230	TR-BD-40021
2000	1700 X 900	1100	230	TR-BD-40025
3000	1700 X 900	1100	260	TR-BD-40027
2000	2200 X 1200	1600	300	TR-BD-40041
3000	2200 X 1200	1600	300	TR-BD-40043

**LOW PROFILE U-SHAPE**

Cap Kg	Platform L x W (mm)	Travel mm	Closed Height	Part Code
1000	1610 X 1100	780	80	TR-BD-40402
1000	1610 X 1100	970	80	TR-BD-40412