



One of
The UK's
Leading
Materials
Handling
Equipment
Manufacturers



Established in 1972
as a castor and wheel
Distributor we have
since evolved into one
of the UK's largest
Manufacturers and stock
holders in our Industry.

Our most important
asset is our employees.

A team of experienced
staff all share our
collective vision and
have been loyal to us
on average for over
10 years, some over
30 years!

This wealth of
knowledge and
commitment has
enabled us to maintain
our competitive edge.

Our Primary Goal is
to simply provide the
very best quality
material handling
equipment for our
customers according to
our core brand values.

- Quality
- Innovation
- Service
- Flexibility

Our customers include...

HSS Hire
Speedy Lifting
Carry Gently
Morrisons
Rittal
LG UK
3663
Tesco
Sainsbury
Asda
Photo-me International
Ocado
Team Know How
Creed
Brighthouse
.....and many
more household names

SKOOTS® moving systems The original and still the best...

Skoots are portable moving systems which hydraulically lift loads of up to 5,000kg off the floor onto castors, allowing easy movement in any direction. For heavy and bulky loads of all shapes and sizes they are typically used in a wide range of industrial situations...

- Air conditioning installation and maintenance
- Commercial refrigeration
- Security safe installation
- Switchgear panel manufacture and installation
- Vending machine installation
- Museums and galleries
- Hire shops – speciality lifting equipment
- Data cabinets and server equipment
- Machinery installations
-and many more...



BIL quality control & testing

The philosophy and brand values for BIL are – quality, innovation, service and flexibility. At BIL we are continually striving to further improve our product range and also the level of service to customers, both in the UK and across the EU... at BIL we never stand still.

Our products have been extensively field-tested and also evaluated by independent test laboratories within the UK. Our operations and procedures incorporate full batch traceability, which are audited to ISO 9001:2015 standards and our scope of accreditation recognises our company as a manufacturer, designer and developer of product and materials handling equipment.

We are fully committed to a policy of customer satisfaction through excellence of products and service with continual improvements in all areas. This includes the development and marketing of new high-grade materials and products to meet the demands of our customers.

European quality standards

BIL Materials Handling products comply with European standards and are supplied with a certificate of conformity as required by the relevant directive where necessary.



BIL Cornerstones

• Quality • Innovation • Service • Flexibility
.....the ethos and values that BIL stand by



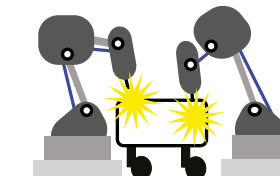
Your quality expectations mean everything to us. Only by striving to exceed these expectations can we hope to retain your custom and therefore allow us to grow.



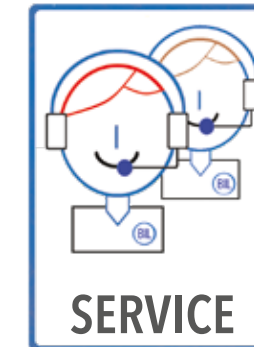
BIL are ISO 9001:2015 accredited as a Material Handling Equipment manufacturer and our Quality Management system forms the backbone of our organisation.



Focus on innovation flows through our organisation and is the key to our success

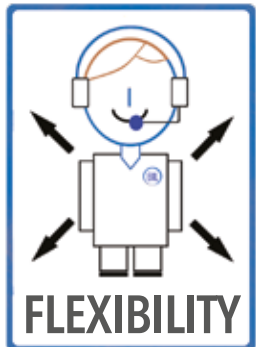


As well as improving existing products and designing new solutions for our clients, it also helps us to drive forward our service and to make our system processes more efficient.



Providing excellent customer service that meets with, or preferably exceeds customer expectations is a core business driver at BIL. Our customer service contact centre utilises the latest software to effectively monitor and measure the levels of service on offer to clients who contact us. We offer a local service on a national scale via our team of highly experienced area sales managers.

Our products are engineered to provide many years of service. For BIL, providing the very best service is key.



To accommodate the needs of our clients, we accept that we must be flexible in our approach and in everything that we do. In response to shifting external demands, we must be able to react quickly and make the internal changes necessary to provide the most effective response. This ability and willingness to change may present itself when a client requires products which vary from our standard lines, changes according to new legislation, and any changes according to new customer demands.

BIL materials handling...

The complete range for all your needs

Skoots moving systems – original and the best
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Skoots systems – the range
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Skoots bespoke systems and examples
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Most items are available from stock – other items are manufactured in the UK to order



As used by professionals...

Lift and shift... simple and safe moving systems for heavy and bulky loads of any size or shape, in fact the best keeps getting better and better...

Our Skoots SK2000 models and above feature new solid heavy duty cast nylon wheels. The face, sides and bore are machined to tight tolerances to ensure a consistent quality product. Quality semi-precision ball bearings ensure that the wheels roll well under heavy loads. With low starting and rolling resistance, they represent a marked improvement in durability and usability.

Precision engineering

Many design and material improvements have been made across the whole Skoots range – including the use of high-grade smooth-bore tube combined with new, specialist piston seals plus 'back-up' seals and wiper rings to improve the hydraulic system. Also the addition of a self-lubricating piston bush serves to support the piston rod when extended and helps make the unit even more rigid.

Finally, the introduction of a new precision-engineered valve block complete with reinforced reservoir cylinder assembly, coupled with superior assembly procedures and a stringent testing regime, have all been undertaken as part of BIL's policy of continuous product review and improvement.

In-House manufacturing

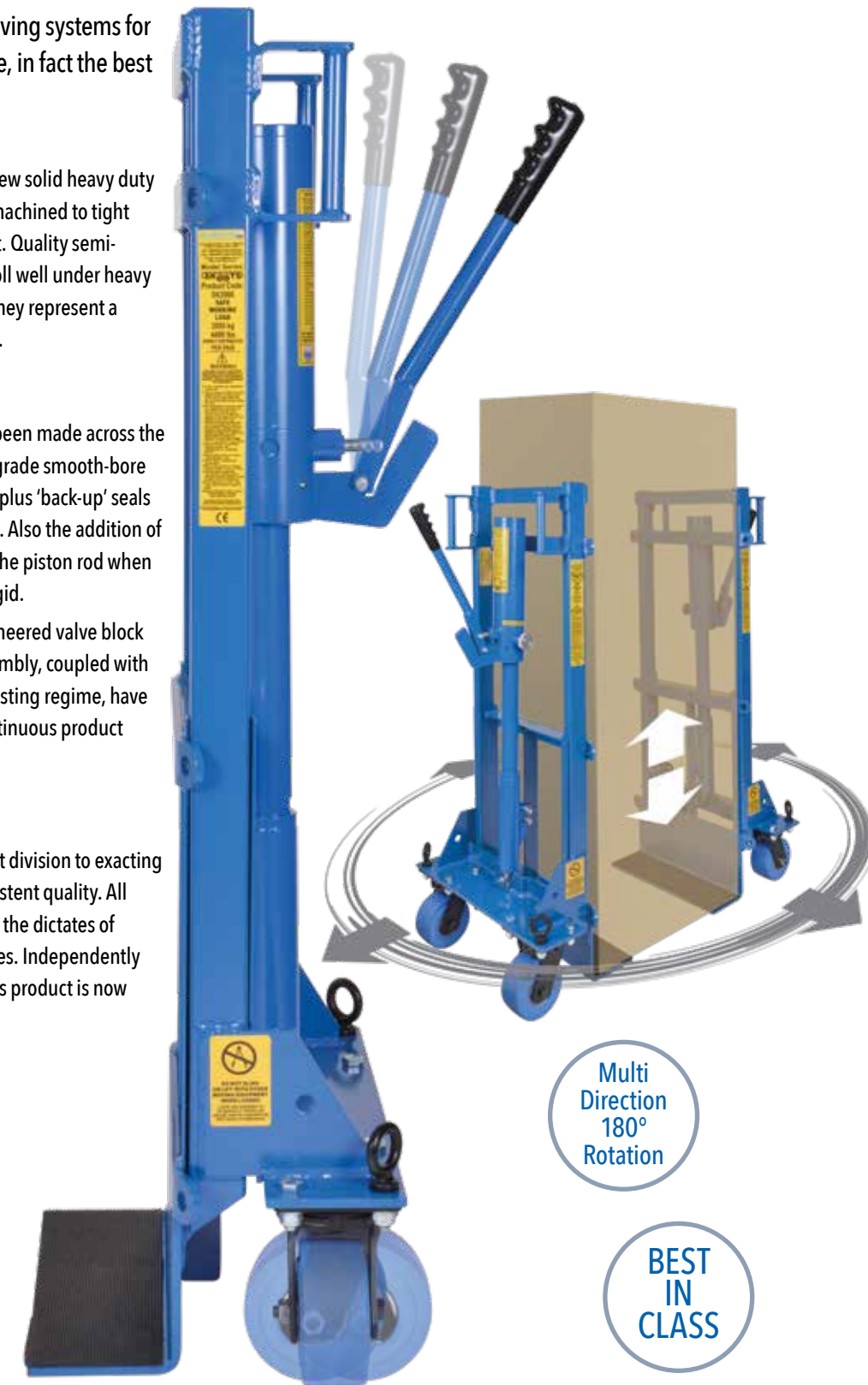
The range is manufactured by our BIL Equipment division to exacting standards that can be monitored to ensure consistent quality. All manufacturing processes are undertaken within the dictates of BS-EN-ISO 9001: 2015 Quality Control Procedures. Independently type-tested and certificated, the complete Skoots product is now more reliable than ever before.

Buyer beware!

Cheaper alternative systems from abroad are nearly always inferior in many respects...

No directional locks; uncomfortable control handles; two-section frames held by over-stressed metal straps; shallow toe plates allowing the load to dislodge; weak jacks with poor seals and unreliable spare part supply; often wet painted rather than specialist hard-powder coated.

You get what you pay for – buy genuine Skoots for years of service – our customers are still using fifteen year old examples.



Skoots® moving systems

The original and still the best



So many benefits...

SAFE AND EASY... the load has only to be lifted approximately 15mm to allow for the insertion of the toe plates.

EFFORTLESS... hydraulic jacks raise and lower the load.

NO SLIP OR SLIDE... loads cannot slip or slide off as Skoots are strapped to the item being moved making it safer to move even over uneven ground.

MINIMAL HEIGHT INCREASE... the overall load height in transit is only increased by a few millimetres helping move items that are a tight fit through doorways etc.

EASY POSITIONING... four swiveling castors allow the load to be precisely manoeuvred and the hydraulic jacks allow the load to be lowered into position in a controlled operation.

MANOEUVRABILITY... smooth-running castors with precision ball bearing journals allow easy and controlled steering around corners and obstacles.

HIGH LIFT CAPABILITY... maximum lift up to 400mm on certain models.

360 DEGREE ROTATION... heavy loads can easily be turned within their own length. This unique feature means that doorways, corridors and similar restrictions can be negotiated easily and safely.

DIRECTIONAL LOCKS... four-way directional locks fitted to the castors are extremely useful when negotiating corridors or when moving across floor surfaces with a gradient.

EASY TO TRANSPORT... compact for easy transportation.

SIMPLE TO OPERATE... requires minimal training.

WIDE RANGE... choose from a range of models overleaf to suit the load capacity.

OVERLOAD PROTECTION... pressure relief valve fitted to jacks for extra safety.

Ergonomic handles
Easy-roll castors
SK3500 – increased lift to 375mm
Improved quality and design of jack – less effort to pump
SK2000 to SK5000 – improved lift stroke

Our Skoots SK2000 models and above feature new high quality European-made impact-resistant cast nylon wheels which are really well suited to tough applications. These wheels are fitted with quality semi-precision ball bearings containing long-life lubricant and have a high resistance to aggressive substances from -30°C to +80°C. With very low starting and rolling resistance, they represent a marked improvement in durability and usability.



Our five year warranty on the frames reflects the level of engineering & material quality employed

Hand-built
by BIL



SK600

Load capacity:	600kg
Height:	1160mm
Width:	510mm
Toe plate size:	380mm × 120mm
Hydraulic jack:	Max lift 400mm
Castors:	125mm single solid white nylon wheels
Weight (pair):	96kg
Strap length (pair):	3.8m each



SK900

Load capacity:	900kg
Height:	1160mm
Width:	510mm
Toe plate size:	380mm × 120mm
Hydraulic jack:	Max lift 400mm
Castors:	125mm twin blue
PU on nylon wheels	
Weight (pair):	108kg
Strap length (pair):	3.8m each

Free UK
on-site demo
on all Skoots



Skoots®... safe, manoeuvrable, simple to operate and require minimal training

Skoots moving equipment is a vital part of many industries' health and safety measures

Five
year frame
warranty



Lift and shift... simple and safe moving systems for heavy and bulky loads of any size or shape



Twelve
month
hydraulics
warranty



SK1400

Load capacity: 1400kg
Height: 1160mm
Width: 510mm
Toe plate size: 380mm × 120mm
Hydraulic jack: Max lift 400mm
Castors: 125mm twin poly-tyre nylon wheels
Weight (pair): 108kg
Strap length (pair): 3.8m each



SK2000

Load capacity: 2000kg
Height: 1160mm
Width: 510mm
Toe plate size: 380mm × 120mm
Hydraulic jack: Max lift 400mm
Castors: 125mm single solid nylon wheels
Weight (pair): 102kg
Strap length (pair): 3.8m each

Free UK
on-site demo
on all Skoots



SK3500

Load capacity: 3500kg
Height: 1160mm
Width: 510mm
Toe plate size: 380mm × 120mm
Hydraulic jack: Max lift 375mm
Castors: 125mm single solid nylon wheels
Weight (pair): 104kg
Strap length (pair): 3.8m each



SK5000

Load capacity: 5000kg
Height: 1170mm
Width: 790mm
Toe plate size: 600mm × 150mm
Hydraulic jack: Max lift 200mm
Castors: 150mm twin solid nylon wheels
Weight (pair): 232kg
Strap length (pair): 4.5m each

Tried and
tested for
over thirty
years





Understanding the Individual Needs of our Customers



Consultation

The most critical first step is to gain a full understanding of the application and the customers needs



Solutions

We will provide the most Fit for Purpose Solution



After Sale

As well as supplying a product with a long service life we aim to offer a personal service throughout



We also manufacture bespoke systems...

BIL can offer tailored solutions to our customers' problems. We understand that one size does not fit all and that each application is completely unique. At BIL Materials Handling, we have many years' experience of dealing with a wide variety of applications and customers, some of whom have had fleets of over 3,000 vehicles and also those who have had only one or two.

Skoots moving system for data enclosures

Patent pending solution for installation or removal of fully populated data enclosures.

The system removes racks from shipping pallets safely and efficiently and transports the delicate equipment to its final destination using our patent pending method.

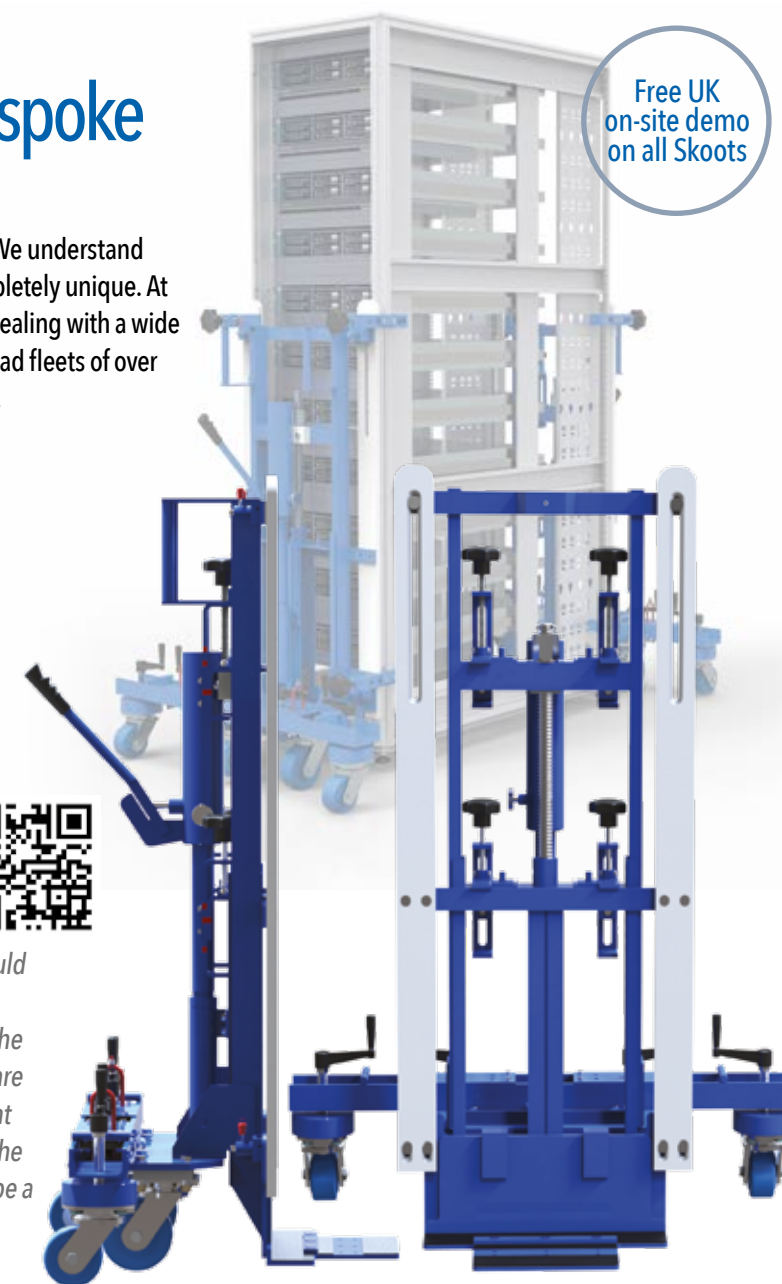
Visit www.bilhandling.co.uk/skoots-skencsys1-promo to see the video.

Talk to us on... 01249 822 222



"A number of issues needed to be addressed before we would be able to provide our customers with a solution of how to move our data enclosures to their final install destination. The combination of their size and shape and the fact that there are very few secure points to which traditional lifting equipment can connect to made the challenge even harder. However, the Skoots system easily overcame these obstacles and would be a valuable asset to any datacentre deployments"

Andy Gill Engineering Director Rittal-CSM



Free UK on-site demo on all Skoots

Case history: optional accessories for bespoke solutions

WPD are the electricity distribution network operator for the Midlands, South Wales and the South West, delivering electricity to over 7.6 million customers within a 55,300 sq kms service area. Total commitment is given to ensure that no-one is injured or has their health damaged as a result of their business activity.

WPD were looking to improve the way in which products are transported when on site and approached BIL Group to seek out and develop new and improved tools and techniques with the aim of eliminating or reducing risk of injury to employees. BIL offered a variety of solutions and worked with the training team from WPD to identify suitable products for their applications.

Call us today to discuss your specific needs...



WESTERN POWER DISTRIBUTION
Serving the South West and Wales

Tel 01249 822 222 www.skoots.co.uk



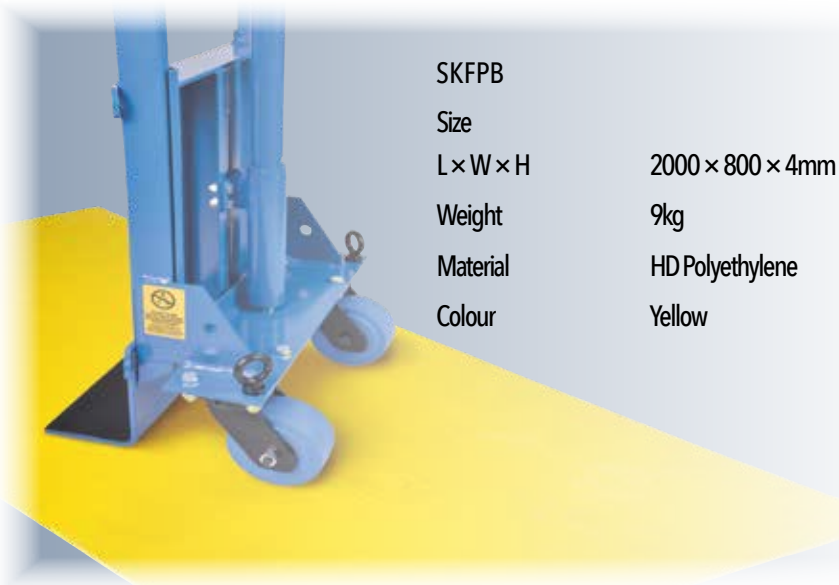
Floor Protection Plates

The BIL ground protection board will allow temporary access for moving and operating personnel, plant and equipment over soft or sensitive ground. Skoots, barrows, cranes, trucks, the possibilities are endless... ideal for installers of refrigeration, aircon, vending machines, safes etc.

- Temporary access, working areas & trackways
- Quick and easy to install ground protection
- Avoid property, heritage & environmental damage
- Avoid health and safety issues
- Save ££'s and time in reinstating damaged floors
- Professional image and helpful to customers

Tried and tested, lightweight but flexible, almost unbreakable, easy to clean and usable for project after project. Can also withstand 750kg point pressure on a hard, flat surface. BIL Protection Board can solve your access issues – contact us now.

NB. The weight load distribution performance of the protection board is subject solely to ground conditions, weight and type of equipment used. BIL always recommends strongly that a site survey should be carried out to determine weight loading and ground conditions. When used correctly without overload and when used on a suitable hard, flat and level floor surface the risk of floor or material damage is minimised.



SKFPB	
Size	
L × W × H	2000 × 800 × 4mm
Weight	9kg
Material	HD Polyethylene
Colour	Yellow

Roller crowbars
1.5 to 5 tonne capacity

Used to lever up and position smaller machinery items or packing cases. A perfect accessory for assistance with the incersion of the Skoots toe-plate underneath the product.

SKRC Series

- A lever bar of strong steel tube on two smooth-running steel rollers
- 2000mm long for extra leverage
- Heavy-duty construction.

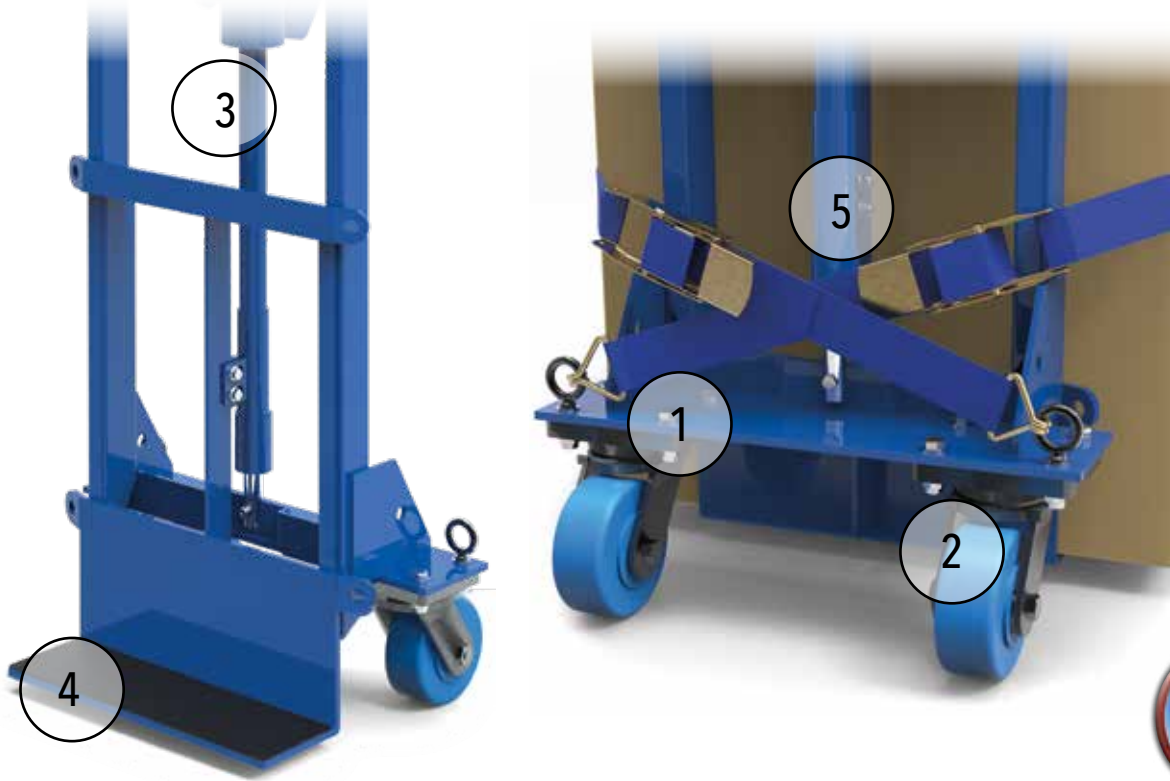
Model	SKRC1.5	SKRC5
Capacity	1.5 tonne	5 tonne
Type of roller/wheel	steel	steel
Roller diameter	75mm	70mm
Max lifting height	145mm	145mm
Net weight	13kg	30kg

NB. Finish colour supplied may differ from that illustrated



Spare Parts List

	PART NAME	UNIT	PART DESCRIPTION	TO SUIT	PART CODE
1	Main body castor	Single	Steel fabricated heavy-duty bracket. Directional lock.	SK600 SK900 SK1400 SK2000 SK3500 SK5000	BZJ125NYBJDL 2BZSAB125ENPBJDL/SK 2BZSAB125XPNBJDL/SK BZSAB125NYBJDL/SK BZSAB125NYBJDL/SK 2BZQX150NYBJDL/SK
2	Main body castor wheel	Single	SK600: 125mm dia. white nylon with ball bearing, tread width 45mm SK900: 125mm diameter, 82 shore A Blue PU on nylon with ball bearing, tread width 40mm SK1400: 125mm diameter, 97 shore A Blue PU on nylon with ball bearing, tread width 49mm SK2000: 125mm diameter Blue HD solid cast nylon with ball bearing, tread width 55mm SK3500: 125mm diameter Blue HD solid cast nylon with ball bearing, tread width 55mm SK5000: 150mm diameter Blue HD solid cast nylon with ball bearing, tread width 50mm	SK600 SK900 SK1400 SK2000 SK3500 SK5000	BZXH125WNYBJM20 BZH125WENPBJM20 BZXH125WPNBJM20/BUE BZXH125WNYBJM25HDSK BZXH125WNYBJM25HDSK BZXH150WNYBJM25HDSK
3	Hydraulic jack	Single	Bespoke long ram hydraulic jack.	SK600 SK900 SK1400 SK2000 SK3500 SK5000	SKJACK600 SKJACK900 SKJACK1400 SKJACK2000 SKJACK3500 SKJACK5000
4	Rubber mat	Single	Fluted rubber mat to be bonded to Skoots toe plate. Note: Rubber mats should be bonded to prepared surface using recommended 3M ScotchWeld 80 spray.	SK600 SK900 SK1400 SK2000 SK3500 SK5000	RM15X5 RM15X5 RM15X5 RM15X5 RM15X5 RM600X150
5.	Straps	Pair	Pair of straps to suit Skoots SK600 to SK3500 supplied with cam buckle. SK5000 straps supplied with ratchet.	SK600 SK900 SK1400 SK2000 SK3500 SK5000	STR2 STR2 STR2 STR2 STR2 STR5



Phone 01249 822 222 to place your order now!

See our website at www.skoots.co.uk for important safety advice

Tel 01249 822 222 www.skoots.co.uk



Operating instructions

Pay close attention to the safety notes opposite before attempting to use your Skoots units.

Operating steps

1. Ensure the load is within the safe working capacity of the Skoots as identified by the data plate affixed to the Skoots, all the floors are suitable for the total load and that the route is clear of all hazards. A formal risk assessment should be carried out by a competent person, if necessary.

IMPORTANT: Consider the floor surface and structure before attempting to transport a load, floors should be suitably boarded or plated first if necessary.

2. Place Skoots units centrally under each end of the load, ensuring that the load is located firmly in the heel of the toe plate. Note that the toe plate will try to push away from the load whilst the top of the frame will try to push into the load. Use protective pads, such as carpet tiles, between the Skoots frame and the load if considered necessary.

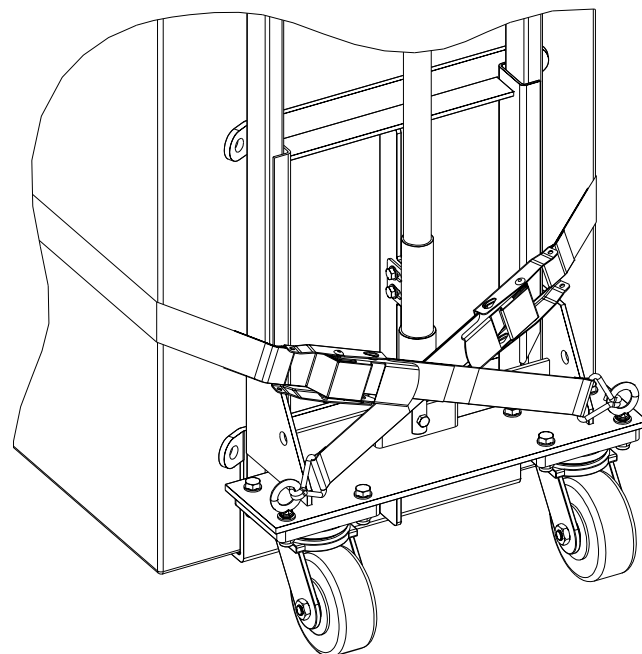
3. Secure load using both straps, ensuring that they are hooked into the eyebolts at each end and cross at the back of the Skoots units. It is important to cross the straps over at the rear of the Skoots frames to allow the position of the cam buckle to sit behind the frame rather than at the side of the load. This also enables the straps to be fixed at greater tension than would otherwise be the case.

4. SK600 to SK3500 models: Pull the strap tight so that the Skoots units are hard against the load, and close the over-cam buckle to lock so that the straps are held firmly.

SK5000 model: Pull the strap tight so that the Skoots units are hard against the load before using the ratchet lever to tightly lock the strap.

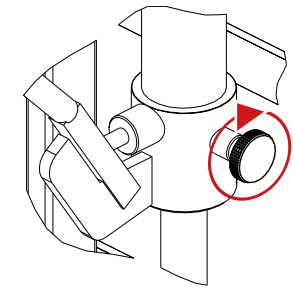
IMPORTANT: Be careful not to over-tighten the straps as this may damage the load if its outer frame casing is weak.

WARNING: Potential crush injury or damage to property. Do not attempt to raise the load without using straps to secure the load.



Straps cross over at rear of load, hooked to the eyebolts with cam buckles behind the Skoots frames

5. Before attempting to lift the load, close the relief valve by turning the valve wheel clockwise on the side of the jacks on both Skoots frames. Do not over tighten as this could damage the jack. The load is now ready for lifting.



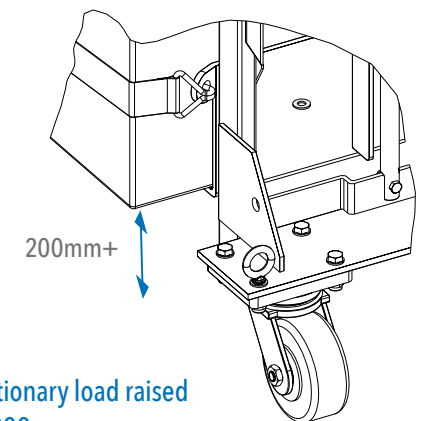
6. Use the pump handles on the jacks maintaining slow, full strokes to raise the load to obtain the minimum ground clearance of about 20mm. Lift evenly, alternating each end to keep the load horizontal.

NOTE: Attempting to lift loads which are greater than SWL will activate the relief valve. Whilst the jack handle can still be pumped, the toe plate will not raise until the load is reduced to within safe SWL.

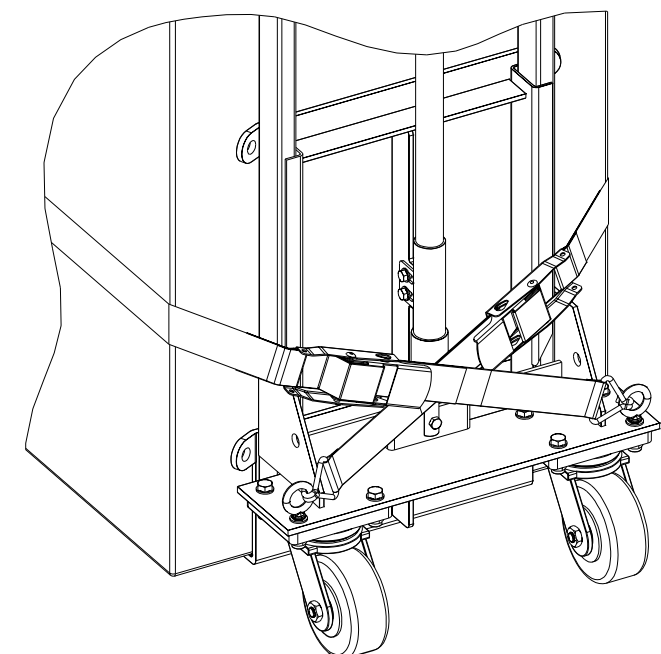
IMPORTANT: The default method of strap engagement crossing straps over behind each frame should be used to raise a low-centre-of-gravity load to no more than 200mm when the load is intended to remain in a stationary position, for example when removing the load from a plinth or block. It should also be used when transporting a load at the minimum ground clearance height of no more than 20mm.

However, if the user wishes to raise the load to a maximum lift height of over 200mm then the straps should be fixed to the Skoots using the eyelets on the toe plate rather than the eyebolts at the rear of the frame before the load is raised. Proceed to raise the load first to the desired height, and then lower it back to the floor when the straps should be reconnected to the eyebolts, crossing the straps over behind the frame before transporting the load.

Never attempt to remove the straps whilst the load is raised, never attempt to transport a raised load at more than the minimum ground clearance level of no more than 20mm and never raise a top-heavy, high-centre-of-gravity load more than 20mm from the floor regardless of strap positions.



Stationary load raised to 200mm+



Then revert to default strapping method before attempting to transport the load...

7. You may now move the load, pushing rather than pulling.

IMPORTANT: For safety, the load should be transported with a minimum ground clearance of around 20mm to reduce the risk of overbalancing.

8. Make sure that control and stability of the load is maintained at all times. On cambers and slopes use the direction locks fitted to the castors.

WARNING: Safety risk assessments by a competent person should be conducted before attempting to transport loaded Skoots on cambers or slopes. Never attempt to push a load over a drop such as a kerb or over a gully.

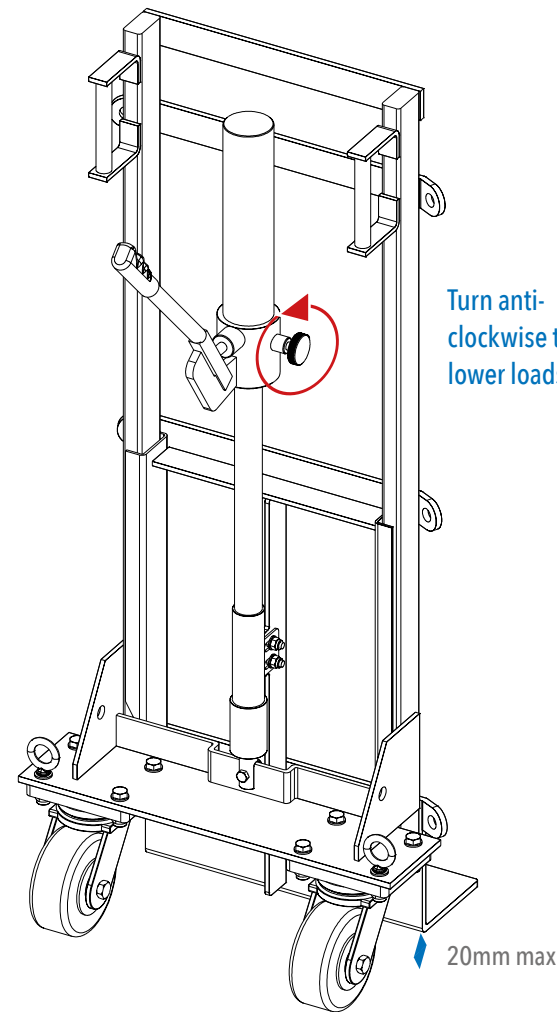
9. Once the load is in position, release the valve wheels approximately one quarter turn anti-clockwise, remembering that the less open the release valves are, the slower the load is lowered.

WARNING: Potential crush injury. Open the valve very slowly to control the rate of descent. Do not lower the load without first checking for obstacles underneath the load.

The load should be lowered in tandem by both users at either end. Be careful to keep the load level continuously as it is being lowered.

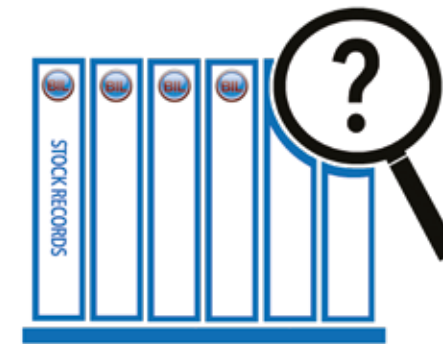
10. Release and remove the straps from the Skoots and then the Skoots from underneath the load.

11. The Skoots units should then be stored in an upright position.

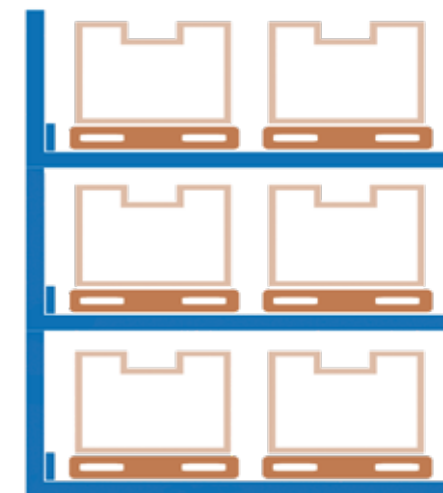


No more than 20mm ground clearance for dynamic loads

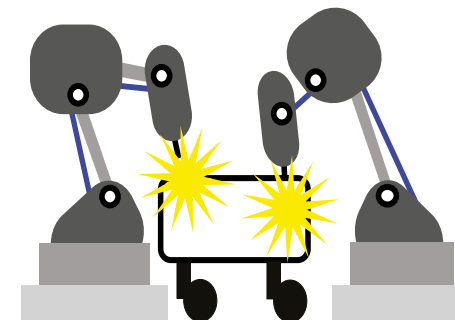
Full batch traceability system for reporting and investigation



Stock valued at over
£1.6 Million at true cost value
making us one of the biggest
Stock Holders in the UK



Manufactured in large
volumes for economies of
scale and stock availability



Our Strict Quality Management System is in place to achieve a consistent high quality output. Rigorous checking procedures throughout the goods in, production, assembly, packing and despatch departments.

In house Auto-CAD design department including 3D printing capability for design and prototyping



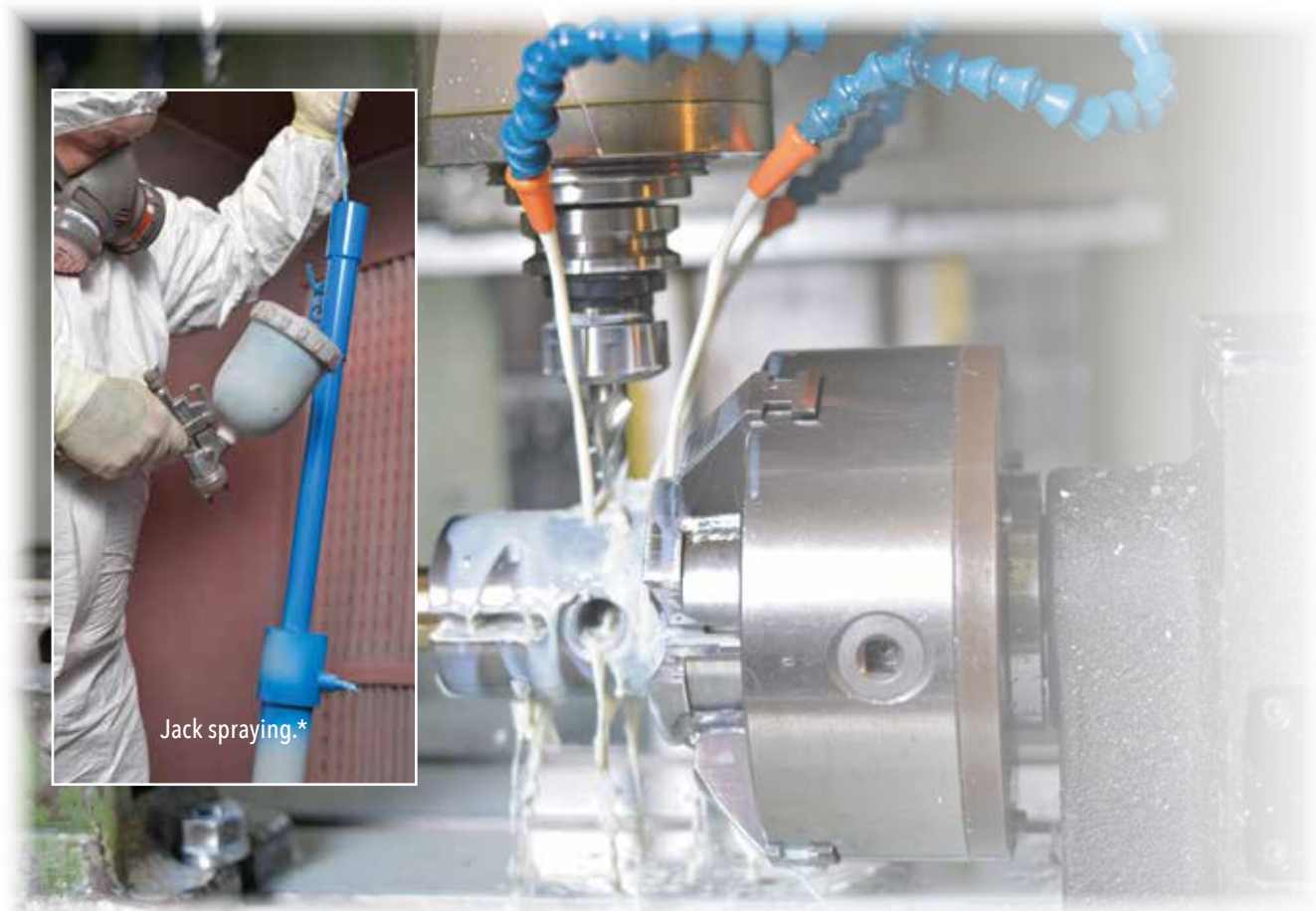
Manufacturing Quality
Innovative Products

Machined & finished to perfection

By skilled machinists and welders

Independent load testing & certification

Extensive field and lab testing to ensure product quality and safety



Jack spraying.*



Skoot frame welding fabrication

* Note: Skoots hydraulic jacks are wet painted.
Skoots frames are coated with a specialist product chosen for exceptional abrasion resistance.

Skoots hydraulic jack machining

By adopting a cross-functional approach to product and process design (APQP Advanced Product Quality Planning) involving the use of CNC Machining Centres, CNC laser profiling and brake presses, combined with skilled machinists and coded welders, we ensure that all component parts are produced to the highest quality standards.



The Skoots brand stamp is our guarantee high quality, innovative products which are built to last. BIL regularly test our Skoots range products, both in the field and in test facilities, as part of a continuing process of refining and improving their reliability and lifespan.

BIL adheres to strict QMS 9001:2015 procedures to achieve the best quality output. Our systems are maintained and audited by third party consultants on a regular basis. Our technical control files have been audited by third party consultants for CE compliance.



Rapid despatch for the UK & beyond

Direct from the manufacturer with ex-stock availability



Fast despatch from our Calne headquarters



BIL UK headquarters sits close to the M4 motorway and freight distribution centres for efficient delivery of our products to home and abroad.

A highly developed network of carefully chosen transport suppliers ensure that BIL can get the goods to your doorstep when you need them to be there.

LOCAL SERVICE ON A NATIONAL SCALE

Technical support delivered by BIL dedicated Area Sales Managers



BIL offer local support via telephone or via personal consultation from your local Area Sales Manager. Strategically situated throughout the UK, our support network is on hand to quickly deal with customer queries when they arise.

BIL vehicle kitted out with all equipment for free on-site demonstrations. Please enquire for more information





MATERIAL HANDLING DIVISION

Alutruk®, Steerable Skates, Jacks, drum handling equipment and cranes

BIL Materials Handling Division also manufacture and supply a range of product handling equipment. We are the preferred supplier to many companies throughout the UK

AluTruk®



MATERIAL HANDLING DIVISION

Steel sack truck, steel trolleys, manual handling equipment, and bespoke solutions

BIL Equipment Division specialise in the design and manufacture of steel sack trucks, steel Trolleys, manual handling equipment and bespoke solution for your Exacting requirements



CASTORS AND WHEELS DIVISION

Castors, wheels, jacking castors, prop jacks, scenery skates and fixings

Established in 1972 as a castor and wheel Distributor we have since evolved into one of the UK's largest Manufacturers and stock holders in our Industry. Our Primary Goal is to simply provide the very best quality castors and wheels for our customers according to our core brand values - Quality, Innovation, Service, Flexibility

