

LOADS
better

CRANE RANGE





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Welcome

Penny Hydraulics has been designing and manufacturing bespoke lifting solutions for more than thirty five years. In this time we have developed a wide range of award winning vehicle mounted lifting equipment many of which were the result of direct consultation with our customers and designing bespoke equipment to satisfy their diverse requirements. These solutions have in turn gone on to become market-leading products.

All Penny Hydraulics products are designed, developed and manufactured to stringent quality and safety standards at our purpose built UK facility. Customers are always welcome to visit our operation first hand, talk to us about their requirements or see their products in build.

Our SwingLift range of cranes starts with capacities as low as 100kg with bespoke boom lengths to suit small car-derived vans, to models with over 4.3 metres of boom reach and capacities over 2000kg. Although already well specified, you can choose additional features from our extensive options lists including manual or hydraulic slewing, proportional hydraulic control or full wireless remote control, additional pillar and rope lengths and hydraulic or electric winches. All are ideal for pickups, dropsides, flatbeds or vans and provide low-cost, reliable service and proven durability.

Other products include the lightweight, aluminium Davit Cranes, specially designed to be demountable and portable for hard-to-reach sites and the GridLift for the safe and efficient cleaning of highway gullies.

Our customer base ranges from sole traders with one vehicle to the largest fleet in Europe and to the major rail, utility, highway, tyre and telecommunications companies. We are also proud to be accredited converters for some of the largest commercial vehicle manufacturers including Volkswagen, Renault and Nissan, which means you can order your lifting equipment at source.

We understand that you need the peace-of-mind of a planned maintenance programme in order to achieve full compliance with European legislation. We offer a choice of extremely cost-effective service packages which include examination and testing to ensure reliable service throughout the life of your investment and compliance with statutory legislation. Additional support is offered in the form of our on-site fitting and training services.

Whether you need a 100kg capacity Gas Bottle crane for a single trailer, a 2000kg capacity crane for an entire fleet or even something that doesn't yet exist, talk to us... and put our ingenuity to the test.

SwingLift V20/V20FME





With their light weight, compact design and range topping 2000kg MWL capacities, our V20 hydraulic cranes combine performance, value for money and safety features including load limiting devices, load limit indicator and choice of remote control operation or proportional fixed controls, all as standard.

FEATURES

- Low crane weight of approximately 263kg maximises payload
- Range topping MWL of 2000kg
- Choice of remote control or fixed proportional hydraulic controls
- Compact design – folds down to king post, maximising floor space
- Integrated, fully enclosed oil tank and motor-pump unit
- Built in overload protection

OPTIONS

- Mounting frame with integral support legs
- BS EN12999 compliant above floor subframe and interlocked support leg/legs
- Full compliance with Bridge Bashing Regulations
- Manual or hydraulic stabiliser legs
- 12 or 24v operation from standard vehicle battery
- Electric or hydraulic winch pack (with PTO)
- Additional pillar height
- Crane slew stops
- Crane attachments available to suit application
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises or by a suitably qualified vehicle body builder



SwingLift V12



The SwingLift V12 is a 1.26 tonne/metre crane. Like its big brother the V20, it includes load limiting devices, load limit indicator and a choice of remote control or proportional fixed controls as standard.

FEATURES

- Low crane weight of approximately 184kg maximises payload
- 1150kg MWL @ 1.1m – 440kg @ 2.9m
 - Choice of remote control or fixed proportional hydraulic controls
- Compact design – folds down to king post, maximising floor space
- Integrated, fully enclosed oil tank and motor-pump unit
- Built in overload protection



OPTIONS

- Mounting frame with integral support legs
- BS EN12999 compliant above floor subframe and interlocked support leg/legs
- Full compliance with Bridge Bashing Regulations
- Manual or hydraulic stabiliser legs
- 12 or 24v operation from standard vehicle battery
- Electric or hydraulic winch pack (with PTO)
- Additional pillar height
- Crane slew stops
- Crane attachments available to suit application
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises or by a suitably qualified vehicle body builder



New! SwingLift FV1200





The new SwingLift FV1200 range is a family of vehicle mounted hydraulic cranes all with 1200kg capacity. Developed in conjunction with one of the leading vehicle manufacturers, its compact design, robust construction and light weight ensure the FV1200 can be easily installed on a wide range of 3.5t+ commercial vehicles to provide reliable and flexible load handling capabilities. The fixed boom model has a reach of 1.5 metres, extending to 2.4 metres.

FEATURES

- Low crane weight of approximately 190kg maximises payload
- Compact design, integral oil tank and motor pump unit maximises load space
- Choice of fixed proportional hydraulic controls or remote control as standard
 - Built in overload protection



OPTIONS

- Mounting frame with integral support legs
- BS EN12999 compliant above floor subframe and interlocked support leg/legs
- Full compliance with Bridge Bashing Regulations
- Manual or hydraulic stabiliser legs
- 12 or 24v operation from standard vehicle battery
- Electric or hydraulic winch pack (with PTO)
- Additional pillar height
- Crane slew stops
- Crane attachments available to suit application
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises or by a suitably qualified vehicle body builder

New! SwingLift FV1200/1H



The Swing Lift FV1200/1H, with single hydraulic extension, is a fully hydraulic 1200kg capacity vehicle mounted crane with a boom reach of 2.5 metres. It is designed for a wide range of load handling applications including service, engineering and deliveries and can be installed on a wide range of 3.5t+ commercial vehicles.

FEATURES

- Low crane weight of approximately 195kg maximises payload
- Compact design, integral oil tank and motor pump unit maximises load space
- Choice of fixed proportional hydraulic controls or remote control as standard
 - Built in overload protection



OPTIONS

- Mounting frame with integral support legs
- BS EN12999 compliant above floor subframe and interlocked support leg/legs
- Full compliance with Bridge Bashing Regulations
- Manual or hydraulic stabiliser legs
- 12 or 24v operation from standard vehicle battery
- Electric or hydraulic winch pack (with PTO)
- Additional pillar height
- Crane slew stops
- Crane attachments available to suit application
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises or by a suitably qualified vehicle body builder



New! SwingLift FV1200/2H





The double hydraulic extension FV1200/2H is a fully hydraulic 1200kg capacity vehicle mounted crane with a boom reach of 3.5 metres.

FEATURES

- Low crane weight of approximately 235kg maximises payload
- Compact design, integral oil tank and motor pump unit maximises load space
- Choice of fixed proportional hydraulic controls or remote control as standard
 - Built in overload protection



OPTIONS

- Mounting frame with integral support legs
- BS EN12999 compliant above floor subframe and interlocked support leg/legs
- Full compliance with Bridge Bashing Regulations
- Manual or hydraulic stabiliser legs
- 12 or 24v operation from standard vehicle battery
- Electric or hydraulic winch pack (with PTO)
- Additional pillar height
- Crane slew stops
- Crane attachments available to suit application
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises or by a suitably qualified vehicle body builder

New! SwingLift FV1200/1M





The Swing Lift FV1200/1M has a double hydraulic boom and a single manual extension. It has a 1200kg capacity and a boom reach of 4.3 metres.

FEATURES

- Low crane weight of approximately 270kg maximises payload
- Compact design, integral oil tank and motor pump unit maximises load space
- Choice of fixed proportional hydraulic controls or remote control as standard
 - Built in overload protection



OPTIONS

- Mounting frame with integral support legs
- BS EN12999 compliant above floor subframe and interlocked support leg/legs
- Full compliance with Bridge Bashing Regulations
- Manual or hydraulic stabiliser legs
- 12 or 24v operation from standard vehicle battery
- Electric or hydraulic winch pack with PTO
- Additional pillar height
- Crane slew stops
- Crane attachments available to suit application
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises or by a suitably qualified vehicle body builder

SwingLift BS EN12999 Kit

The new BS EN12999 legislation means we now offer a kit of parts which can be fitted to lorry loader cranes with a capacity over 1000kg. Sensors and interlocks, connected to warning lights and buzzers to alert the operator in the cab, monitor when the main support leg is out and down, before the crane can be used. Another sensor shows when the crane is stowed in its travelling position. The system also covers the latest Bridge Bashing Regulations.

This harmonised standard came into force in April 2011 and supersedes BS EN 12999:2002. Although not law, the British Standard is adopted as important guidance and is a supplementary means for loader cranes to conform to the essential health and safety requirements of the Machinery Directive 2006/42/EC.

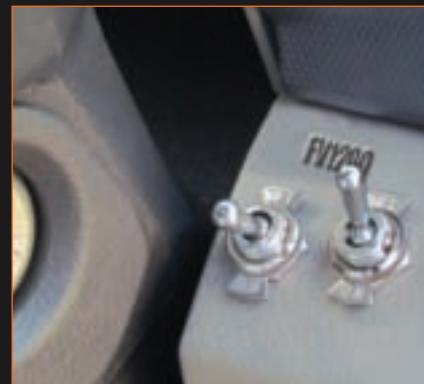
As well as setting out parameters for the structural calculations of the crane, BS EN 12999:2011 also sets out mechanical arrangements, limiting and indicating devices which are particularly important to the fitting of the crane and any required stabilising legs to the vehicle.

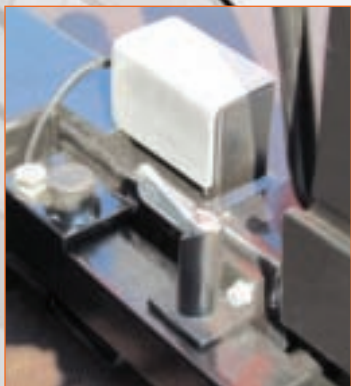
Section 5.4 of the standard gives guidance on how to ensure the crane and stabiliser legs, where required, ensure the stability of the vehicle, are correctly deployed for use and adequately secured during transport. Manually operated stabilisers are to be locked in the transport position by two separate locking devices and it should be clearly visible to the operator when these locking devices are in the locked or unlocked position. The Penny Hydraulics sub-frame, whether fitted above or below floor is fully equipped with suitable devices to comply with this standard.

Section 5.6 gives guidance on the indicating devices of the crane. For cranes with a rated capacity of over 1000kg an audible and visible warning is required in the cab to indicate when the stabilisers are not locked, or stowed in the transport position. Where stabilisers are required the deployment of the leg should be included in the system of a rated capacity limiter. Our cranes do not have variable limiting devices; we ensure the vehicle will be stable with the crane at full capacity at full reach and link the crane in such a way as to ensure the boom will not raise or extend unless the fitted stabiliser legs are extended and deployed.

Statutory Instrument 1997 No. 530 – Road Vehicle (Construction and Use) (Amendment) Regulations 1997 – Bridge Bashing

Statistics show that every year there are over 2,000 incidents involving “bridge bashing”. Therefore, in line with Regulation 10, all our cranes which have a maximum height of over 3 metres are fitted with an audible warning in the cab to inform the driver when the crane is not in its stowed position.





INTERLOCKED SUPPORT LEG FITTING EXAMPLES

To ensure that the vehicle is stable when the crane is at its maximum tipping moment, stability calculations are required. Below are three different vehicle examples where the crane is fitted near side front. On each installation the support leg on the side nearest the crane must be pulled out to full extension and there is a second leg on the far side of the vehicle which only needs to be dropped down at the side of the vehicle without any extension to increase the usability.

Ford Transit 350 MWB Chassis Cab SRW 2.2TDCi 100ps

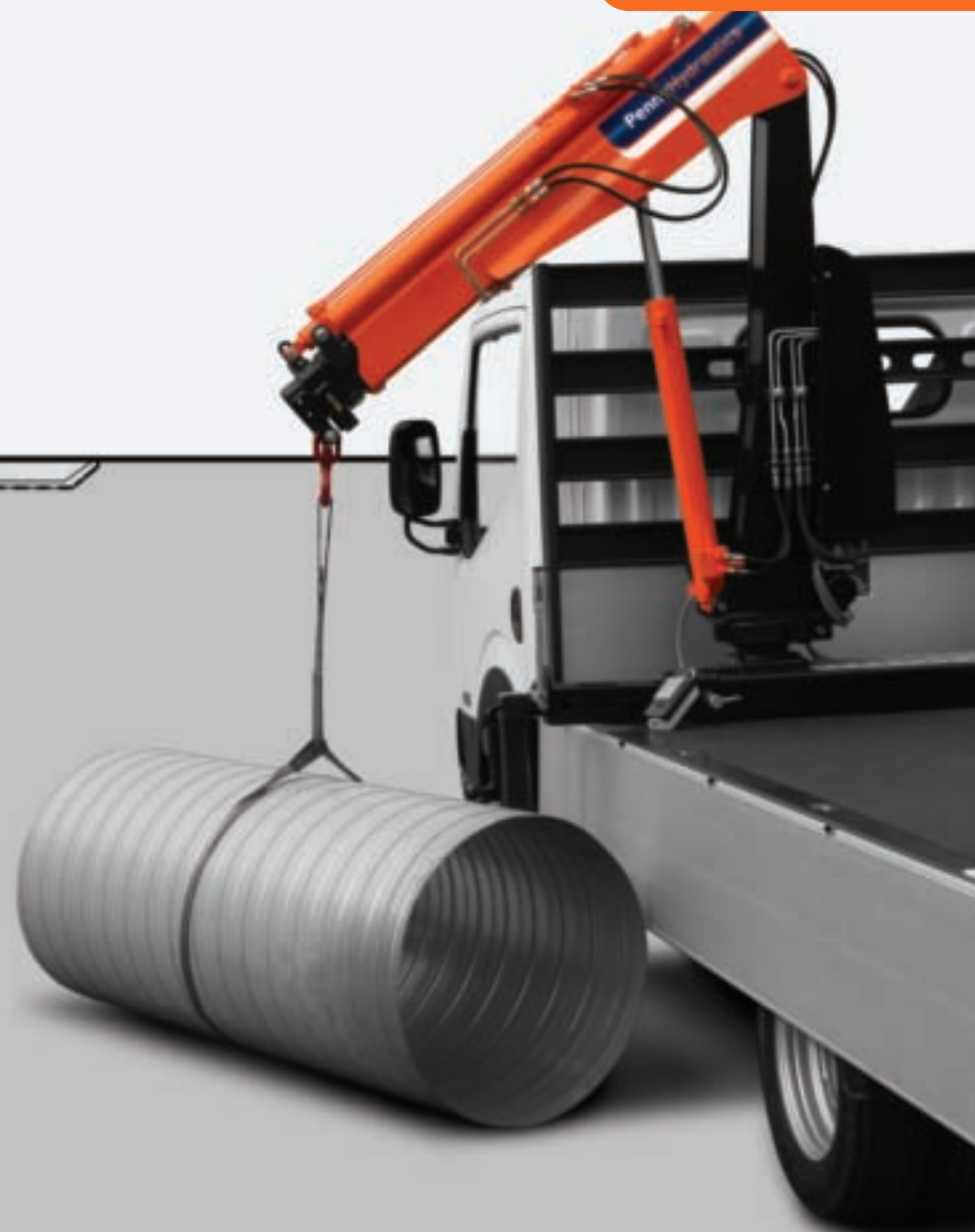
- V12 can be rated as standard
- FV1200 can be rated as standard
- V20 would have to be down-rated to 1555kg at 1.4m, 935kg at 2.3m and 600kg at 3.5m

Nissan Cabstar chassis cab 35.14 MWB Double wheel YD25DDTi (Mi) 6S

- V12 can be rated as standard
- FV1200 would have to be down-rated to 1015kg at 1.6m, 575kg at 2.5m, 400kg at 3.5m and 250kg at 4.3m
- V20 would have to be down-rated to 1035kg at 1.4m, 625kg at 2.3m and 400kg at 3.5m

Renault Master Chassis Single Cab FWD L2

- V12 can be rated as standard
- FV1200 can be rated as standard
- V20 would have to be down-rated to 1555kg at 1.4m, 935kg at 2.3m and 600kg at 3.5m



New! SwingLift FV995

FV995 | FV995/1H | FV995/2H | FV995/1M





The new SwingLift FV995 range has been introduced to meet demand from customers for a fully hydraulic crane with near one-tonne capability but who do not want or need the added cost and complexity demanded by the new BS EN12999 Regulations. With a maximum boom reach of 4.3 metres it is designed for a wide range of load handling applications including construction, service, engineering and deliveries. Its compact design, robust construction and light weight ensure the FV995 can be easily installed on a wide range of 3.5t+ commercial vehicles to provide reliable and flexible load handling capabilities.

FEATURES

- Low crane weight, maximising payload
- Compact design, integral oil tank and motor pump unit maximises load space
- Choice of fixed proportional hydraulic controls or remote control as standard
 - Built in overload protection



OPTIONS

- Mounting frame with integral support legs
- Compliance with Bridge Bashing regulations
- Manual or hydraulic stabiliser legs
- 12 or 24v operation from standard vehicle battery
- Electric winch pack
- Crane slew stops
- Crane attachments available to suit application
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises or by a suitably qualified vehicle body builder

New! SwingLift FV500

Pickup Type





The new SwingLift FV500 removes the risks associated with climbing on and off vehicles. Its remote control and hydraulic operation offer precise and safe handling. The standard heavy duty 500kg capacity hoist allows vertical below ground handling making it the ideal solution for local authorities, highways and utilities.

FEATURES

- Suitable for pickup and chassis applications
 - Low crane weight of approximately 119kg maximises payload
- Compact design, integral oil tank and motor pump unit maximises load space
 - Remote control as standard
 - Fully hydraulic operation - boom raise, lower, extension and slew
- Electric winch for below ground applications
 - Built in overload protection
 - Lifts 500kg in all boom positions

OPTIONS

- Mounting frame with integral support legs
- Manual or hydraulic stabiliser legs
- 12 or 24v operation from standard vehicle battery
- Extra rope length up to 40'/12m
- Additional pillar height
- Crane slew stops
- Battery protection
- Lifting accessory kit
- BS EN12999 compliance kit
- Easily installed at our own premises, on site or by a vehicle body builder



New! SwingLift FV500

Van Type



The van type FV500 was the first fully hydraulic 500kg capacity vehicle mounted crane. Our latest model incorporates hydraulic slew, boom raise, lower and extension for controlled, precise and safe handling. Designed for a wide range of applications including service, engineering and deliveries, its compact design, robust construction and light weight ensure the FV500 can be installed on a wide range of commercial vehicles to provide reliable and flexible load handling capabilities. Its 500kg capacity hoist allows vertical below ground work, making it the ideal solution for local authorities, highways and utilities.

FEATURES

- Suitable for van applications
- Low crane weight, maximising payload
- Compact design, integral oil tank and motor pump unit maximises load space
 - Remote control as standard
- Fully hydraulic operation - boom raise, lower, extension and slew
- Electric winch for below ground applications
 - Built in overload protection
- Lifts 500kg in all boom positions

OPTIONS

- Manual or hydraulic stabiliser legs
- 12 or 24v operation from standard vehicle battery
- Extra rope length up to 40'/12m
- Crane slew stops
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises, on site or by a vehicle body builder

Please note that nearside and offside fittings require a different crane, pillar and fitting kit. It is not always possible to raise the crane boom to its highest position inside a van.





SwingLift F500



An extremely compact, 500kg capacity electric crane for pickups, dropsides and flatbeds ideally suited where space and payload are at a premium. The heavy duty winch ensures reliability and extended duty cycle.

FEATURES

- Low crane weight of approximately 75kg maximises payload
 - Lifts 500kg in all configurations of boom position
 - Remote control
 - Built in overload protection
- Compact design maximises floor space and payload
 - Manual boom extension with three height settings



OPTIONS

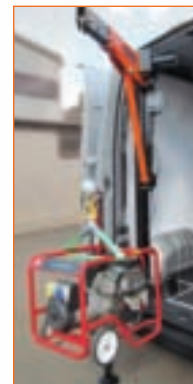
- 12v or 24v operation from vehicle battery
- Manual or hydraulic stabiliser leg
- Radio remote control
- Extra rope length up to 12m/40'
- Additional pillar height
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises, on site or by a vehicle body builder



SwingLift ML500SB

Van Type





A demountable 500kg Swing Lift for lifting goods into vans. The heavy duty winch ensures reliability and extended duty cycle making it the ideal choice for multi-drop applications.

FEATURES

- Lifts 500kg in all configurations of boom position
- Low crane weight of approximately 82kg
 - Remote control
 - Easily demountable
- Built in overload protection
- Compact design folds away when not in use
 - Manual boom extension with three height settings



OPTIONS

- 12v or 24v operation from vehicle battery
- Extra rope length up to 12m/40'
- Manual stabiliser leg
- Radio remote control
- Additional pillar height
- Battery protection
- Lifting accessory kit
- Cranked hinge for even greater flexibility
- Easily installed at our own premises, on site or by a vehicle body builder

Please note that nearside and offside fittings require a different crane, pillar and fitting kit. It is not always possible to raise the crane boom to its highest position inside a van.

SwingLift ML500LB

Van Type



The ML500LB is a demountable 500kg Swing Lift for lifting goods into vans. Its extra boom reach coupled with the snatch block and heavy duty winch make it the perfect tool for cost-effective below ground handling for the utility and construction industry.

FEATURES

- Lifts 500kg in all configurations of boom position
- Low crane weight of approximately 86kg
 - Remote control
 - Demountable
- Built in overload protection
- Compact design folds away when not in use
- Manual boom extension with three height settings



OPTIONS

- 12v or 24v operation from vehicle battery
- Extra rope length up to 12m/40'
- Manual stabiliser leg
- Radio remote control
- Battery protection
- Lifting accessory kit
- Cranked hinge for even greater flexibility
- Easily installed at our own premises, on site or by a vehicle body builder

Please note that nearside and offside fittings require a different crane, pillar and fitting kit. It is not always possible to raise the crane boom to its highest position inside a van.



SwingLift ML500LB

Pickup Type





A long boom version of our popular ML500, this demountable 500kg crane for pickups, flatbeds and dropsides is ideal for loading items of plant such as motors, pumps and compressors.

FEATURES

- Lifts 500kg in all configurations of boom position
 - Remote control
 - Easily demountable
- Low crane weight from 76kg
 - Overload protection
- Compact design folds away when not in use
 - Manual boom extension with three height settings



OPTIONS

- 12v or 24v operation from vehicle battery
- Extra rope length up to 12m/40'
- Manual stabiliser leg
- Radio remote control
- Additional pillar height
- Battery protection
- Lifting accessory kit
- Socket mounting
- Easily installed at our own premises or by a suitably qualified vehicle body builder

SwingLift ML250

Pickup Type



The ML250 is a lightweight, demountable electric crane for pickups and dropsides. Its compact size is ideal where space is limited and with a 250kg capacity it can lift heavy items quickly and easily off and onto vehicles.

FEATURES

- Lifts 250kg in all configurations of boom position
- Low crane weight of approximately 50kg
 - Remote control
 - Easily demountable
- Built in overload protection
- Compact design folds away when not in use



OPTIONS

- Corner bracket for mounting direct to headboard
- 12v or 24v operation from vehicle battery
- Above or below floor socket mounting
- Radio remote control
- Extra rope length - 9m/30' up to 250kg
- Additional pillar height
- Easily installed at our own premises, on site or by a vehicle body builder
- Manual stabiliser leg
- Battery protection
- Lifting accessory kit



SwingLift ML250

Van Type





This is the van type version of the ML250. Its fully demountable design and wide range of options make it a versatile and cost-effective load handling solution.

FEATURES

- Lifts 250kg in all configurations of boom position
- Low crane weight of approximately 48kg
 - Remote control
 - Easily demountable
 - Built in overload protection
- Compact design folds away when not in use



OPTIONS

- 12v or 24v operation from vehicle battery
- Radio remote control
- Extra rope length - 9m/30' up to 250kg
- Easily installed at our own premises, on site or by a vehicle body builder
- Manual stabiliser leg
- Battery protection
- Lifting accessory kit

Please note that nearside and offside fittings require a different crane, pillar and fitting kit. It is not always possible to raise the crane boom to its highest position inside a van.

New! SwingLift KJ250/2RPT

Pickup Type



The new KJ250/2RPT is a two metre knuckle-joint crane offering even greater flexibility, reliability and durability. It offers an efficient and cost-effective means of handling loads for pickups, dropsides and larger trucks and can be operated from the ground, eliminating the risks associated with climbing up onto vehicles. 360° slew means the RPT can be fitted at the rear of the vehicle body.

FEATURES

- 2m boom length with 2 pivot points - a total radius of 4m
 - Lifts up to 250kg
 - Overload device
- Low crane weight of approximately 100kg
 - Compact design
 - Can be re-fitted to new or replacement vehicles
- Can be deployed and operated from ground level



OPTIONS

- A range of kerb and bollard handlers available
- 150kg MWL version also available
- 12v or 24v operation from vehicle battery
- Radio remote control
- Additional pillar height
- Extra rope length - 9m/30' up to 250kg
- Manual stabiliser leg
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises, on site or by a vehicle body builder



SwingLift KJ250/2GHT

Pickup Type





The KJ250/2GHT can be fitted directly to the vehicle headboard to save floor space and is ideal for tipper vehicles. Its two metre boom and two pivot points mean the operator can carry out lifts within a four metre radius.

FEATURES

- Built in overload protection
 - Compact design
- Low crane weight of approximately 78kg maximises payload
- Can be re-fitted to new replacement vehicles
 - Easy to operate
- Versatile - can be used to lay kerbstones as well as lift general plant such as whacker plates and compressors



OPTIONS

- A range of kerb and bollard handlers available
- 150kg MWL version also available
- 12v or 24v operation from vehicle battery
- Radio remote control
- Corner bracket for mounting direct to headboard
- Pillar mounting
- Additional pillar height
- Extra rope length - 9m/30' up to 250kg
- Manual stabiliser leg
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises, on site or by a vehicle body builder

SwingLift KJ250/1LRH



Specially designed to be fitted to vehicles with low roof height and where interior space is tight, these knuckle-joint cranes offer complete flexibility, allowing loads to be positioned accurately anywhere within their radius. Also available with a 1.5 metre radius.

FEATURES

- Lifts up to 250kg – ideal for gas bottles, whacker plates and small items of plant
 - Built in overload protection
- Low crane weight of approximately 52kg
 - Compact design maximising vehicle floor space
- Fully demountable – can be deployed on other vehicles or removed altogether, therefore maintaining maximum fleet flexibility
- Can be re-fitted to new replacement vehicles
 - Easy to operate one-man operation with minimal moving parts

OPTIONS

- 100kg and 150kg versions also available
- 12v or 24v operation from vehicle battery
- Wireless remote control
- Corner bracket for mounting direct to the vehicle headboard
- Cranked hinge available allowing even greater flexibility
- Additional pillar height
- Extra rope length – 9m/30' up to 250kg
- Battery protection
- Lifting accessory kit
- Easily installed at our own premises, on site or by a vehicle body builder





SwingLift KJ250/1.5

Van Type





The KJ250/1.5 is a one-and-a-half metre knuckle-joint crane offering a complete handling solution, combining simplicity, reliability and proven durability. It provides a safe, efficient and cost-effective means of handling loads for all types of vehicle.

FEATURES

- Lifts up to 250kg
- Ideal for general items of plant including whacker plates & compressors
- 1.5 metre boom plus 2 pivot points means operator can carry out lifts within a 3 metre radius
- Overload device - will not lift more than MWL
 - Low crane weight of approximately 72kg
 - Compact design maximising vehicle floor space
- Fully demountable - can be deployed on other vehicles or removed altogether, therefore maintaining maximum fleet flexibility
- Can be re-fitted to new or replacement vehicles
 - Easy to operate



OPTIONS

- 12v or 24v operation from vehicle battery
- Radio remote control
- Corner bracket for mounting direct to headboard
- Cranked hinge available allowing even greater flexibility
- Additional pillar height
- Extra rope length - 9m/30' up to 250kg
- Battery protection
- Lifting accessory kit

SwingLift KJ250/1

Van Type



The KJ250/1 is a 250kg capacity knuckle-joint crane for vans. It is ideal for handling general items of plant such as pumps and compressors and can position loads anywhere within a two metre radius.

FEATURES

- Lifts up to 250kg
- Ideal for general items of plant such as whacker plates and generators
- 1 metre boom plus 2 pivot points means operator can carry out lifts within a 2 metre radius
- Overload device - will not lift more than MWL
- Low crane weight of approximately 52kg
 - Compact design maximising vehicle floor space
- Fully demountable - can be deployed on other vehicles or removed altogether, therefore maintaining maximum fleet flexibility
- Can be re-fitted to new or replacement vehicles
- Easy to operate



OPTIONS

- 12v or 24v operation from vehicle battery
- Radio remote control
- Cranked hinge available allowing even greater flexibility
- Additional pillar height
- Extra rope length - 9m/30' up to 250kg
- Battery protection
- Lifting accessory kit



SwingLift Hotbox KJ





The Hotbox KJ is a variation on design of the knuckle-joint crane and was designed to lift gas bottles and other ancillary items onto hotbox vehicles. It has a maximum working load of 250kg and is extremely popular with local authorities and utility companies.

FEATURES

- Lifts up to 250kg
- Ideal for gas bottles and ancillary items
- 2 metre boom plus 2 pivot points means operator can carry out lifts within a 4 metre radius
- Overload device - will not lift more than MWL
- Low crane weight of approximately 50kg
- Compact design maximising vehicle floor space
- Fully demountable
- Can be re-fitted to new or replacement vehicles
- Easy to operate



OPTIONS

- 12v or 24v operation from vehicle battery
- Radio remote control
- Above or below floor socket mount
- Corner bracket for mounting direct to headboard
- Additional pillar height
- Extra rope length - 9m/30' up to 250kg
- Battery protection
- Lifting accessory kit

New! SwingLift DC500



Light weight, robust construction and ease of use combine to provide users with a portable, effective and versatile load handling tool. The DC500 has a capacity of 500kg and is available with fall arrest capability, electric hoists that simply plug into the vehicle or pump control box and boom extensions. A davit crane is the perfect choice for below ground handling when vehicle access is impractical.

FEATURES

- Lightweight and portable
- Manufactured from high strength aluminium
 - 500kg MWL
- Robust construction
- Self-contained within a carry bag for ease when working on remote sites
 - Helps prevent the risk of injury through manual handling and working over deep wells



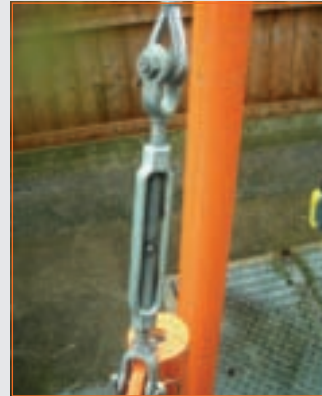
OPTIONS

- Fall arrest points
- Industry standard base socket
- 500kg 12 or 24v hoist with built in overload protection and remote control
- Manual chain block and shackles
- Boom extension with up to 2020mm reach
- Extra rope length - up to 40'/12m
- Lifting accessory kit
- Fall arrest kit



SwingLift DC995





The DC995 is our higher capacity davit crane and is the perfect choice for below ground handling when vehicle access is impractical.

FEATURES

- Lightweight and portable
- Manufactured from high strength aluminium
 - 995kg MWL
- Robust construction
- Self-contained within a carry bag for ease when working on remote sites
- Helps prevent the risk of injury through manual handling and working over deep wells



OPTIONS

- Fall arrest points
- 500kg 12 or 24v hoist with built in overload protection and remote control
- Manual chain block and shackles
- Boom extension up to 1900mm reach
- Extra rope length - up to 40'/12m
- Lifting accessory kit
- Fall arrest kit
- Industry standard base socket

SwingLift CC100



A lightweight, corner mounted crane for loading plant, signage or chemical drums where space is at a premium. Ideal for mounting inside pod style mobile workshops or on headboards between the cab and the body.

FEATURES

- 250kg MWL
- Low crane weight of approximately 20kg
- Remote control
- Built in overload device
- Fully demountable, maintaining fleet flexibility
- Light weight pillar available for pod vehicles or corner bracket for headboard mounting
- Easily installed at our own premises or by a vehicle body builder

OPTIONS

- Radio remote control
- 12v or 24v operation from vehicle battery
- Pillar or corner bracket
- Extra rope length
- Battery protection
- Lifting accessory kit





SwingLift GBC100





Designed specifically for the gas bottle industry this crane provides a fast, efficient and safe solution for handling gas bottles. Gas bottle cranes reduce the risk of injury to employees, improve productivity by speeding up deliveries and collections allowing one man operation.

FEATURES

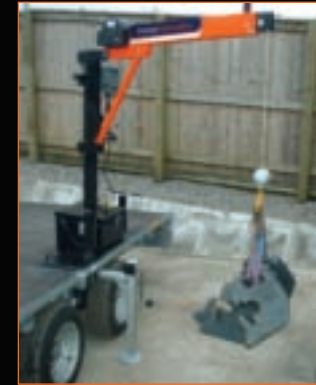
- 100kg MWL
- Specially designed "fast" up and down action
 - Overwind cut-out allowing safe, speedy operation
 - Easy swing action utilising precision bearings
 - Height to suit tallest cylinders
 - Remote control
- Low crane weight of approximately 43kg
- Built in overload protection

OPTIONS

- Radio remote control
- 12v or 24v operation from vehicle battery
- Extra rope length
- Battery protection
- Lifting accessory kit



SwingLift Trailer Cranes



Penny Hydraulics manufactures a wide range of cranes suitable for trailer mounting. Whether it's a special crane for military applications, a bespoke hydraulic crane tailored to your specific requirements or the standard range of electric and hydraulic SwingLifts from the product range, we have the right crane for the job.

When specifying a trailer mounted crane, please note that stability calculations will need to be carried out prior to order and installation. A suitable sub-frame will be required for all cranes and multiple support legs may be required. The trailer should be of suitable structure with an adequate capacity for the load and crane installation, taking into account that the crane will be tested at 1.25 x its Maximum Working Load. Care should be given to the number of axles and the position of the crane installation which will alter the nose weight of the trailer.





SwingLift All Terrain Cranes





Penny Hydraulics design and manufacture a diverse range of cranes to suit both military spec and domestic all terrain vehicles, including Kawasaki Mules, Unimogs, Land Rover's and Polaris Quad Bikes. Crane applications vary from the V20 and FV1200 with 2 tonne capacity and 4.3 metre boom reach for loading, heavy plant, machinery and even tank batteries, to the Miniloader 150, fitted to all-terrain quads to aid the repair and service of firing range target motors and gearboxes.

Domestic applications include cranes and winches for farming and forestry activities in remote areas where standard vehicles fitted with lifting and winching equipment would prove inadequate.

Hydraulic cranes can be specified with a choice of remote control or fixed proportional controls and can be powered via an electro-hydraulic power pack or the vehicle PTO.

Electric cranes can be simply powered via the vehicle's own 12 or 24 volt battery and controlled via a wander lead remote control or optional radio remote.

All Penny Hydraulics cranes can be painted or powder coated to individual customer specifications where required.

New! The award winning GridLift GL250



The new GridLift is designed for installation on highway maintenance vehicles such as gully tankers and jetters, for lifting heavy covers out of the way and to provide clear access for safe, efficient cleaning and maintenance. Crews can clear more gullies in the same period with greater safety, each operation taking only around two minutes.

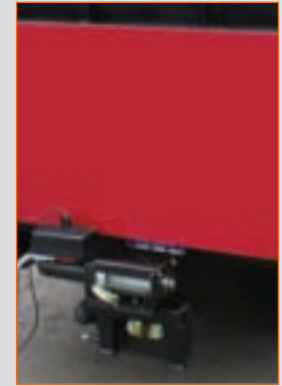
FEATURES

- 250kg lifting capacity makes light work of seized covers which have been impossible to free by conventional equipment
- Replaces alternative cover handling equipment such as electric winches or pneumatic wire rope systems which can be difficult to use and even unsafe
- Hydraulic rams extend and retract the lifter to raise and lower the gully lid with no recoil
- Smooth, precise and accurate movements for the best possible combination of performance and safety
- Designed to pivot so that the cover can be moved aside for easy access and cleaning of the gully
- Separate frame locks into place on the end of the vertical arm and attaches securely to the gully cover by simple twist clips that can accommodate castings with different profiles
- Remote control key pad allows maintenance crews to stand safely away from any moving parts during lifting and lowering
- Two independent locking pins secure the device safely in the retracted position when the vehicle is moving to comply with vehicle safety regulations





Winches





We supply a wide range of electric and hydraulic winches - from our own range as well as from Warn and Superwinch - for all sorts of commercial vehicles. Our cost effective electric winches are ideal for light duty applications, whilst our hydraulic winches offer controlled power and are especially suited to arduous and heavy duty applications. All our winches provide additional load handling capabilities for service and delivery applications.

TYPES

- Electric winches
- Hydraulic winches
- Mechanical drive winches
 - Air powered winches
- Hand operated winches



FEATURES

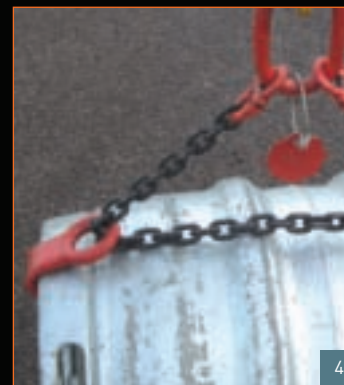
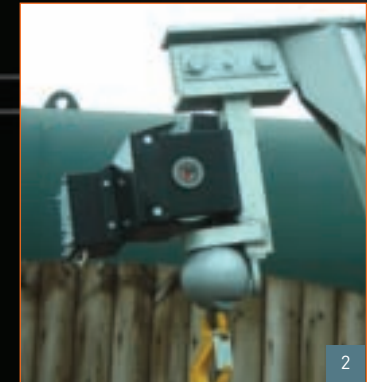
- Nationwide coverage
- Service, repairs and product support
- Wide product range with large stocks
- Prompt delivery
- Competitive prices
- 12/24V DC
- 110/240/415V AC

Lifting Accessories

Penny Hydraulics supply a wide range of lifting accessories including slings, shackles and special attachments such as kerb grabs, barrel slings and dumpy bag lifters.

You can also buy replacement parts direct from the Penny Hydraulics website - <https://shop.pennyhydraulics.com>

We stock everything from wire ropes and solenoids to complete boom assemblies, winch motors and remote controls.





6



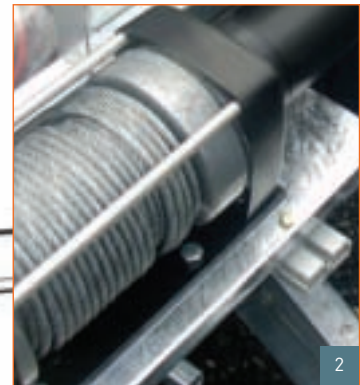
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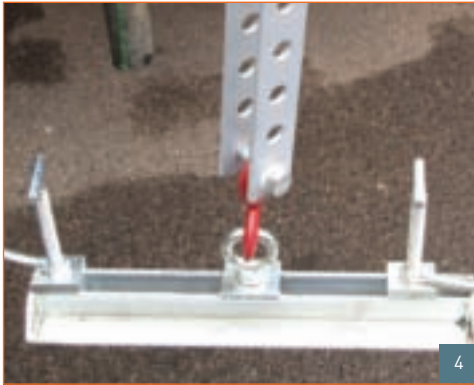


Main image: dumpy bag attachment on SwingLift V12

1 electric winch pack option; 2 davit crane winch; 3 dumpy bag lifter;
4 barrel chain; 5 chiller crane; 6 oil drum strap; 7 oil drum grab

Lifting Accessories





Main image: oil drum attachment on SwingLift ML500

1 rubble tipper; 2 PH60FW trailer winch; 3 lifting accessory kit bag;
 4 grid lift, spreader bar and keys; 5 standard kerb grab; 6 end to end kerb grab;
 7 long handled kerb grab; 8 vacuum lifter; 9 slab lifter with trolley; 10 slab lifter carriage for crane use



Service, training & on-site fitting

Service

Current legislation requires that each item of lifting equipment be thoroughly examined at least once in every 12 month period by a competent person. Our service contract will ensure continued, safe, reliable use of the equipment and full compliance with current legislation.

Key benefits of a Penny Hydraulics service contract include...

- **Combined maintenance and statutory inspection**
saves time and money
- **Nationwide coverage**
- **Statutory inspections completed**
- **OEM spares available ex-stock**
- **High first time fix rate**
- **Reduced vehicle downtime**

Training

The latest health & safety legislation requires that all employers ensure all people using or supervising the use of work equipment have received adequate training in method, risk and precautions.

Penny Hydraulics offer nationwide training by qualified instructors for their comprehensive range of lifting equipment. Training includes practical and theoretical input from the delegates with a certificate of competence issued on successful completion of the course.

On-site fitting

As well as a nationwide network of service engineers who will service and maintain your lifting equipment, Penny Hydraulics also offer a national on-site fitting service. Not only does this ensure the correct installation of your crane or lift, it minimises your vehicle movement and downtime.

Thank you for taking the time to look through this brochure - we hope it has been of interest and that you have found a product that will meet your needs.

Remember, as well as offering unbeatable features and superb value for money, every one of our products also delivers...

- **Increased productivity**
- **Increased efficiency**
- **Increased flexibility of labour**
- **Reduced injury claims**
- **Reduced damage to equipment and property**
- **Reduced vehicle down time**
- **Full compliance with manual handling regulations and current HSE guidelines**

We look forward to being of service.



FREE
NO OBLIGATION
DEMOS
call 01246 811475
to arrange yours



What our customers say

Here at Penny Hydraulics there is one thing that matters above all else - delivering lifting solutions that exceed our customers' expectations.

This is what some of them had to say...

"Penny Hydraulics worked closely with Shropshire Fire & Rescue Service to adapt their existing product to create a new equipment module lift system. From the start of the project they were open to the diverse requirements of the vehicle and equipment and this created a good working partnership in the early development stage".

Assistant Divisional Officer, Shropshire Fire & Rescue Service

"We wanted a supplier with the tyre handling products and nationwide support to match our own operations. Nobody has the combination of products and support offered by Penny Hydraulics".

Group Vehicle & Equipment Manager, ATS Euromaster

"Penny Hydraulics couldn't have been more helpful. They listened to what we had to say and came up with a solution".

Sutton Harbour Company

"I would just like to say thank you very much to everybody at Penny Hydraulics. The lift is fantastic and I am sure it will be very useful. Also, thank you for such quick service doing the change-over. Your customer service is the best we have ever known and we will be highly recommending you and your products".

I G Dungey & Son

"Penny Hydraulics provide us with the information and support we need to make sure we are specifying the right equipment for a particular job".

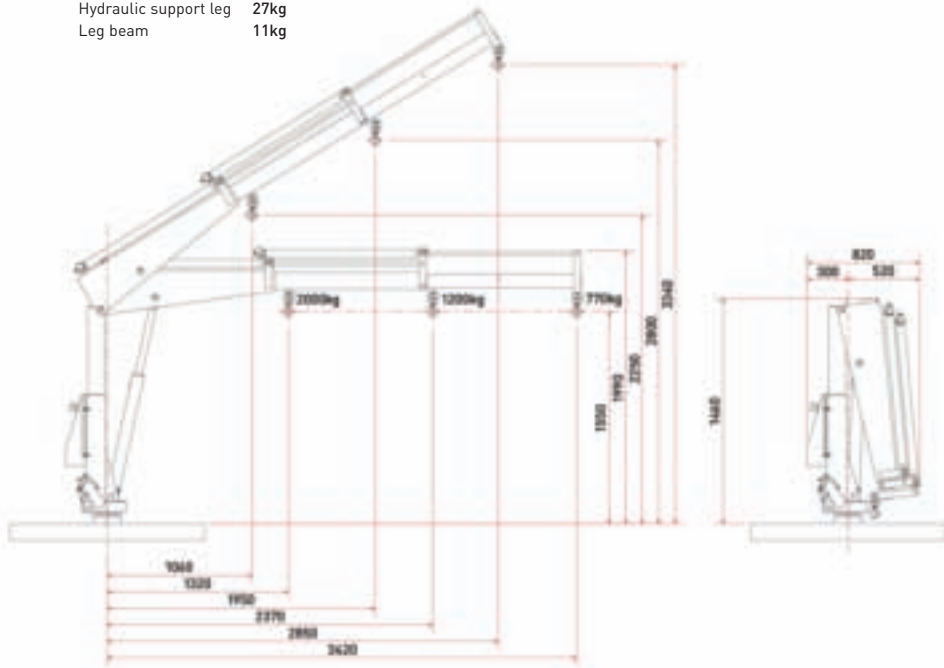
Sales Manager, Fleet Tip



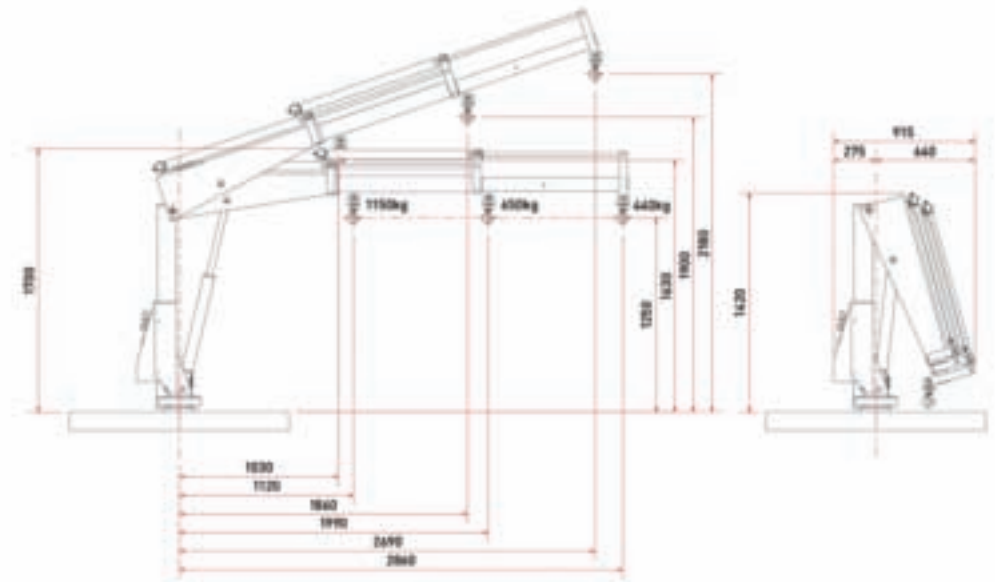
All dimensions in millimetres
All weights to the nearest kilogram
E & OE

All dimensions in millimetres
All weights to the nearest kilogram
E & OE

Rating	2.8 tonne metres
Crane	263kg
Above floor subframe	70kg
Manual support leg	11.5kg
Hydraulic support leg	27kg
Leg beam	11kg

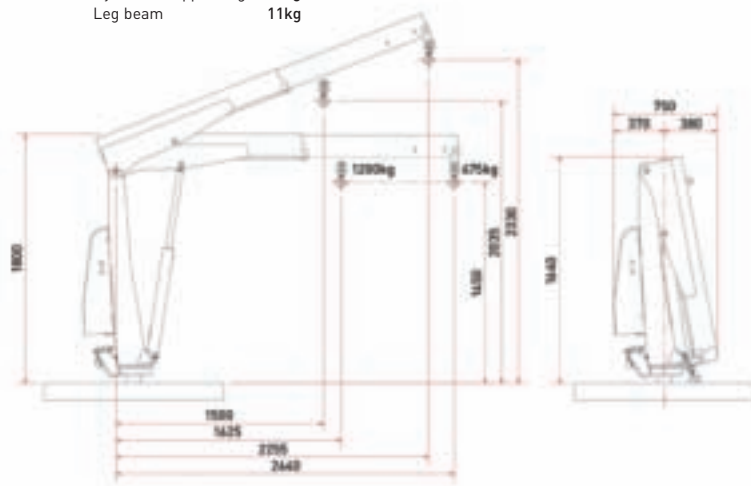


Rating	1.26 tonne metres
Crane	184kg
Above floor subframe	70kg
Manual support leg	11.5kg
Hydraulic support leg	27kg
Leg beam	11kg



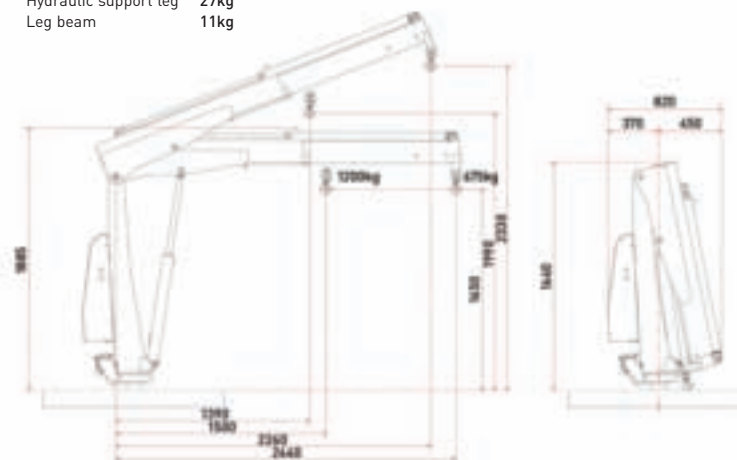
SwingLift FV1200

Rating	1.8 tonne metres
Crane	190kg
Above floor subframe	70kg
Manual support leg	11.5kg
Hydraulic support leg	27kg
Leg beam	11kg



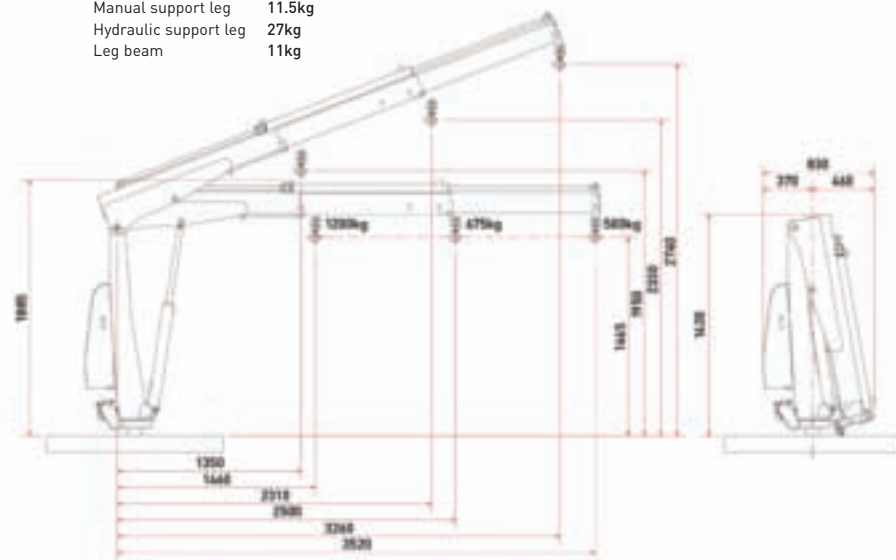
SwingLift FV1200/1H

Rating	1.8 tonne metres
Crane	195kg
Above floor subframe	70kg
Manual support leg	11.5kg
Hydraulic support leg	27kg
Leg beam	11kg



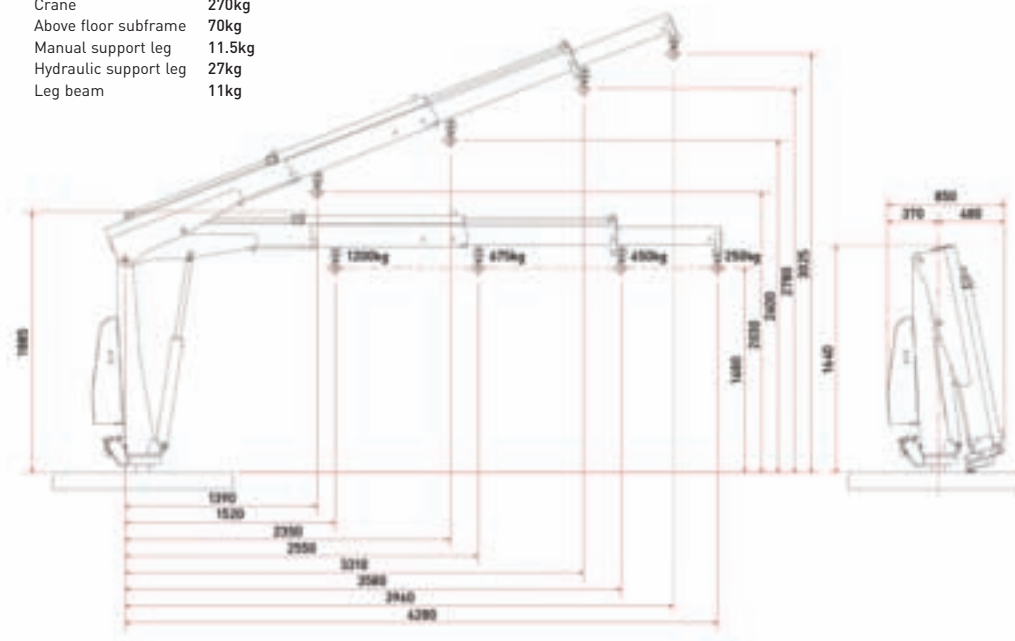
SwingLift FV1200/2H

Rating	1.8 tonne metres
Crane	235kg
Above floor subframe	70kg
Manual support leg	11.5kg
Hydraulic support leg	27kg
Leg beam	11kg



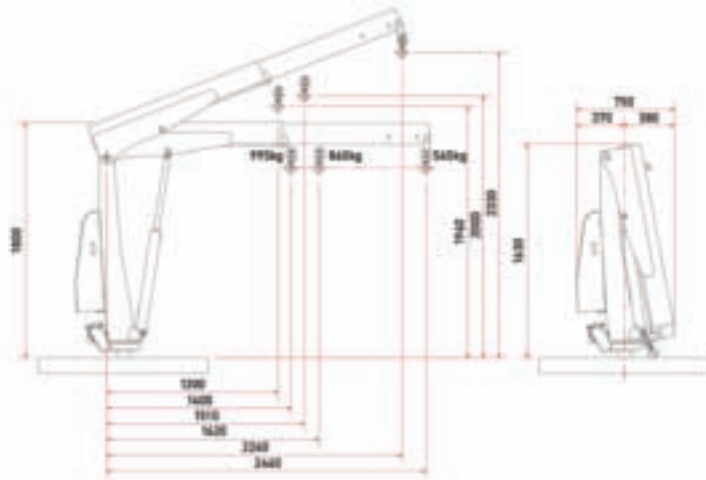
SwingLift FV1200/1M

Rating	1.8 tonne metres
Crane	270kg
Above floor subframe	70kg
Manual support leg	11.5kg
Hydraulic support leg	27kg
Leg beam	11kg



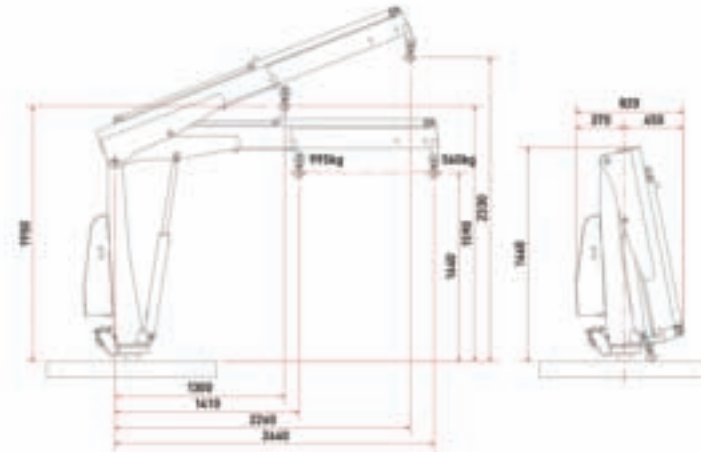
SwingLift FV995

Rating	1.8 tonne metres
Crane	190kg
Above floor subframe	70kg
Manual support leg	11.5kg
Hydraulic support leg	27kg
Leg beam	11kg



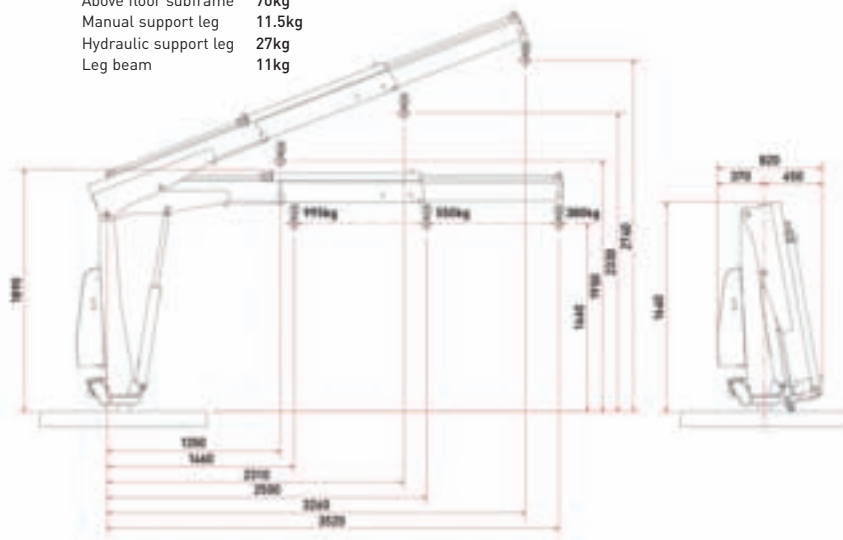
SwingLift FV995/1H

Rating	1.8 tonne metres
Crane	195kg
Above floor subframe	70kg
Manual support leg	11.5kg
Hydraulic support leg	27kg
Leg beam	11kg



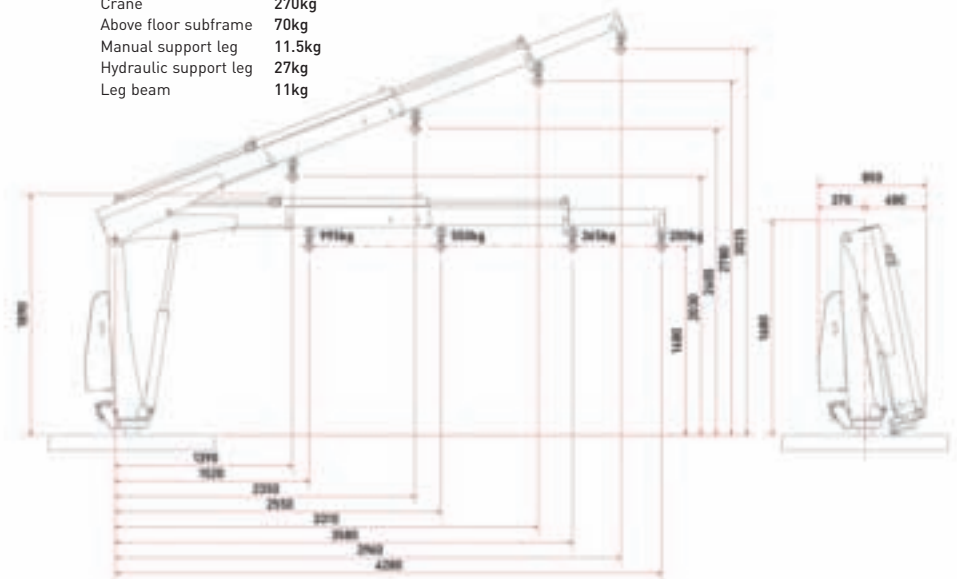
SwingLift FV995/2H

Rating	1.8 tonne metres
Crane	235kg
Above floor subframe	70kg
Manual support leg	11.5kg
Hydraulic support leg	27kg
Leg beam	11kg

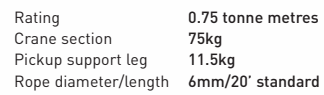


SwingLift FV995/1M

Rating	1.8 tonne metres
Crane	270kg
Above floor subframe	70kg
Manual support leg	11.5kg
Hydraulic support leg	27kg
Leg beam	11kg

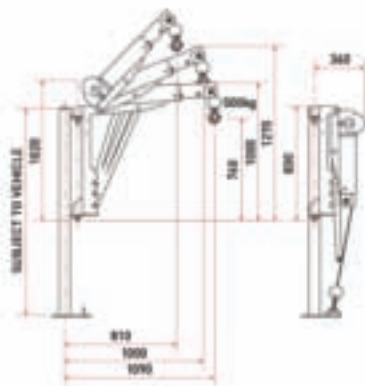


Rating	0.75 tonne metres
Crane	119kg
Pickup support leg	11.5kg
Rope diameter/length	6mm/20' standard



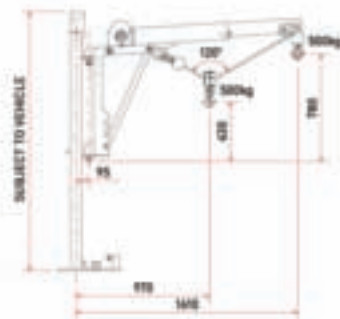
SwingLift ML500SB Van Type

Rating	0.8 tonne metres
Crane section	44kg
Van pillar	38kg
Van support leg	8.5kg
Rope diameter/length	6mm/20' standard



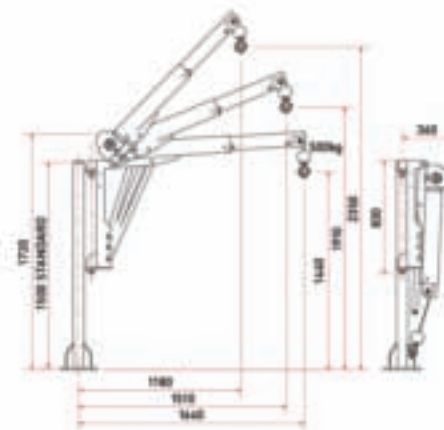
SwingLift ML500LB Van Type

Rating	0.8 tonne metres
Crane section	48kg
Van pillar	38kg
Van support leg	8.5kg
Rope diameter/length	6mm/20' standard



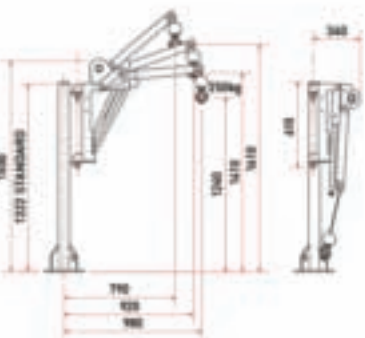
SwingLift ML500LB Pickup Type

Rating	0.8 tonne metres
Crane section	48kg
Pickup combi pillar	28kg (with base plate)
Pickup support leg	11.5kg
Rope diameter/length	6mm/20' standard



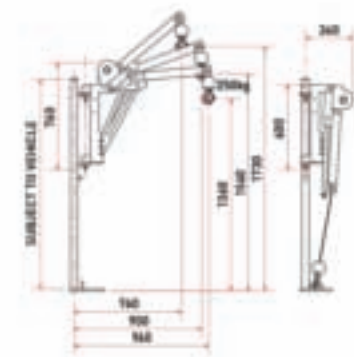
SwingLift ML250 Pickup Type

Rating	0.25 tonne metres
Crane section	23.5kg
Pickup combi pillar	28kg (with base plate)
Corner bracket	5.5kg
Pickup support leg	11.5kg
Rope diameter/length	5mm/15' standard



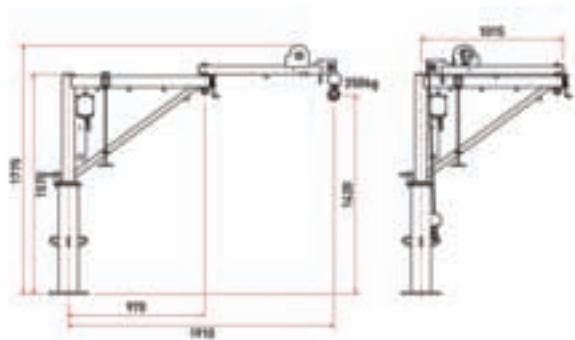
SwingLift ML250 Van Type

Rating	0.25 tonne metres
Crane section	23kg
Van pillar	25kg
Corner bracket	5.5kg
Van support leg	8.5kg
Rope diameter/length	5mm/15' standard



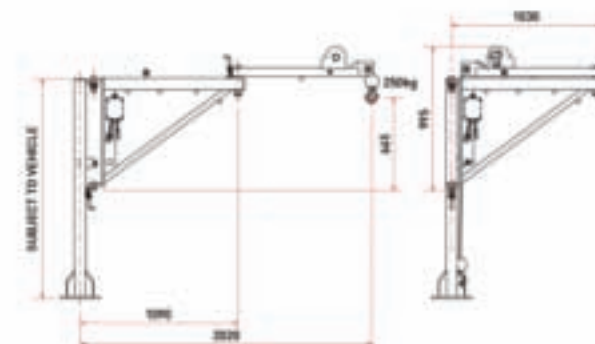
SwingLift KJ250/2 RPT

Rating	0.5 tonne metres
Crane section	100kg (including rotating pillar)
Van support leg	8.5kg
Kerbgrab	8kg
Rope diameter/length	5mm/15' standard



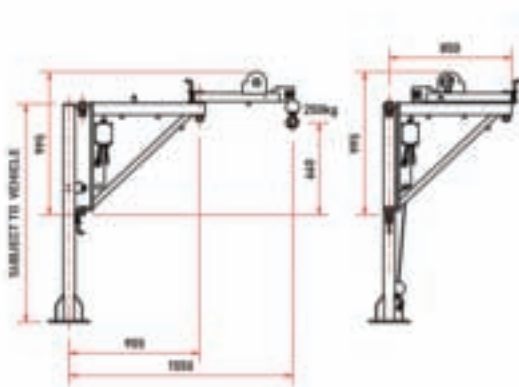
SwingLift KJ250/2 GHT

Rating	0.5 tonne metres
Crane section	50kg
Van combi pillar	32kg
Pickup combi pillar	28kg
Corner bracket	5.5kg
Van support leg	8.5kg
Kerbgrab	8kg
Rope diameter/length	5mm/15' standard



SwingLift KJ250/1.5

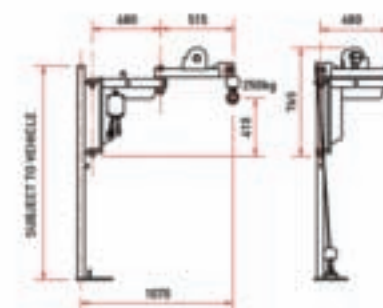
Rating	0.375 tonne metres
Crane section	47kg
Van pillar	25kg
Corner bracket	5.5kg
Van support leg	8.5kg
Rope diameter/length	5mm/15' standard



SwingLift KJ250/1 & LRH

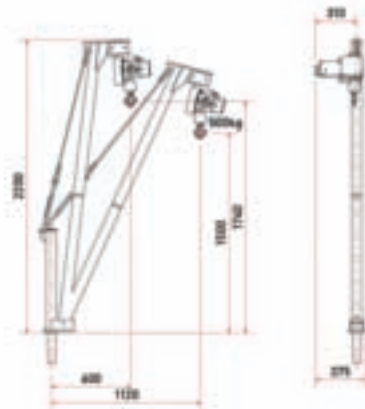
Rating	0.25 tonne metres
Crane section	27kg
Van pillar	25kg
Corner bracket	5.5kg
Van support leg	8.5kg
Rope diameter/length	5mm/15' standard

Note: drawing shown is KJ250/1



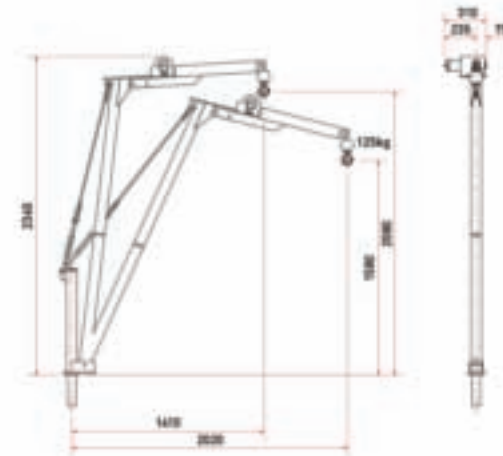
SwingLift DC500

Upper crane section	8kg
Base (incl. turnbuckle)	16.5kg
Winch	20.5kg



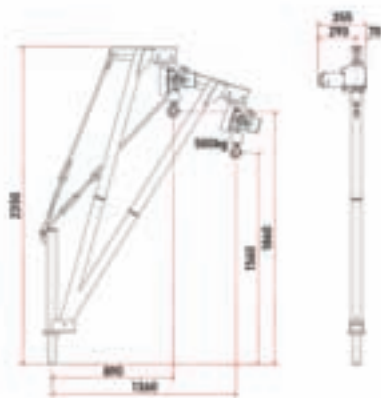
SwingLift DC500BE

Upper crane section	11.5kg
Base (incl. turnbuckle)	16.5kg
Winch	20.5kg



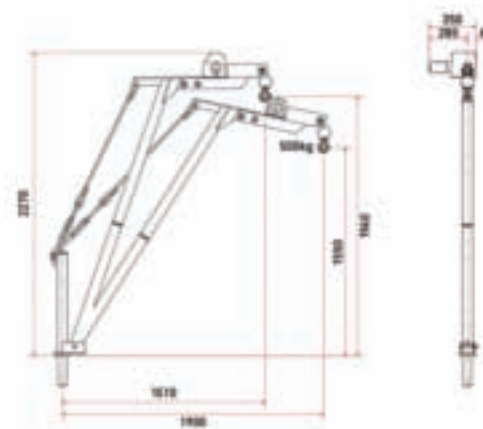
SwingLift DC995

Boom section (incl. turnbuckle)	10kg
Pillar	5kg
Base	20kg
Winch	20.5kg



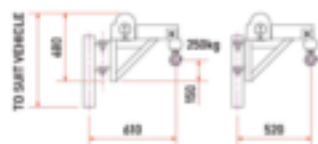
SwingLift DC995BE

Boom section (incl. turnbuckle)	13.5kg
Pillar	5kg
Base	20kg
Winch	20.5kg



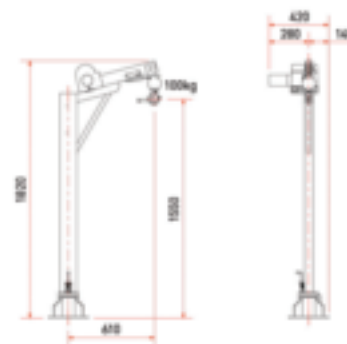
SwingLift Corner Crane

Rating 0.15 tonne metres
Crane 20kg



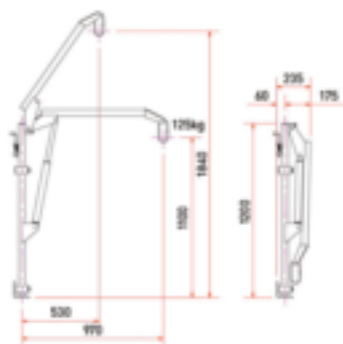
SwingLift Gas Bottle Crane

Rating 0.06 tonne metres
Crane 43kg



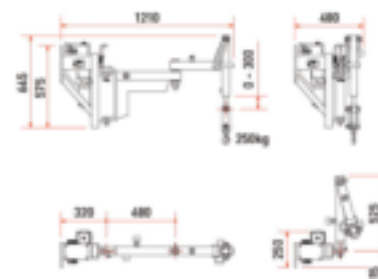
SwingLift Trailer Crane*

Rating 0.12 tonne metres



GridLift GL250

Rating 0.3 tonne metres



*we manufacture a wide range of Trailer Cranes to suit customer requirements and trailer type - please ask us for more details

Penny Hydraulics Limited

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