FOR EVERY WINCH YOU’LL EVER NEED

ATLAS
WINCH & HOIST SERVICES LTD.
Atlas are winch experts. We provide the most comprehensive range of powered winches, specialist lifting gear and cable pulling equipment for sale or hire in the UK.

We offer qualified, informed advice for the most demanding of lifting or pulling applications. An ISO9001 registered company, Atlas Winch and Hoist Services use a quality management system that covers our total activities and processes required to meet customers’ expectations for top class products and service.

OUR EXPERIENCE
Atlas provides trained and experienced staff who understand their products and capabilities and have the expertise to recommend the right equipment for the job. Qualified service engineers and operators provide nationwide coverage from our two operational bases in the UK. We operate globally with partners in Europe, the Middle East, Singapore and South America.

The Atlas Group also includes Lifting Material Supplies.

“We believe that the key to our success is our customers’ satisfaction. Understanding your needs is the key element of our business.”

SALES
We sell new standard products or bespoke designed winches, lifting and cabling equipment from internationally renowned suppliers such as Huchez, Marotechniek and Bagela.

HIRE
A huge fleet of winches and specialist lifting equipment is available for hire. We stock a diverse range of winches and specialist lifting and cable pulling equipment from 250gs to 500 tonnes capacity.

REFURBISHMENT
Used equipment sales – we service, refurbish, adapt or modify any winch. All works are fully warranted.

SERVICE AND REPAIR
Qualified engineers and technicians are available nationwide, globally, onshore and offshore.

INSPECTION AND TESTING
LEEA qualified engineers for full LOLER inspections, testing and crane maintenance.

TRAINING
A full range of accredited winch operator training courses are specifically designed to suit our customers’ needs.

WELCOME TO THE ATLAS GROUP

Our business is all about customer service and customer satisfaction, understanding your needs is the key element of our business.”
The Atlas Group is proud to work with a wide range of global partners in delivering excellence for our customers. Over many years we have developed close working relationships with industry leading companies throughout Europe, Asia and the Americas.

Our Partners

These partnerships help us to develop and manufacture products and services tailored to our customers needs. See below for a small selection of our global partners.

Atlas Winch and Hoist Services have forged an excellent relationship with industry leading companies. Over many years we have developed close working excellence for our customers. Over many years we have developed close working relationships with industry leading companies throughout Europe, Asia and the Americas.

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We believe in accreditation

Accreditation is an independent assessment that ensures companies have the technical competence and integrity to deliver credible certified products and services. Atlas feel this is essential to building confidence and trust in our businesses.

That’s why it is our policy to achieve accreditation for our services wherever possible.

Atlas can also provide approved LEEA training for winch operations, see page 61 for more information.

The lifting equipment manufacturer AusLift is recognized as the industry leader throughout the world. From winches to technology and pipe renewal winches. Recognised as the industry leader, AusLift manufacture products and services tailored to our customers needs. We also give new and potential customers a clear indication of the high quality standards we are committed to maintaining and developing within our continuing improvement program. It is a testament to the hard work and commitment of all the staff at Atlas that this accreditation has been achieved.

LEEA or the Lifting Equipment Engineers Association is an independent body for all those involved in the lifting industry worldwide. The Lifting Equipment Engineers Association (LEEA) is the respected and authoritative representative body for all those involved in the lifting industry and is essential to building confidence and trust in our businesses.

Atlas Winch and Hoist Services have been members of the Lifting Equipment Engineers Association for many years. Throughout this time we have developed our ISO 9001:2015, level 2 training and LEEA qualified engineers. Year on year, improving and maintaining industrial knowledge and skills base. Membership of LEEA gives assurance to our customers that quality, safety and service are central to every job, never compromising at any point.

Customer focus and encouragement throughout all aspects of our services.

The training the Atlas Winch and Hoist Services offer for the hire, maintenance and use of lifting equipment. For over 40 years SEB International are a leading manufacturer of cable laying equipment. For over 40 years SEB International are a leading manufacturer of cable laying equipment. The manufacturer of cable laying equipment. SEB International are a leading manufacturer of cable laying equipment. Bagela is a family-owned company that specialises in cable drum trailers, jacks and cabling accessories, all products available for sale or hire from the Atlas dealer network.
ATLAS WINCHES

Atlas have one of the largest fleets of winches available for sale or hire in the UK, serving the UK, European and International markets. Whatever your industry, we have a winch suited to your lifting or pulling needs.

From small hand winches to larger, electric, air, hydraulic and self powered winches, Atlas have the winch. Or, if you’re looking for a bespoke solution to a specific job our experienced team will design and build it for you.

The following pages give a small flavour of our winch range. We serve a diverse range of industries and sectors which include the following:

CONSTRUCTION AND CIVILS – Large infrastructure projects such as bridges and motorways.

ENGINEERING – Factories, warehousing and rigging applications.

MARINE – Mooring systems, vessels, quayside and port operations.

POWER AND RENEWABLES – Petrochemical, power plants and wind farms.

UTILITIES – Cable and pipe pulling equipment for gas, telecoms, water and electric.

OFFSHORE – Oil and gas and offshore energy applications.

DECOMMISSIONING – Provision of equipment for recycling redundant oil and gas platforms and installations.

MINING AND QUARRYING – Providing hoists, winches and rope for drilling, tunnelling and boring.

SALES • REFURBISHMENT • SERVICING • TESTING • HIRE • INSPECTION • TRAINING
At Atlas we supply electric winches for every lifting or pulling application from 50kgs to 200tonnes. A full range of winch options are available to suit your application – spooling gear, clutches, capstan/warp ends, lifting frames and skids. As well as bespoke control options, low voltage pendants, single speed, variable speed, wireless remote, constant tension, limit switches and load monitoring are available. We work with leading brands such as Huchez and Marotechniek.

**FOR A FULL RANGE OF OPTIONS, ACCESSORIES AND ATTACHMENTS – WIRE ROPES, SHACKLES, SLINGS AND PULLEYS – SEE PAGE 39.**

**ELECTRIC WINCHES**

**Huchez 10 Boxster – Compact Multifunctional Electric Winch**
A range of lightweight portable winches for use in many applications. Many rope attachments and output options make these winches ideal for every job. Robust and compact, fixed and variable speed control options available.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range from M to 2 tonnes</td>
<td>Various available up to 40m/min</td>
</tr>
<tr>
<td>Line speed</td>
<td>Various available up to 40m/min</td>
</tr>
<tr>
<td>Power</td>
<td>Electric – 240v 1ph, 400v-440v 3ph</td>
</tr>
<tr>
<td>Design Type</td>
<td>Fixed or variable speed</td>
</tr>
<tr>
<td>Application</td>
<td>Lifting/Pulling</td>
</tr>
</tbody>
</table>

**Huchez TR/TE/TX/S Series – Lifting to 15tonnes – Compact Electric Winch**
An all-terrain multi-functional winch designed for all types of lifting and pulling applications for loads ranging from 1 to 15 tonnes. Suitable for lifting and pulling operations on or off site, on a wide range of vehicles, vessels, cranes, boats and other applications.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range from M to 15 tonnes</td>
<td>Various available up to 30m/min</td>
</tr>
<tr>
<td>Max Rope Storage</td>
<td>Various available up to 40m/min</td>
</tr>
<tr>
<td>Line Speed</td>
<td>Various available up to 30m/min</td>
</tr>
<tr>
<td>Power</td>
<td>Electric – 3ph, 50/60Hz</td>
</tr>
<tr>
<td>Design Type</td>
<td>Inline or right angle</td>
</tr>
<tr>
<td>Application</td>
<td>Lifting/Pulling</td>
</tr>
</tbody>
</table>

**Huchez TE/TT/PL-Series – Lifting to 20tonnes**
A range of heavy duty electric winches designed for every lifting and pulling application up to 20 tonnes as standard. High capacity and an increased winding capacity to address wider load ranges, suitable for the most arduous conditions.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range from M to 20 tonnes</td>
<td>Various available up to 50m/min</td>
</tr>
<tr>
<td>Max Rope Storage</td>
<td>Various available up to 500m</td>
</tr>
<tr>
<td>Line Speed</td>
<td>Various available up to 50m/min</td>
</tr>
<tr>
<td>Power</td>
<td>Electric – 3ph, 50/60Hz</td>
</tr>
<tr>
<td>Design Type</td>
<td>Inline or right angle</td>
</tr>
<tr>
<td>Application</td>
<td>Lifting/Pulling</td>
</tr>
</tbody>
</table>

**Marotechniek MT-EPC series**
The MT-EPC electric planetary compact winch suitable for many applications. Standard build with high quality planetary winch drive. This modular design series for a wide range of applications, combines a modular planetary drive with a high quality planetary winch.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range from M to 50 tonnes</td>
<td>Various available up to 50m/min</td>
</tr>
<tr>
<td>Max Rope Storage</td>
<td>Various available up to 2000m</td>
</tr>
<tr>
<td>Line Speed</td>
<td>Various available up to 50m/min</td>
</tr>
<tr>
<td>Power</td>
<td>Electric – 3ph, 50/60Hz</td>
</tr>
<tr>
<td>Design Type</td>
<td>Multi options available</td>
</tr>
<tr>
<td>Application</td>
<td>Lifting/Pulling</td>
</tr>
</tbody>
</table>

**Bespoke Build Solutions – We’ll tailor it for you**
Beside our range of standard winches, Atlas offer a range of electric winches designed for your particular requirements up to 200 tonnes. From conception to completion, consultation, survey, design, fabrication, test and commission. We offer a complete turnkey service. Global service available to meet clients needs, experienced qualified engineers with the necessary winch expertise to supply the best solution.

**Optional extras available include:**
- Drum guards
- Spindle limit switches
- Gear backlash
- Variable speed control
- Drum press roller device
- Constant tension
- Spooling gear

**Looking for a bespoke solution from conception to completion?**

**Essex** +44 (0) 1371 859 555  
**Scotland** +44 (0) 1899 221 577  
**info@winchhire.com**  
**www.winchhire.co.uk**
Air winches range from 500kg up to 20tonne units to handle the most demanding of lifting and pulling applications. With man-riding winches, automatic and manual brake options – the range includes the most respected names in the industry including Thern, Ingersoll Rand and Beebe. Choose an air powered winch from our extensive stock for hire or sale and we can specifically prepare, test and certify it to suit any application. DNV and ATEX certification available on request.

**Thern TA and C Series**
- Thern’s Air Winches feature new innovations that make them faster, lighter, safer, more versatile, and more corrosion-resistant than ever before.
- Thern winches are built tough to withstand the dust, dirt, grime, moisture, and debris that come with the most demanding conditions. Utility and manriding versions available.
- ATEX and DNV approvals available on all models.

**Ingersoll Rand FA Series**
- The Ingersoll Rand line of air winches incorporates the best ideas and innovations of Beebe International, Samiia of France and the original Ingersoll Rand line of products.
- The combined experience of these companies adds up to over 200 years of solving the most challenging lifting, pulling and positioning applications in the world’s toughest industries.
- Line Pull: Range from 300kg – 10tonnes.
- Max Rope Storage: 1,000mtrs.
- Line Speed: Various available up to 40m/min.
- Power: Pneumatic.
- Design Type: Planetary geared.

**Atlas Euro Range**
- Air motor driven range of worm and planetary geared winches from 250kgs to 10tonnes line pull to suit a variety of lifting and pulling operations.
- Constant tension option available. Local and remote control plus full range of winch options and accessories.
- Line Pull: Range from 250kg – 10tonnes.
- Max Rope Storage: 1,000mtrs.
- Line Speed: Various available up to 40m/min.
- Power: Pneumatic.
- Design Type: Planetary and worm geared.

As well as our range shown here, Atlas can specify an air winch tailored to your requirements. Winches suitable for a range of hazardous and difficult environments. These include – marine, shipping, offshore and man-riding applications, with a range of brake options and variable speed control.

We can supply from a range of respected manufacturers including:
- Beebe
- Samiia
- Toku
- Globe Fenner
- Yutani

Air compressors available 150CFM – 1000CFM, air hoses and accessories. Contact us for more details.
Choose Atlas for a range of hydraulic winches and power packs. These base mounted models are normally supplied within a crash frame, complete with lifting lugs. Spooling gear options are available on all models. Our friendly team can provide expert advice on winch systems to suit your specifications. We can supply closed and open loop systems to meet zoned specifications for use in hazardous environments. Atlas also supply a range of electric and diesel driven hydraulic power units, see overleaf for details.

**HYDRAULIC WINCHES**

**Transvictory**

From Singapore we carry extensive stocks of the Transvictory Hydraulic / Marine winches. 10tonne /20tonne/25tonne /45tonne and 60tonne winches are available from stock (single drum). We also stock 30tonne and 60tonne double drum waterfall winches. Standard drum capacity is 1,000mtrs. All with spooling gear, band brake and clutches, local or remote control.

**Braden PD and CH Series**

A full range of the Paccar (USA) planetary geared hoisting winches designed and approved for lifting duties. Some models approved for personnel lifting applications by API (American Petroleum Institute). Winch sizes from 2tonnes to 60tonnes, fast speed options up to 150mtrs per minute possible. Rope capacities from 20mtrs to 1,000mtrs available, all with fail safe lifting brakes and controls.

**Brevini**

A standard range of worm and planetary geared lifting winches from Italy. Compact designs to suit various applications in the onshore and marine, oil and gas markets. DNV and ATEX approved models are available. Capacities from 500kgs to 25tonnes. Drum capacities from 15mtrs to 500mtrs.

**Marotechniek MT Series**

Our Dutch partners cover an extensive range of industrial and marine / offshore winches. An in-house flexible design and build facility means Atlas / Marotechniek can react quickly to urgent jobs. 500kgs to 50tonnes is the target range, spooling gear, clutches, constant tension, variable speed and ‘Smartload’ technology options are available to suit your application.

**SALES • REFURBISHMENT • SERVICING • TESTING • HIRE • INSPECTION • TRAINING**
Atlas supply a comprehensive range of hydraulic power packs designed to provide reliable, continuous power in remote and challenging conditions. We can supply diesel, electric and petrol units to suit every application. Delivery outputs range from 10-1500 litres per minute, pressures up to 350bar. Open and closed loop system with various control options.

Whether you are looking for a standard unit or bespoke design for a specific project, Atlas have the solution.

**HYDRAULIC POWER UNITS**

**Petrol**
Portable trolley mounted and skid based mounted compact petrol driven hydraulic power units. Output from 5 - 75 litres per minute, operating pressures from 50 - 350 bar. To operate various equipment from winches, jacking gear and hydraulic cylinders, hoists, hydraulic cutters, spoolers, cable pushers to cable tensioning equipment. With open and closed loop systems, local and remote control options available.

**Diesel**
Trailer and skid based 400-10000kW to suit winch drives, spooling operations, construction, A Frames, vibro hammers etc. A full range of power outputs from 7.5kW to 500kW, hydraulic flow rates 10 to 1500 litres per minute and operating pressures up to 350 bar. Open and closed loop systems available. Safe area and Zone II versions available.

**Electric**
Skid mounted electric driven hydraulic power units, low noise level operation for a range of onshore industrial and offshore marine applications. These packs can be used to operate a range of equipment, winches, spoolers, hydraulic jacks, A Frames, subsea tooling and cutting gear. With a choice of local and remote control, open and closed loop systems providing outputs from 5 to 1000 litres per minute and operating pressures up to 350 bar. Safe area and Zone II versions available.

GIVE US YOUR FLOW RATE AND OPERATING PRESSURE REQUIREMENTS AND WE WILL FIND THE PACK FOR YOU.
SELF POWERED WINCHES

**DIESEL/PETROL**

Atlas can provide a full range of self powered or diesel/petrol hydraulic winch sets. Base mounted, single drum and double drum models are available from 500kgs up to 500tonnes, suitable for lifting and pulling applications. Control options available for local, remote and wireless operation. Smartload data logging technology is available for load, distance and speed monitoring. Wire lengths up to 3,000 metres can be offered.

**DIESEL/HYDRAULIC**

Ideal for quayside moorings, marine slipways, beach cable and pipe pulls.

Sykes TR Series
- Self-contained diesel / diesel hydraulic engine winches, Lister, Deutz and Cummins engine options.
- TR2 - 10tonne (lift) – 15tonne (pull)
- TR3 - 15tonne (lift) – 25tonne (pull)
- TR5 - 30tonne (lift) – 50tonne (pull)
- Rope capacities up to 1,000mtrs x 50mm available

Lebus/Transvictory Shagri

Skid mounted or separate HPU driven winch sets available from 5tonnes to 180tonnes capacity, modular sizes. 10tonnes / 20tonnes / 25tonnes / 30tonnes / 35tonnes / 45tonnes / 60tonnes / 80tonnes / 100tonnes / 150tonnes / 180tonnes. Single drum, double drum, ‘waterfall’ and ‘side by side’ configurations possible. Spooling gears, clutches, local and remote control, constant tension and load monitoring options available.

Huchez TD Series

Construction site winches. These winches are independently powered and suitable for sites where no electrical power supply is available. Ideal for construction and civil projects in remote locations. Various local and remote control options available.
Hand winches are a versatile tool for lifting or pulling operations in a wide variety of industrial, commercial and leisure applications. Capacities can range from as little as 50kgs up to 10tonnes from our standard range which includes hand winches from French manufacturer ‘Huchez’. Base and wall mounted models are available as well as spur and worm gear designs. Most models can be offered with a galvanised or painted finish or a fully stainless steel construction for all working environments. Bespoke options include split drums, multiple rope outlets and man-riding specifications.

**Huchez Manibox GR and VS Models**

The Manibox design is simple and robust and offered in Spur Gear (GR) and Worm Gear (VS) versions to suit various applications and mounting situations.

- **Line Pull**: Up to 3.5tonnes
- **Max Rope Storage**: 38 metres
- **Power**: Manual
- **Design Type**: Spur and Worm Gear
- **Application**: Lifting/Pulling

**Huchez Barge and Contractors Winches**

Barge and Contractors ‘Crab’ winches are heavy duty and rugged. Ideal for jobs such as connecting barges, pulling vehicles and wagons or anchoring/mooring applications.

- **Line Pull**: Up to 10tonnes
- **Max Rope Storage**: 400 metres
- **Power**: Manual
- **Design Type**: Straight cut gearing
- **Application**: Pulling

**Thern Spur and Worm Gear Winches**

An alternative range of spur and worm geared hand winches offering different duties and rope capacities for both lifting and pulling situations.

- **Line Pull**: Up to 4.5tonnes
- **Max Rope Storage**: 260 metres
- **Power**: Manual
- **Design Type**: Spur and Worm Gear
- **Application**: Lifting/Pulling

**Atlas Capstan Winches**

Atlas capstan winches provide excellent mooring solutions for marine handling. Installed on board vessels or on the quayside they provide mooring for hawsers, ropes and wire cables. Atlas supply electric, hydraulic and pneumatic drive options up to a capacity of 60tonnes. Our range includes vertical and horizontal orientations with a selection of control options including foot, remote pendant and wireless radio control.

**Atlas are specialists in mooring arrangements and marine handling. See our mooring systems on page 21.**
WINCH ACCESSORIES

LOAD MEASURING AND MONITORING EQUIPMENT

As well as our extensive range of winches, Atlas can supply and hire all the ancillary equipment you may ever need. Look no further for the supply of common winch accessories such as load monitors, static load gauges and running line monitors. We can also supply and manufacture bespoke items to suit your requirements. Many devices are available with data logging, printing and down load capability. All our winch accessories are available for sale or hire.

Running Line Load Monitors

Ride on, saddleback devices that run on the active part of the winch / hoist ropes. From 10mm diameter to 120mm diameter, loads from 1 tonne to 500 tonnes. Local, LED display, hand held and wireless options available. Smartload® data logging and print services available. Load, distance and speed information can be monitored and recorded.

Static Line Tension Meters

For the measuring of loads in static and active rigging. From 6mm – 102mm wire sizes. Local, hand held and wireless control options. Smartload® data logging options available.

Loadcells and Load Shackles

Loadcells – Standard loadcells from 20kg to 250 tonnes capacity for various load measurement and testing applications. Many models available with additional wireless LCD displays.

Load Shackles – 1 tonne to 500 tonnes capacities for load measurement. Weight checks, proof load testing, pile testing etc. Range of designs and dimensions to suit all applications.

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SNATCH BLOCKS, SHACKLES

MULTI SHEAVE ROPE BLOCKS

To complement our broad range of winches, Atlas can supply an extensive selection of associated rigging equipment. We hold the largest range of snatch blocks, shackles and fairleads available for hire or sale in the UK. We can supply shackles up to 1,000 tonnes, rigging blocks up to 3,000 tonnes and a full range of wire rope. For wire rope, custom made wire rope slings, chain slings, and wire rope fittings see Lifting Material Supplies on page 39.

FOR RENTAL, FOR SALE – FULL CALIBRATION SERVICE AVAILABLE.
MOORING SYSTEMS

Over the years, Atlas have been renowned for the design and supply of 4, 6 and 8 point mooring systems for crane and excavator barges, offshore supply and survey vessels. The mooring system could range from a simple single rope or wire holding a small boat, to a buoy, through to an 8 point winch system using large anchors. We're committed to working closely with all of our customers. A detailed appraisal of the vessel, local sea and sea bed conditions, operating criteria and anchor loadings will be undertaken to find the appropriate solution.

DESIGN CONCEPTION TO SUPPLY COMPLETION, RENTAL OR SALE.

INSTALLATION AND COMMISSIONING SERVICE AVAILABLE.
Over the past 10 years Atlas have established themselves as a leading provider to the utilities sector for winches, cable drum trailers, cable drum jacks and a host of cabling and pipe pulling ancillary equipment. Portable and trailer-mounted winches for pulling power, telecoms and fibre-optic cable are available as well as machines for water, gas and other pipe pulling applications. Atlas now also feature winches for overhead power lines and tower erection work to enhance their comprehensive range. Increasingly popular cable pushing machines are available in petrol or electric formats.

Cable drum trailers with payloads from 800kgs to 50tonnes can be offered and Atlas possess the largest hire fleet of its kind in the UK. Pipe coil trailers, cable drum jacks and a wide range of accessories are also available for hire and sale.

Established relationships with key manufacturers in the UK and Europe such as SEB International, Bagela/Grundowinch, Tesmec and Plumett means Atlas can offer you the best possible equipment for your project.
Atlas can supply winches to all utility sectors including power, telecoms, water and gas. We have become specialists in this field and have the largest, most comprehensive hire fleet of its kind in the UK. Pulling capacities of up to 100 tonnes and bond lengths in excess of 1,500 metres are possible. Road towable, site and track mounted chassis options are available for every site situation. Most machines are also equipped with computerised data logging/printing facilities. Special electric winches, Minifors and Tiraks available for internal and riser/service shaft cable pulling applications. Operator training, servicing, repair, inspection and testing is also available across the range.

SEE OUR CABLING ACCESSORIES ON PAGE 35.
CABLING CAPSTANS

Originally designed for use by the telecommunications industry, these machines are now popular as multi-purpose utility winches for light-medium power cable, sub-duct and pulling winch bond as well as for fibre-optic, coaxial and other data cable applications. In recent years capstan winches such as the SEB International CW3000 have also been adapted for light cable recovery work to good effect showing the all-round versatility of these machines.

### SEB International CW3000
- **Application**: diesel/hydraulic, open capstan unit, primarily for installation of telecommunication cables and sub-ducting, in man-holes.
- **Line Pull**: 3,000kgs
- **Max Rope Storage**: n/a
- **Line Speed**: up to 30m/min

### SEB International AW1000
- **Application**: diesel or petrol powered, assist winch for pulling sub-duct, winch bond and other light cables as well as for applying peripheral tension to fibre-optic cables for extended cable installations.
- **Line Pull**: 500kgs/1,000kgs
- **Max Rope Storage**: n/a
- **Line Speed**: up to 55m/min

Atlas Winch and Hoist Services are a valued and critical part of our supply chain who always provide an excellent service. They go above and beyond their role as a supplier of specialist cabling plant and always provide a solution to the problem. Their extremely knowledgeable team are always happy to help and provide technical support when required. Keep up the good work.

Mark Dewar, EHV Projects Manager, H&Askham Group.

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**SEE OUR CABLING ACCESSORIES ON PAGE 35.**

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[Image 841x-11 to 1685x606]

[Image 298x144 to 692x451]
CABLING CAPSTANS

Atlas offer a number of portable capstan winches ideal for pulling telecoms cable or light power cable. Power options include 110volt electric and petrol engine machines for both indoor and outdoor site conditions. Some models also feature a twin capstan design to provide 2 different pulling capacities and speeds depending on your needs. Lightweight and compact, these winches can be easily handled and many have a set of wheels for easy manoeuvrability.

**PORTABLE**

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**110volt Cable Puller**

This cable puller is the ideal solution to pulling long or heavy cables. The electric motor is 1.0hp, water cooled and starts instantly. The winch can be used in remote or confined locations and is easy to transport. It is also very maneuverable as it has a set of wheels.

**King KN1000**

A stalwart of the cabling industry the petrol powered King winch has a pulling capacity of 1,000kgs. Recent models benefit from full guarding and emergency stop features. 1tonne hauling capacity and pulling speeds of up to 27m/min make it a versatile machine.

**Goodwinch PP1000**

Weighing just 50kgs this compact and lightweight unit is portable, easy to handle and ideal for cable pulling or other hauling applications. The petrol engine provides fully variable speed control and the twin capstan design also allows for different pulling capacities.

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**CABLE PUSHERS**

Cable pushers provide the ideal solution to the challenges of increasingly long and heavy cable installations. Normally used in conjunction with a cable pulling winch, cable pushers greatly reduce the strain and tension required to pull a cable and therefore help prevent potential cable damage. Offered in hydraulic form with either electric or petrol power packs or as direct electric machines, these pushers can also handle a wide range of cable diameters. Compact and lightweight cable pushers work well in tunnels or other confined space situations and can be used individually or in series.

**SEE OUR CABLING ACCESSORIES ON PAGE 35.**

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Essex +44 (0) 1371 859 555 Scotland +44 (0) 1899 221 577 info@winchhire.com www.winchhire.co.uk

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SEE OUR CABLING ACCESSORIES ON PAGE 35.
Atlas can supply a range of new and high quality used cable drum trailers. New highway trailers have full ‘type approval’ ensuring all current laws and standards are met giving you complete peace of mind. We also possess the largest rental fleet in the UK with a wide range of highway and site trailers available for hire. Our diverse fleet also contains many non-standard models to cater for larger cable drum sizes. Other options include drum drives and drum brake systems.

Highway trailers are available with payloads from 830kg up to 8.5tonnes. Site only trailers can be offered to handle drums up to 50tonnes. Site only trailers can be offered to handle drums up to 50tonnes.

CUSTOM OPTIONS AVAILABLE – CONTACT US FOR MORE DETAILS.

**COMPARE TRAILERS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Max drum weight</th>
<th>Max drum width</th>
<th>Max drum dia.</th>
<th>Min drum dia.</th>
<th>Spindle dia.</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD20</td>
<td>830kg</td>
<td>1075mm</td>
<td>1070mm</td>
<td>570mm</td>
<td>50mm</td>
<td>Highway/Site</td>
</tr>
<tr>
<td>CD32</td>
<td>1200kg</td>
<td>1375mm</td>
<td>2100mm</td>
<td>700mm</td>
<td>50mm</td>
<td>Highway/Site</td>
</tr>
<tr>
<td>CD40</td>
<td>1500kg</td>
<td>1250mm</td>
<td>2200mm</td>
<td>750mm</td>
<td>50mm</td>
<td>Highway/Site</td>
</tr>
<tr>
<td>CD60</td>
<td>2430kg / 3000kg</td>
<td>1280mm</td>
<td>2500mm</td>
<td>1060mm</td>
<td>76mm</td>
<td>Highway/Site</td>
</tr>
<tr>
<td>CD70</td>
<td>2770kg</td>
<td>1280mm</td>
<td>2500mm</td>
<td>1060mm</td>
<td>76mm</td>
<td>Highway/Site</td>
</tr>
<tr>
<td>PT60</td>
<td>2380kg</td>
<td>1710mm</td>
<td>3200mm</td>
<td>1420mm</td>
<td>76mm</td>
<td>Highway/Site</td>
</tr>
<tr>
<td>PT70</td>
<td>2720kg</td>
<td>1600mm</td>
<td>3200mm</td>
<td>1420mm</td>
<td>76mm</td>
<td>Highway/Site</td>
</tr>
<tr>
<td>CD130</td>
<td>5350kg / 7250kg</td>
<td>1470mm</td>
<td>2860mm</td>
<td>1360mm</td>
<td>76mm</td>
<td>Highway/Site</td>
</tr>
<tr>
<td>CD140</td>
<td>5085kg / 7000kg</td>
<td>1600mm</td>
<td>3800mm</td>
<td>2000mm</td>
<td>89mm</td>
<td>Highway/Site</td>
</tr>
<tr>
<td>CD220</td>
<td>10000kg</td>
<td>1730mm</td>
<td>3660mm</td>
<td>2550mm</td>
<td>101mm</td>
<td>Highway/Site</td>
</tr>
<tr>
<td>CD130SS</td>
<td>8000kg</td>
<td>1600mm</td>
<td>3500mm</td>
<td>1560mm</td>
<td>76mm</td>
<td>Site Only</td>
</tr>
<tr>
<td>CD250S</td>
<td>10000kg</td>
<td>2000mm</td>
<td>3500mm</td>
<td>2200mm</td>
<td>89mm</td>
<td>Site Only</td>
</tr>
<tr>
<td>CD360S</td>
<td>15000kg</td>
<td>2400mm</td>
<td>4540mm</td>
<td>2400mm</td>
<td>76mm</td>
<td>Site Only</td>
</tr>
<tr>
<td>CD500S</td>
<td>20000kg</td>
<td>2400mm</td>
<td>4600mm</td>
<td>2500mm</td>
<td>127mm</td>
<td>Site Only</td>
</tr>
<tr>
<td>CD700S</td>
<td>30000kg</td>
<td>2400mm</td>
<td>4800mm</td>
<td>2700mm</td>
<td>152mm</td>
<td>Site Only</td>
</tr>
<tr>
<td>CD900S</td>
<td>40000kg</td>
<td>2800mm</td>
<td>5000mm</td>
<td>2900mm</td>
<td>152mm</td>
<td>Site Only</td>
</tr>
<tr>
<td>CD980S</td>
<td>50000kg</td>
<td>2800mm</td>
<td>5000mm</td>
<td>2900mm</td>
<td>152mm</td>
<td>Site Only</td>
</tr>
</tbody>
</table>

**BESPOKE REQUIREMENTS**

Additional, non-standard trailers are also available for unusual and extra-wide drum sizes. Various trailers are also available with diesel drum drive/power lift systems. Drum brake mechanisms can also be fitted to most trailer sizes. Other trailer models, uses and capacities available on request.
## Cable Drum Jacks

For simple and effective drum handling, cable drum jacks are an essential tool. Available in Screw design up to 8 tonnes, Hydraulic Jacks up to 10 tonnes and Hydraulic Jack Towers up to 40 tonnes for the largest and heaviest of drums. Cable drum jacks are also complemented by a full range of spindles and collars available in various lengths and diameters.

For other cable drum lifting and handling needs we also offer dedicated drum lifting spindles supplied complete with spreader bar and chain assembly.

### Hydraulic Jacks

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity/Ton</th>
<th>Min Drum Dia. (mm)</th>
<th>Max Drum Dia. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HJ3</td>
<td>3,000kgs</td>
<td>800</td>
<td>2,500</td>
</tr>
<tr>
<td>HJ6</td>
<td>6,000kgs</td>
<td>880</td>
<td>3,000</td>
</tr>
<tr>
<td>HJ10</td>
<td>10,000kgs</td>
<td>1,080</td>
<td>3,500</td>
</tr>
</tbody>
</table>

Screw Jacks are also available with Plinths to safely provide an additional 300mm of height for large drum diameters.

### Screw Jacks

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity/Ton</th>
<th>Min Drum Dia. (mm)</th>
<th>Max Drum Dia. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SJ3</td>
<td>3,000kgs</td>
<td>1,060</td>
<td>1,600</td>
</tr>
<tr>
<td>SJ6</td>
<td>6,000kgs</td>
<td>1,360</td>
<td>1,900</td>
</tr>
<tr>
<td>SJ8</td>
<td>8,000kgs</td>
<td>1,660</td>
<td>2,200</td>
</tr>
</tbody>
</table>

### Jack Towers

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity/Ton</th>
<th>Min Drum Dia. (mm)</th>
<th>Max Drum Dia. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>JT20</td>
<td>20,000kgs</td>
<td>1,480</td>
<td>3,400</td>
</tr>
<tr>
<td>JT20L</td>
<td>20,000kgs</td>
<td>2,360</td>
<td>3,400</td>
</tr>
<tr>
<td>JT30L</td>
<td>30,000kgs</td>
<td>3,000</td>
<td>4,500</td>
</tr>
<tr>
<td>JT40L</td>
<td>40,000kgs</td>
<td>3,000</td>
<td>4,500</td>
</tr>
</tbody>
</table>

‘L’ models are fitted with additional outrigger legs for extra stability. Modified versions available for larger drum diameters.

### Spindle Bars and Collars

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity/Ton</th>
<th>Spindle Dia. (mm)</th>
<th>Length (mm)</th>
<th>For Use with</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS4</td>
<td>6,000kgs</td>
<td>50</td>
<td>1,219</td>
<td>SJ3</td>
</tr>
<tr>
<td>DS6</td>
<td>6,000kgs</td>
<td>50</td>
<td>1,800</td>
<td>SJ6, HJ3</td>
</tr>
<tr>
<td>DS12</td>
<td>12,000kgs</td>
<td>76</td>
<td>2,100</td>
<td>SJ8, HJ6, HJ10</td>
</tr>
<tr>
<td>DS20</td>
<td>20,000kgs</td>
<td>100</td>
<td>2,900</td>
<td>JT20, JT20L</td>
</tr>
<tr>
<td>DS30</td>
<td>30,000kgs</td>
<td>127</td>
<td>4,000</td>
<td>JT30L</td>
</tr>
<tr>
<td>DS40</td>
<td>40,000kgs</td>
<td>140</td>
<td>4,000</td>
<td>JT40L</td>
</tr>
</tbody>
</table>

Special lengths available on request.

### Drum Lifting and Handling Spindles

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity/Ton</th>
<th>Spindle Dia. (mm)</th>
<th>Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>39543</td>
<td>5,000kgs</td>
<td>76</td>
<td>2,000</td>
</tr>
<tr>
<td>39544</td>
<td>5,000kgs</td>
<td>76</td>
<td>1,500</td>
</tr>
<tr>
<td>39545</td>
<td>2,500kgs</td>
<td>50</td>
<td>2,000</td>
</tr>
<tr>
<td>39546</td>
<td>2,500kgs</td>
<td>50</td>
<td>1,500</td>
</tr>
</tbody>
</table>

(Complete with spreader bar and chain assembly)

SEE OUR CABLELING ACCESSORIES ON PAGE 35.
Atlas hold an assortment of cabling accessories and ancillaries to assist with all of your cable and pipe pulling activities. The range includes all manner of cable roller, bellmouth, cable stockings, cobra/conduit rod, cable lubricant and duct proving and cleaning equipment to name a few.

Cabling Accessories

Cable Rollers
Standard height rollers for cable up to 76mm dia. Heavy duty and bridge rollers for cabling up to 125mm dia.

Center Rollers
超标 height rollers for cable up to 76mm dia. Heavy duty rollers for cabling up to 125mm dia.

Drop Duct Rollers
Extra wide Drop Rollers are used in ducts for effective cable guiding.

Cable Melting
Cable melting is effective in the duct for eliminating static charges.

Cable Lubricant
Lubricants for power and telecommunications cables, water based and environmentally friendly. Supplied in 20litre pails.

Corner Rollers
Triple corner rollers and angle corner rollers for handling cables on difficult corners.

Cable Stockings
Cable stockings from 6mm up to 130mm. We can offer single eye, double eye and lace up as well as 3 leg stockings for handling triplex cables. Larger sizes and stainless steel or kevlar versions are also available.

Sub Duct Pulling Eyes
Sub duct pulling eyes (carrots) screw in design with clevis pin and eye, size range from 24-29mm and 29-37mm dia. 3 and 4 way pulling slings/harnesses are available for use.

Cable Avoidance Tools
Cable avoidance tools are provided in a range of sizes to locate underground cables.

Swivel Links
Heavy duty swivel links in 3, 5, 10 and 20tonne capacities as standard. Other sizes available on request.

Sub Duct Pulling Eyes
Sub duct pulling eyes (carrots) screw in design with clevis pin and eye, size range from 24-29mm and 29-37mm dia. 3 and 4 way pulling slings/harnesses are available for use.

Cable Stockings
Cable stockings from 6mm up to 130mm. We can offer single eye, double eye and lace up as well as 3 leg stockings for handling triplex cables. Larger sizes and stainless steel or kevlar versions are also available.

Other Drum Handling
For lighter applications we can offer some alternative drum handling solutions including cable drum rotators and drum stands.

Cable Bearing
Bearing available in a range of sizes for light or heavy duty applications.

Cable Mandrels
Cable mandrels are available in a range of sizes. Please contact for specific requirements.

Other Cabling Accessories
· Skid plates and cable bends
· Suspension rollers
· Duct rods
· Measuring wheels
· Cable avoidance tools
· Hydraulic cutters and crimping tools
· Towing heads
· Pipe stoppers and rope blowing tees
· Breakaway fuse connectors
· Pit lifters and keys

Many commonly used items can also be hired as well as purchased with most equipment available for immediate delivery from our extensive stocks or on a next day service. Contact us now for full details.
GENERAL LIFTING EQUIPMENT - LOOSE TACKLE

Atlas can supply all your lifting tackle and testing needs through our group company Lifting Material Supplies. Lifting Material Supplies are experts in supply of wire rope, custom made wire rope slings, chain slings, shackles, hoists and trolleys. We can also carry out inspection and servicing plus onsite testing of trolley beams, hoists and rigging gear.

Our depot in central Scotland stocks an extensive range of lifting equipment. Our experienced staff are available to advise and recommend the best solutions and provide a quick, same-day response to all your lifting equipment requirements.

CONTACT LIFTING MATERIAL SUPPLIES FOR ALL LOOSE TACKLE.

+44 (0) 1236 432 639
info@liftingmaterialsupplies.co.uk
www.liftingmaterialsupplies.co.uk

LOOSE TACKLE SUPPLIES

We stock an extensive range of off-the-shelf loose tackle equipment, from respected names in the industry such as Crosby, Tractel, Gunnebo and William Hackett. See below and overleaf for a small selection of our range.

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We stock an extensive range of off-the-shelf loose tackle equipment, from respected names in the industry such as Crosby, Tractel, Gunnebo and William Hackett. See below and overleaf for a small selection of our range.
Lifting Material Supplies carry out inspection and specialist onsite testing of all lifting equipment – specialist offshore frames and assemblies, lifting beams up to 500 tonnes. Full LOLER inspection and examination services are available. All our lifting and test engineers are LEEA qualified and ISO9001 accredited. Between us we have over 100 years of experience in the lifting industry. Our knowledge and experience mean you can entrust us to take care of all your maintenance and inspection needs. We pride ourselves on our professionalism in all aspects of our work.

TEST FACILITIES AND CAPABILITIES
Our in-house 100tonne static test bed is available for HST and destruction testing. Mobile 160tonne hydraulic test frame available and 400tonne x 9metre reaction beam for on site testing applications. 500tonnes of steel test weights, concrete ballast blocks and water weights available for on and off site testing. Calibrated load cells and load shackles available up to 500 tonnes.

CONTACT LIFTING MATERIAL SUPPLIES FOR ALL LOOSE TACKLE.

CONTACT LIFTING MATERIAL SUPPLIES FOR ALL LOOSE TACKLE.

+44 (0) 1234 432 639 info@liftingmaterialsupplies.co.uk

www.liftingmaterialsupplies.co.uk

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Atlas are not only capable of supplying all your lifting and pulling equipment but also have the knowledge and expertise to offer an extensive range of complimentary support services for your project. From winch engineers, operators and technicians. Atlas can provide all you need – wire rope spooling and lubrication services, cable installation operations, training on the safe use and operation of winches is all available from our experienced team.

Full LOLER inspection and testing services, 100tonne static test bed, 160tonne portable test bench, 400tonne x 9metre reaction beam, 300tonne hydraulic test rams and 500tonnes of site test weights. Qualified winch operators and riggers, electrical and hydraulic technicians are available worldwide.

WINCH OPERATOR TRAINING
In house and onsite accredited training provided for standard cable pulling winch operators. New standard winch operator training available tailor-made to suit clients specific needs.

WINCH OPERATORS/ RIGGERS
Fully qualified and trained onsite and offshore winch operators/riggers available for operators Atlas or clients owned equipment. Worldwide service available.

INSPECTION AND TESTING
LEEA Qualified engineers and technicians available to carry out LLOLER inspection and examinations. In house 100tonne test bed, 150tonne portable test frame, on site load testing up to 1000tonne. Local and nationwide service available.

ROPE SPOOLING OPERATIONS
Specialist rope and cable spooling equipment is available with qualified operators. Umbilical cable change overs, installation at crane roles, re-drumming of redundant cable and wire. Portable units up to 300tonne payload and 30tonne back tension.

TRAILER SALES AND SERVICING
In addition to cable drum trailers Atlas now also offers various plant trailers available for sale and hire, the range include flat bed, 4x4 and tipper trailers. Service, repairs, parts and accessories are available for all makes and models by experienced engineers in fully equipped workshops.

SALES • REFURBISHMENT • SERVICING • TESTING • HIRE • INSPECTION • TRAINING

Atlas have worked tirelessly and unselfishly, they have assisted me and my operations above and beyond our expectations and I would like to thank you all for your most excellent service.

A.Miklaszewicz, Offshore professional, James Fisher and Sons, Marine Services.

The Three Bridges, Firth of Forth Scotland.

DESIGN AND CONSULTATION
Site visits and customer consultative based on time, material availability and subject to produce a quality end product and complete project package. Full certification and documentation provided.

ATLAS SERVICES

Full certification and documentation provided.
Selecting a winch requires more thought than you might think. With over 70 years of experience of winches and the various applications and uses, Atlas has the expertise to help you select the safest and most appropriate equipment for your application.

From a chandelier winch in a grand hotel to a 6-8 point winch mooring system for a quayside, the same type of information is required and Atlas is here to guide you through it.

**WINCH SELECTION GUIDE**

**COMMON REQUIREMENTS WHEN SPECIFYING A WINCH**

- Is the winch for lifting or pulling?
- What capacity do you require?
- What rope length is required to be stored on the drum?
- What winching speed is required?
- Is it a fixed speed or does it need to be variable?

**LINE PULL AND LINE SPEED**

Line pull and line speed vary according to how much wire is on the winch drum. The first wrap or first layer of rope on the drum delivers the slowest speed and the maximum line pull or lifting capacity. A full drum delivers the maximum line speed and the maximum pull or lifting capacity. It is important to understand these principles for an application, by using the winch as a full drum, you can then be sure that in all conditions the winch will handle the specified load.

**LIFTING AND PULLING**

For lifting a load the winch can be directly sized according to the weight of the load plus the wire rope. For hauling, working out the size of the winch is more difficult due to many variables; what are the track or ground conditions on which the load is being hauled? Is there any gradient or incline involved? If so what angle? The type and size of wheels, frictional resistances all need to be considered. We can calculate the winch size accurately using various formulas and based on our own experience.

**USING ROPE BLOCKS**

Multi reeving can be a sensible way of reducing the size of the winch required. By using one or more rope blocks, it is possible to lift or haul many times more than the rated capacity of a winch. A single two fall pulley system as illustrated basically doubles the weight of load that can be lifted, with the load moving at half the winch speed. Reeving systems with up to 12 falls are not uncommon.

**WINCH PERFORMANCES**

**LIFTING AND PULLING**

- **Two Fall Pulley**
  - Full Drum: P \( \times 2 \)
  - Half Drum: P \( \times \frac{3}{2} \)
  - 1st Wrap: P \( \times 3 \)

- **Three Fall Pulley**
  - Full Drum: P \( \times 3 \)
  - Half Drum: P \( \times \frac{5}{3} \)
  - 1st Wrap: P \( \times 4 \)

**USING ROPE BLOCKS**

- **Two-Fall Pulley**
  - Full Drum: MAX. SPEED, MIN. PULL
  - Half Drum: MED. SPEED, MED. PULL
  - 1st Wrap: MIN. SPEED, MAX. PULL

**USING ROPE BLOCKS**

- **Three-Fall Pulley**
  - Full Drum: MAX. SPEED, MIN. PULL
  - Half Drum: MED. SPEED, MED. PULL
  - 1st Wrap: MED. SPEED, MAX. PULL

**USING ROPE BLOCKS**

- **Rope Length**
  - Full Drum: \( 2 \times L \)
  - Half Drum: \( 3 \times L \)

**SCOTLAND** +44 (0) 1899 221 577

**ESSEX** +44 (0) 1371 859 555

OUR EXPERTS ARE ON HAND TO HELP YOU SELECT THE RIGHT EQUIPMENT.
CONTACT US

Atlas have three locations across the UK that serve both UK and international markets:

SCOTLAND
Atlas Winch and Hoist Services Ltd
Old Station Yard
Station Road
Biggar
Scotland
ML12 6DQ
Tel: +44 (0) 1899 221 577

Lifting Material Supplies Ltd
Unit 3D
Monklands Industrial Estate
Kirkshaws Road
Coatbridge
ML5 4RP
Tel: +44 (0) 1236 432 639

You can also reach us online or by email:
info@winchhire.com  www.winchhire.co.uk

ESSEX
Atlas Winch and Hoist Services (Southern) Ltd
Drakeswell Yard
Duck End
Great Dunmow
Essex
CM6 3RY
Tel: +44 (0) 1371 859 555

45 46

SOME OF OUR CUSTOMERS

HENRY ABRAM & SON LTD
ALE – HEAVY LIFT
BAE SYSTEMS
BAM NUTTALL
BALFOUR BEATTY UTILITY SOLUTIONS
BRIGGS MARINE CONTRACTORS
CARRILLION UTILITY
DRAGADOS OFFSHORE SA
ECOSSE SUBSEA SYSTEMS LTD
FORTH CROSSING BRIDGE CONSTRUCTORS JV
FIRST SUBSEA LTD
FORTH PORTS LTD
FURO SEACORE LTD
THE GLENÆAGLES HOTEL
HARLAND & WOLFF HEAVY INDUSTRIES LTD.
MALIN MARINE CONSULTANTS LTD
MARITIME CRAFT SERVICES (ICLYDE) LTD
MORGAN SINDALL
MORRISON UTILITY SERVICES
PRYSMIAN CABLE & SYSTEMS
QATAR SHELL GTL LTD
VOLKER WESSELLS UK
VBMS LTD
ZENITH SAS LTD

J MURPHY & SONS LTD
OCEANERING INT. SERVICES LTD
SKANSKA
TAYLOR WOODROW CONSTRUCTION
TITAN MARITIME / SMIT SALVAGE
QATAR SHELL GTL LTD
VOLKER WESSELLS UK
VBMS LTD
ZENITH SAS LTD
SERVICING • REFURBISHMENT • TRAINING

SALES • INSPECTION • TESTING • HIRE

CONTACT OUR WINCH EXPERTS TODAY

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info@winchhire.com www.winchhire.co.uk