



# Rotrex Winches

Taking the strain. Nationwide. Worldwide.

[www.rotrexwinches.co.uk](http://www.rotrexwinches.co.uk)

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# Rotrex Winches

**We offer the largest range of leading brand winching and lifting equipment to buy or hire in Europe. As well as a substantial inventory of ancillary products and spares and unprecedented expertise – we take the strain, so you don't have to.**

Rotrex Winches, part of the Rotrex Group has a successful history spanning more than four decades. Being the UK's leading winch specialist, a large part of our success is our continual investment in our equipment, the largest range in Europe – which ranges from 100 kilogrammes to 200 tonnes.

With over 500 years' collective experience, not only do we hire and sell winches, we also offer and deliver an exceptional level of on-going service, support and training.

Servicing the whole of the UK, our sites are located in Derby, London and Scotland. We also have a network of trusted partners, worldwide – and, unlike many of our competitors who diversify their offer, we specialise solely in winch and lifting equipment. The Rotrex Group as a company is ISO 9001:2008 BSI accredited across our entire operations.

Rotrex Winches provide the most comprehensive and dedicated range of integrated winch hire, sales, testing, support and training available, together with a true global capability and unparalleled winching expertise. Outside of this range, we also deliver a bespoke design service to adapt or modify any winch to handle unusual situations or applications with confidence.



**A pedigree reaching back more than 4 decades**



**Europe's largest range of winch & lifting products**



**ISO 9001:2008 certified to hire or buy**



**4 UK centres & global network of partners**



# Service and support



**Our dedicated customer service team are always happy to help.**

**We are the leading specialist provider of winch service, support and training, and our commitment to you doesn't end but begins when the winch is deployed.**

Our teams provide worldwide rapid on-site repair support with expertise in electronic/electrical, hydraulic, mechanical and pneumatic systems to guarantee complete peace of mind with each and every purchase.

We also offer a huge stock of spare parts and replacement winches to assist with your own equipment, providing full service and support for winches of virtually any make and size including replacement equipment if required.

#### Centre of excellence

Our workshop is a true centre of excellence. With extensive engineering, repair and rebuild facilities we can maintain almost any size of winch, and with four testing facilities – we cover every aspect of winch testing – so that every winch is fully tested and certified before leaving us.

#### Support contracts

Our support contracts are flexible and tailored around your specific equipment and business needs. This includes providing support contracts for offshore winches too.

#### Contracts include:

- Service and maintenance contracts
- On-site repair
- Support and fault-finding
- System evaluation, upgrade, rebuild, refurbishment and remanufacturing
- Operator training
- LOLER testing



**Maintenance & service contracts to suit your budget**



**On-site upgrade, remanufacture & repairs**



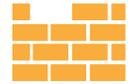
**Operator training & LOLER testing available**



**Centre of excellence offering testing & workshop**

# Industry expertise

Rotrex Winches has over forty years' experience supporting an amazingly wide range of industries, both onshore and offshore.



## Construction

Providing hoists and winches for the construction of almost everything, including bridges, factories, houses and motorways.



## Forestry

Supporting logging and clearance activities, including the use of rugged, off-road winch trucks.



## Marine

Working with docks, ports and the fishing industry, including vital surveying projects.



## Mining and quarrying

Supplying everything from hoists and winches, through to reeling machines for rope changing.



## Offshore

Working with oil, gas and renewable energy companies, typically on large projects, with winches frequently in the 10 tonne to 200 tonne range.



## Powerplants and power stations

Helping petrochemical, nuclear, hydroelectric and electric power companies with the maintenance, refurbishment and upgrades of their powerplants.



## Rail network

Supporting cabling projects large and small, for power or communications, either with new cabling or recabling the current infrastructure.



## Telecoms

Helping with cable recovery and installation and the erection and maintenance of masts, towers and dishes, with winches typically ranging from 500 kilogrammes to 10 tonnes.



## Tunnelling

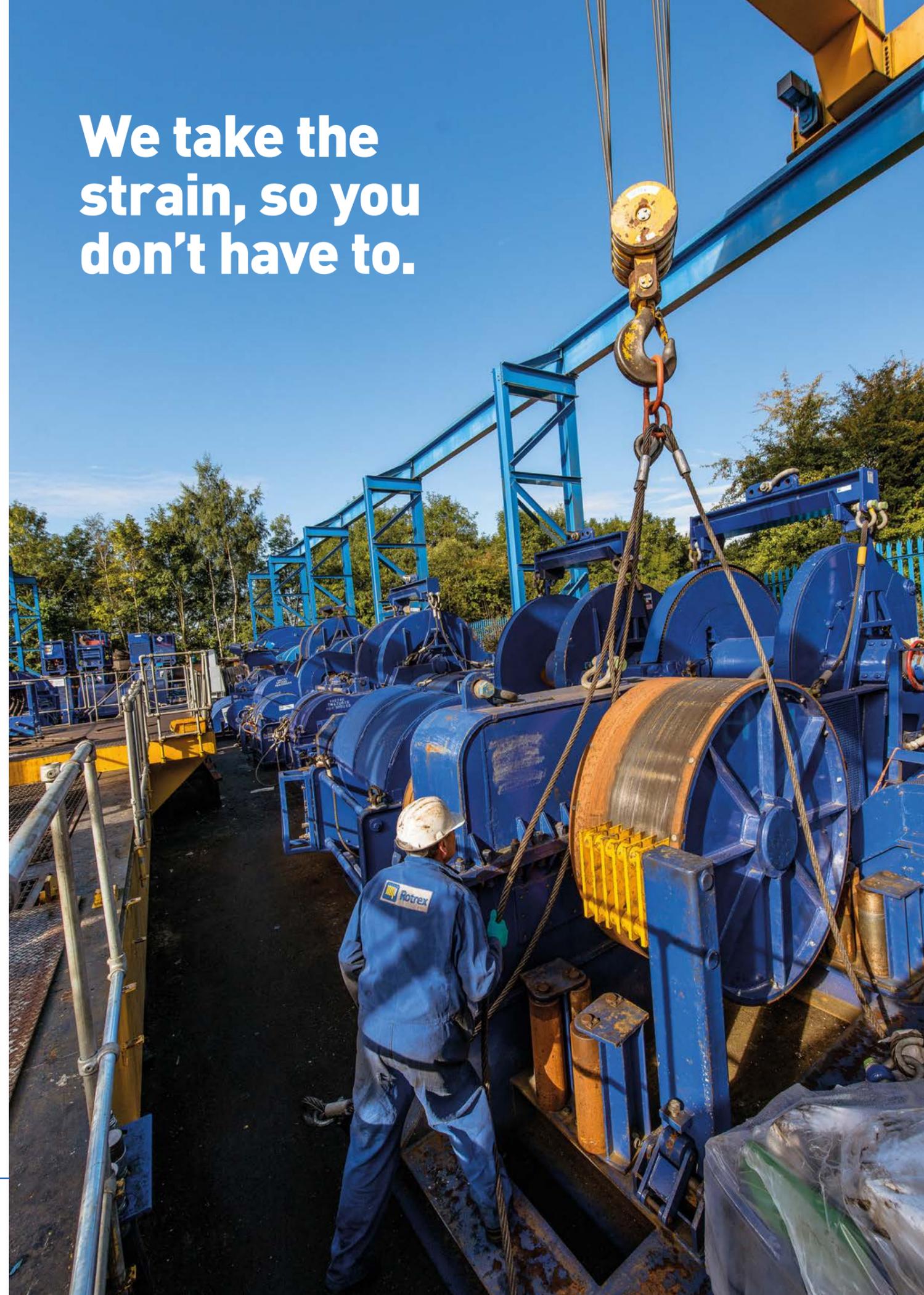
Supplying a wide range of winches and hoists, to support programmes of cable pulling and fitting out.



## Utilities

Working within the gas, water and electric sectors with projects ranging from installation, through to relining, rehabilitation and cleaning and even major projects such as installing overhead lines as part of the national grid upgrades.

# We take the strain, so you don't have to.





# Trailer Winches

## OMAC TWIN BULLWHEEL

	APPLICATION	POWER SOURCE	TYPE	LINE PULL	LINE SPEED	DRUM STORAGE	DIMENSIONS	WEIGHT
<b>2T OMAC</b> Twin Bullwheel Winch	Pulling	Petrol	Twin capstan	2,000kg	80m/min	800m x 8mm	2000mm x 1300mm x 1200mm	800kg
<b>2.5T OMAC</b> Twin Bullwheel Winch	Pulling	Diesel	Twin Capstan	2,600kg	80m/min	500m x 10mm	2100mm x 1300mm x 1300mm	900kg
<b>3T OMAC</b> Twin Bullwheel Winch	Pulling	Diesel	Twin capstan	3,000kg	60m/min	800m x 13mm	2300mm x 1700mm x 1500mm	1400kg
<b>4T OMAC</b> Twin Bullwheel Winch	Pulling	Diesel	Twin capstan	4,000kg	55m/min	1000m x 12mm	2600mm x 1700mm x 1500mm	1600kg
<b>5T OMAC</b> Twin Bullwheel Winch	Pulling	Diesel	Twin capstan	5,000kg	55m/min	1200m x 14mm	3000mm x 1850mm x 1600mm	2150kg
<b>6T OMAC</b> Twin Bullwheel Winch	Pulling	Diesel	Twin capstan	6,000kg	35m/min	1000m x 14mm	3400mm x 1900mm x 1650mm	2350kg
<b>8T OMAC</b> Twin Bullwheel Winch	Pulling	Diesel	Twin capstan	8,000kg	40m/min	1200m x 14mm	3100mm x 1850mm x 1650mm	2300kg
<b>10T OMAC</b> Twin Bullwheel Winch	Pulling	Diesel	Twin capstan	10,000kg	30m/min	1000m x 16mm	3300mm x 1950mm x 1700mm	2800kg
<b>20T OMAC</b> Twin Bullwheel Winch	Pulling	Diesel	Twin capstan	20,000kg	25m/min	1500m x 18mm	3900mm x 2200mm x 1900mm	4200kg
<b>40T OMAC</b> Twin Bullwheel Winch	Pulling	Diesel	Twin capstan	40,000kg	28m/min	1000m x 30mm	5450mm x 2500mm x 2450mm	10500kg
<b>60T OMAC</b> Twin Bullwheel Winch	Pulling	Diesel	Twin capstan	60,000kg	28m/min	1200m x 38mm	5600mm x 2500mm x 2600mm	10500kg

## OMAC DRUM

5T OMAC



	APPLICATION	POWER SOURCE	TYPE	LINE PULL	LINE SPEED	DRUM STORAGE	DIMENSIONS	WEIGHT
<b>2.5T OMAC</b> Drum Trailer Winch	Lifting	Diesel	Drum	2,500kg	70m/min	500m x 10mm	1700mm x 1500mm x 1350mm	800kg
<b>3T OMAC</b> Drum Trailer Winch	Lifting	Diesel	Drum	3,000kg	60m/min	500m x 10mm	2100mm x 1500mm x 1250mm	1000kg
<b>5T OMAC</b> Drum Trailer Winch	Lifting	Diesel	Drum	5,000kg	45m/min	500m x 14mm	2250mm x 1800mm x 1500mm	1500kg
<b>10T OMAC</b> Drum Trailer Winch	Lifting	Diesel	Twin capstan	10,000kg	30m/min	500m x 18mm	2700mm x 2000mm x 1700mm	2500kg

## OMAC OTHER

10T OMAC



	APPLICATION	POWER SOURCE	TYPE	LINE PULL	LINE SPEED	DRUM STORAGE	DIMENSIONS	WEIGHT
<b>10T OMAC</b> Twin Bullwheel Winch on Caterpillar Tracks	Pulling	Diesel	Twin capstan	10,000kg	30m/min	1000m x 16mm	2860mm x 1850mm x 1870mm	4800kg
<b>F420 100 C</b> Model 5B	Pulling	Diesel	Open capstan	10,000kg	14m/min	N/A	4000mm x 2200mm x 1800mm	3200kg

## THOMPSON

THOMPSON 21/60



	APPLICATION	POWER SOURCE	TYPE	LINE PULL	LINE SPEED	DRUM STORAGE	DIMENSIONS	WEIGHT
<b>THOMPSON 5B</b>	Pulling	Diesel	Open capstan	10,000kg	12m/min	N/A	4270mm x 2210mm x 2260mm	3000kg
<b>THOMPSON 21/60</b>	Pulling	Diesel	Drum	3,000kg	24m/min	330m x 16mm	3050mm x 1680mm x 1400mm	1260kg
<b>THOMPSON 35</b>	Pulling	Diesel	Open capstan	3,500kg	28.5m/min	N/A	3550mm x 1220mm x 1300mm	1000kg
<b>THOMPSON 36/4</b>	Pulling	Diesel	Open capstan	2,600kg	33m/min	N/A	2720mm x 1400mm x 1180mm	850kg
<b>THOMPSON 36/2</b>	Pulling	Diesel	Open capstan	2,600kg	33m/min	N/A	2600mm x 1360mm x 1200mm	850kg
<b>THOMPSON 21/60</b>	Lifting	Diesel	Drum	3,000kg	24m/min	290m x 16mm	3050mm x 1680mm x 1400mm	1285kg
<b>THOMPSON 21/40</b>	Pulling	Diesel	Drum	2,000kg	20m/min	250m x 13mm	2550mm x 1360mm x 1270mm	930kg
<b>THOMPSON 45</b>	Pulling	Petrol	Single capstan	2,000kg	8m/min	305m x 9mm	1680mm x 1020mm x 990mm	267kg
<b>THOMPSON ASSIST</b>	Pulling	Petrol	Open capstan	500kg	50m/min	N/A	3300mm x 1650mm x 1260mm	610kg
<b>THOMPSON 21/60</b>	Man-riding	Diesel	Drum	1,000kg	24m/min	290m x 16mm	3050mm x 1680mm x 1400mm	1285kg

## OTHER MANUFACTURERS



	APPLICATION	POWER SOURCE	TYPE	LINE PULL	LINE SPEED	DRUM STORAGE	DIMENSIONS	WEIGHT
<b>KN 500</b>	Pulling	Petrol	Open capstan	500KG	40m/min	N/A	0.383m <sup>3</sup>	86kg
<b>KN 1000</b>	Pulling	Petrol	Open capstan	1,000KG	27m/min	N/A	0.408m <sup>3</sup>	104kg
<b>SAHLINS 210</b>	Pulling	Petrol	Twin capstan	1,000KG	40m/min	500m x 5mm	2500mm x 1270mm x 1050mm	260kg
<b>AW1000</b>	Pulling	Petrol	Open capstan	1,000KG	55m/min	N/A	3160mm x 1480mm x 1540mm	750kg
<b>KE-SP II</b>	Pulling	Petrol	Twin capstan	2,000kg	70m/min	2500m x 8mm	4200mm x 1750mm x 1700mm	1500kg
<b>RW2000</b>	Pulling	Diesel	Twin capstan	2,000kg	60m/min	1000m x 10mm	3500mm x 1650mm x 1300mm	1200kg
<b>TW2000</b>	Pulling	Diesel	Twin capstan	2,000kg	50m/min	500m x 8mm	3150mm x 1500mm x 1480mm	1050kg
<b>CW3000</b>	Pulling	Diesel	Open capstan	3,000kg	30m/min	N/A	3000mm x 1660mm x 1280mm	820kg
<b>TW3000</b>	Pulling	Diesel	Twin capstan	3,000kg	50m/min	500m x 10mm	3150mm x 1500mm x 1480mm	1050kg
<b>KW4000</b>	Pulling	Diesel	Twin capstan	4,000kg	50m/min	850m x 11mm	3380mm x 1650mm x 1300mm	1400kg
<b>RW5000</b>	Pulling	Diesel	Twin capstan	5,000kg	30m/min	650m x 12mm	4200mm x 1600mm x 1300mm	1450kg
<b>RW10</b>	Pulling	Diesel	Twin capstan	10,000kg	15m/min	700m x 16mm	4600mm x 1820mm x 1460mm	2950kg

We're always investing in new machinery, which comes with the latest winch monitoring technology.

## ROTREX SAHLINS 900

### FEATURES

Power source	Petrol
Power source	Air-cooled 4-stroke 14Hp Electric start
Line Pull	Max 2,000kg on 250mm drum diameter
Line Speed	Infinitely variable 0-100mm/min
Weight	400kg
Max drum width	825mm
Max drum diameter	1100mm
Length	2500mm
Width	1850mm
Height	1300mm
Safety	Fail-safe brake hold at stop



WEIGHT  
400kg



MAX 2,000kg  
LINEPULL



FAIL-SAFE  
BRAKE

## ROTREX SAHLINS 902

### FEATURES

Power source	Petrol
Power source	Air-cooled 4-stroke 18Hp Electric start
Line Pull	Max 3,000kg on 250mm drum diameter
Line Speed	Infinitely variable 0-100mm/min
Weight	800kg
Max drum width	1050mm
Max drum diameter	1800mm
Length	3200mm
Width	2350mm
Height	1500mm
Safety	Fail-safe brake hold at stop



WEIGHT  
800kg



MAX 3,000kg  
LINEPULL



FAIL-SAFE  
BRAKE

# Powered Reelers

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# Cable Drum Trailers

## HIGHWAY RANGE – SINGLE AXLE

	PAYLOAD	GROSS VEHICLE WEIGHT	MAX DRUM WIDTH	MAX DRUM DIAMETER	MIN DRUM DIAMETER	SPINDLE DIAMETER	TRAILER WIDTH	TOWING SPEED	TYRES	BRAKING SYSTEM
<b>CD20</b>	830kg	1100kg	1075mm	1070mm	570mm	50mm	1925mm	100Kmh	155 x 80R13	Overrun, Auto Reverse
<b>CD32</b>	1200kg	1600kg	1375mm	2100mm	700mm	50mm	2310mm	100Kmh	175 x 14	Overrun, Auto Reverse
<b>CD40</b>	1500kg	2000kg	1250mm	2200mm	750mm	50mm	2200mm	100Kmh	195 x 14	Overrun, Auto Reverse
<b>CD60</b>	2430kg	3150kg	1280mm	2500mm	1060mm	76mm	2285mm	100Kmh	215 / 75R17.5	Overrun, Auto Reverse
<b>CD70</b>	2770kg	3500kg	1280mm	2500mm	1060mm	76mm	2285mm	100Kmh	215 / 75R17.5	Overrun, Auto Reverse
<b>PT60</b>	2380kg	3150kg	1710mm	3200mm	1420mm	76mm	2520mm	100Kmh	215 / 75R17.5	Overrun, Auto Reverse
<b>PT70</b>	2720kg	3500kg	1600mm	3200mm	1420mm	76mm	2545mm	100Kmh	215 / 75R17.5	Overrun, Auto Reverse
<b>CD130</b>	5350kg	6650kg	1470mm	2860mm	1360mm	76mm	2550mm	100Kmh	11.00 x 22.5	2 Line Air/ Mech C/W ABS
<b>CD140</b>	5085kg	6650kg	1600mm	3800mm	2000mm	89mm	2550mm	100Kmh	11.00 x 22.5	2 Line Air/ Mech C/W ABS

	PAYLOAD	GROSS VEHICLE WEIGHT	MAX DRUM WIDTH	MAX DRUM DIAMETER	MIN DRUM DIAMETER	SPINDLE DIAMETER	TRAILER WIDTH	TOWING SPEED	TYRES	BRAKING SYSTEM
<b>CD60S</b>	3000kg	3750kg	1280mm	2500mm	1060mm	76mm	2285mm	40Kmh	215 / 75R17.5	Overrun
<b>CD130S</b>	7250kg	8550kg	1470mm	2860mm	1360mm	76mm	2550mm	25Kmh	11.00 x 22.5	Overrun
<b>CD130 PSH</b>	8000kg	9300kg	2050mm	3500mm	1850mm	76 + 89mm	3170mm	20Kmh	11.00 x 22.5	Overrun
<b>CD140S</b>	7000kg	8600kg	1600mm	3800mm	2000mm	89mm	2550mm	25Kmh	11.00 x 22.5	Overrun
<b>CD210S</b>	8000kg	9850kg	2000mm	3500mm	2200mm	89mm	3200mm	25Kmh	315 / 70R x 22.5	2 Line Air
<b>CD250S</b>	10000kg	11900kg	2000mm	3500mm	2200mm	89mm	3200mm	15Kmh	315 / 70R x 22.5	2 Line Air

	PAYLOAD	GROSS VEHICLE WEIGHT	MAX DRUM WIDTH	MAX DRUM DIAMETER	MIN DRUM DIAMETER	SPINDLE DIAMETER	TRAILER WIDTH	TOWING SPEED	TYRES	BRAKING SYSTEM
<b>CD310S</b>	12000kg	15400kg	2400mm	4540mm	2400mm	101mm	3660mm	25Kmh	11.00 x 22.5	2 Line Air
<b>CD360S</b>	15000kg	18400kg	2400mm	4540mm	2400mm	127mm	3660mm	16Kmh	11.00 x 22.5	2 Line Air
<b>CD480S</b>	18000kg	21500kg	2400mm	4600mm	2500mm	127mm	3670mm	20Kmh	315 / 70R x 22.5	2 Line Air
<b>CD500S</b>	20000kg	23500kg	2400mm	4600mm	2500mm	127mm	3670mm	15Kmh	315 / 70R x 22.5	2 Line Air
<b>CD700S</b>	30000kg	35000kg	2400mm	4800mm	2700mm	152mm	3820mm	10Kmh	14.00 x 24	2 Line Air
<b>CD900S</b>	40000kg	47750kg	2800mm	5000mm	2900mm	152mm	4270mm	10Kmh	14.00 x 24 Main Axle / 295/60 Bogie	2 Line Air
<b>CD980S</b>	50000kg	58750kg	2800mm	5000mm	2900mm	152mm	4270mm	10Kmh	14.00 x 24 Main Axle / 295/60 Bogie	2 Line Air

# Cable Handling Equipment

## CABLE HANDLING EQUIPMENT

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### CABLE DRUM ROTATORS

Heavy Duty, all steel welded, fitted with one fixed and one adjustable Diablo. Shaped steel roller with sealed bearings.

### CABLE LUBRICANT

A range of high quality lubricants for both the power and telecommunications sectors.

### POWER – PAIL SIZE 20LTR

CL1 techlube H.D – developed for large power and also heavy telecommunications cable. Its high cling factor enables it to remain evenly coated on large diameter cable allowing it to slip into ducts more easily than conventional lubricants.

### TELECOMMUNICATIONS

#### PAIL SIZE 20LTR.

##### LD1 LUBRICANT

Approved to BT specification MAT138C, this emulsion based silicone is product specifically formulated with added micro beads to reduce pulling friction by up to 70%.

##### LD2 LUBRICANT

A lower cost version of the above, it is generally the same as LD1 but without the micro beads.

### CABLE DRUM JACKS

#### HYDRAULIC JACKS

Lightweight hydraulic drum jacks are almost indispensable for use in the cable yard. They are versatile and easily adjustable within seconds to accommodate a vast range of drums, with excellent all round stability and fitted with wheels to be easily moved by one person. We supply them complete with spindle and collars.

### JACK TOWERS

Jack Towers are designed for heavy drum lifts. Robust engineered construction with hydraulic jacks and adjustable height spindle support blocks.

### CABLE ROLLERS

Straight Rollers and Corner Rollers.

### CABLE STOCKINGS

Sometimes called cable socks or cable grips, they are an efficient method of supporting or pulling cables. They are manufactured from high tensile galvanized steel wire. They are also available on request in stainless steel wire or Kevlar.

### CABLE SWIVELS

Designed to remove the twist inherent in rope coming off a drum, cable swivels perform an important role. Our range benefits from high-tensile steel construction and all our cable swivels are fully tested for safety and performance.

### CONDUIT RODS

A high quality, glass fibre reinforced, helically wound, epoxy rod giving good adhesion properties for the outer polyethylene coating. This construction gives excellent bending elasticity which makes it ideal for short to long installations into ducts. It is an ideal and fast way of installing draw ropes and winch ropes into ducts, ready for cable pulling operations. The 9mm, 11mm and 14mm rod comes complete on a mobile frame for easy manoeuvrability. The 4mm and 6mm versions are on a free standing frame. All units are designed and built for easy handling, and all rods come complete with guide tips. A full range of accessories are also available, and all sizes are available as spare rod only. Non standard lengths are available on request.

### HYDRAULIC CUTTERS

The hydraulic cutters we offer are designed for cutting up to 76mm copper cable, they operate at approximately 100 bar and have a shoulder strap for ease of use.

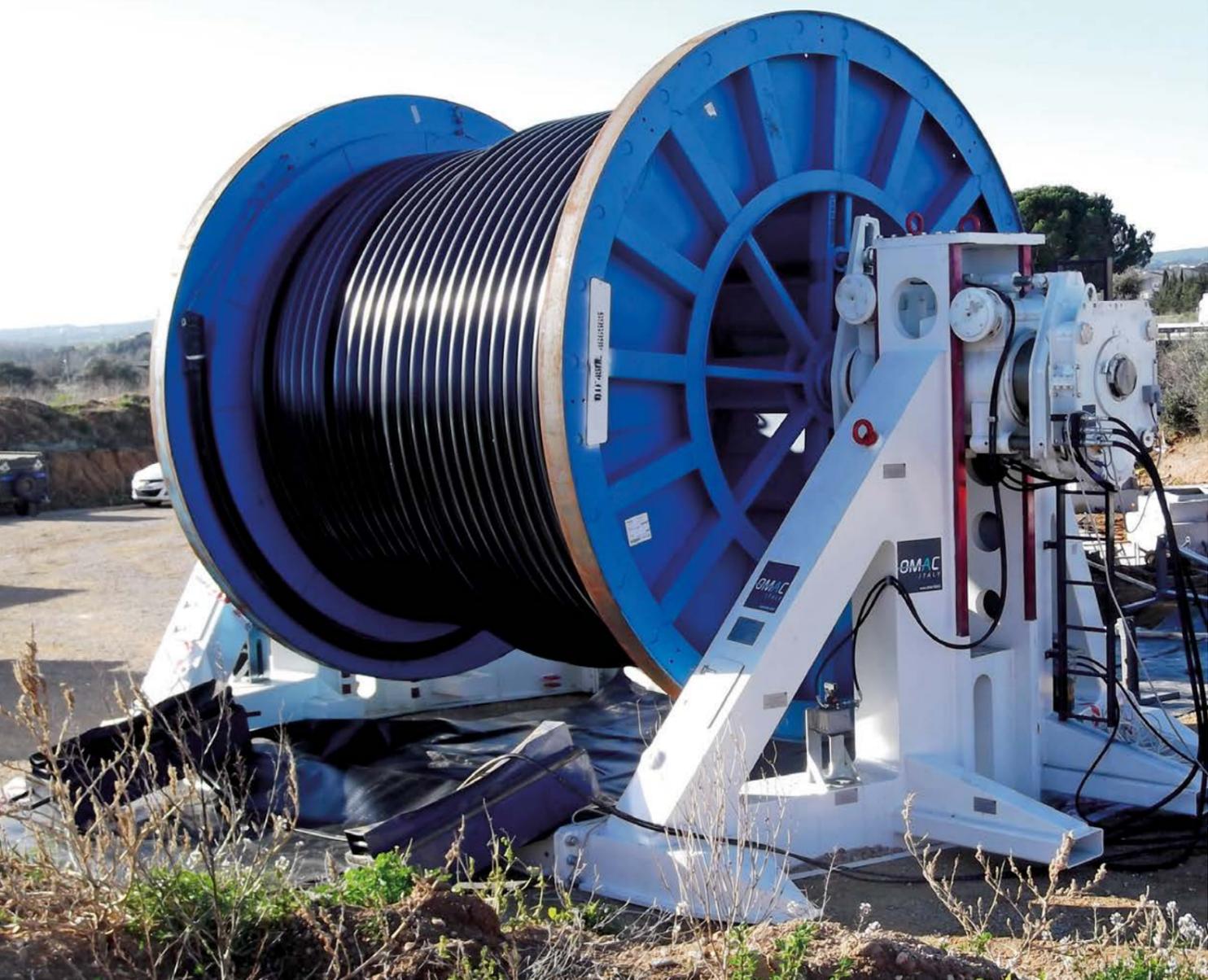
They have been manufactured in accordance with ISO 9001, and for safety reasons the cutting jaws will not operate unless the two levers (front and back) are applied.

### SUB DUCT PULLING EYES

We also supply sub duct pulling eyes (carrots) with clevis pin and eye the other end to attach draw rope etc. unit tapered and threaded to cover range.

**PE1** – Pulling eye for sub duct range 24-29mm.

**PE2** – Pulling eye for sub duct range 29-37mm.



# Cable Blowing and Pushing Equipment



## CABLE BLOWING AND PUSHING EQUIPMENT



	WEIGHT	FOR CABLE DIAMETER	FOR DUCT EXTERNAL DIAMETER	CABLE LAYING SPEED (CONTINUOUSLY VARIABLE)	OPERATING PRESSURE	RECOMMENDED COMPRESSOR OUTPUT	AIR CONSUMPTION OF COMPRESSED AIR MOTOR	DIMENSIONS (LxWxH)
<b>FIBRECAT</b> Cable Blowing System	35kg	10-27mm	32-50mm	60m/min	Max. 10 Bar	7-10m <sup>3</sup> /min	Max. 1.35m <sup>3</sup> /min	735mm x 370mm x 415mm
<b>TORNADO</b> Cable Blowing System	70kg	6-32mm	25-63mm	90m/min	Max. 12 Bar	8.5-11.5m <sup>3</sup> /min	N/A	1060mm x 700mm x 1230mm

When working in an environment where there's a risk of damage to cables being installed into pipes or ducts, cable blowing and pushing equipment is a perfect solution.

Both systems in our range offer a cost effective solution for blowing-in telecommunications cables into empty ducts. Even copper cable can be laid efficiently and at high speed.

Blowing-in cables is one of the most gentle solutions for cable laying because only light pulling forces, far below the permissible values, are exerted onto the cable.

These systems are very popular due to their high mobility, ease of handling and reliability.



# Softrak

## SOFTRAK



The Rotrex Softrak ATV is the foremost in low ground pressure machines available for hire. It is able to traverse steep slopes as a result of its exceptional ground clearance and low centre of gravity.

Softrak is able to cross very soft ground or deep snow with ease due to its extremely low ground pressure Bridgestone rubber tracks. Unlike rigid track systems, the rubber track has been designed with flexible edges so that it can deflect over obstacles and not cut into soft ground whilst manoeuvring, making it ideal for sensitive environments or highway surfaces. With rubber mounted floating bogies, a smooth ride is delivered, over even the roughest terrain.



**WEIGHT**  
2,200 kg



**DIESEL kW**  
42/48kW  
DIESEL



**190 Nm**  
@ 1800 rpm

### TRACK

<b>Track</b>	Bridgestone rubber track system with fully floating bogies and hydraulic tensioning
<b>Track width</b>	600 mm
<b>Max tractive effort</b>	3,200 kg
<b>Maximum speed</b>	13 kph
<b>Ground pressure (unladen)</b>	0.09 bar (1.35 psi)

### TRANSMISSION

<b>Transmission</b>	Fully hydrostatic complete with servo operated pumps and 2 speed track motors
<b>Pump capacity</b>	2 x 63 ltr/min
<b>Motor capacity</b>	2 x 750/375cc
<b>System pressure</b>	350 bar
<b>Hydraulic oil capacity</b>	90 ltr

### ENGINE

<b>Engine</b>	Lombardini 4 cylinder 2068 / 2199 cc
<b>Power output</b>	42 / 48 kw
<b>Max torque</b>	165 Nm @ 2,000 rpm / 190 Nm @ 1,800 rpm
<b>Fuel tank capacity</b>	45 ltr

### CAPABILITY

<b>Fuel</b>	Diesel
<b>Weight (base machine)</b>	2,200 kg
<b>Payload</b>	2,000 kg

AIR WINCHES – LIFTSTAR RANGE

	APPLICATION	POWER SOURCE	POWER SOURCE	LINE PULL	LINE SPEED	DRUM STORAGE	WINCH CONTROL	WINCH FASTENING	WEIGHT
<b>LIFTSTAR 300</b>	Lifting	Air	6.3 bar (90 psi) @ 2.2m <sup>3</sup> /min (77 cfm)	300kg	0-40m/min	307m x 5mm	Control lever on winch	Bolted or welded via deck plates	49kg
<b>LIFTSTAR 600</b>	Lifting	Air	6.3 bar (90 psi) @ 2.2m <sup>3</sup> /min (77 cfm)	600kg	0-30m/min	60m x 6.5mm	Control lever on winch	Bolted or welded via deck plates	28kg
<b>LIFTSTAR 1500</b>	Lifting	Air	6.3 bar (90 psi) @ 3.5m <sup>3</sup> /min (125 cfm)	1,500kg	0-20m/min	32m x 10mm	Control lever on winch	Bolted or welded via deck plates	63.5kg
<b>LIFTSTAR 2000</b>	Lifting	Air	7 bar (100 psi) @ 10m <sup>3</sup> /min (350 cfm)	2,000kg	0-50m/min	103m x 13mm	Control lever on winch	Bolted or welded via deck plates	230kg
<b>LIFTSTAR 5000</b>	Lifting	Air	7 bar (100 psi) @ 10m <sup>3</sup> /min (350 cfm)	5,000kg	0-10m/min	473m x 19mm	Control lever on winch	Bolted or welded via deck plates	760kg



# Base Mounted Winches



	APPLICATION	POWER SOURCE	POWER SOURCE	LINE PULL	LINE SPEED	DRUM STORAGE	WINCH CONTROL	WINCH FASTENING	WEIGHT
<b>PULLSTAR 1000</b>	Pulling	Air	6.3 bar (90 psi) @ 2.2m <sup>3</sup> /min (78 cfm)	1,000kg	0-39m/min	183m x 6.5mm	Control lever on winch	Bolted or welded via deck plates	47kg
<b>PULLSTAR 2400</b>	Pulling	Air	6.3 bar (90 psi) @ 3.6m <sup>3</sup> /min (125 cfm)	2,400kg	0-16m/min	120m x 10mm	Control lever on winch	Bolted or welded via deck plates	76kg
<b>PULLSTAR 4000</b>	Pulling	Air	6.3 bar (90 psi) @ 10m <sup>3</sup> /min (354 cfm)	4,000kg	0-49m/min	230m x 13mm	Control lever on winch	Bolted or welded via deck plates	278kg
<b>PULLSTAR 10000</b>	Pulling	Air	6.3 bar (90 psi) @ 10m <sup>3</sup> /min (354 cfm)	10,000kg	0-24m/min	473m x 19mm	Control lever on winch	Bolted or welded via deck plates	755kg



PULLSTAR 2400

	APPLICATION	POWER SOURCE	POWER SOURCE	LINE PULL	LINE SPEED	DRUM STORAGE	WINCH CONTROL	WINCH FASTENING	WEIGHT
<b>LIFTAIR 600</b>	Lifting	Air	6.3 bar (90 psi) @ 3m <sup>3</sup> /min (105 cfm)	600kg	0-40m/min	60m x 6.5mm	Control lever on winch	Bolted or welded via deck plates	38kg
<b>LIFTAIR 1500</b>	Lifting	Air	6.3 bar (90 psi) @ 3m <sup>3</sup> /min (105 cfm)	1,500kg	0-22m/min	80m x 10mm	Control lever on winch	Bolted or welded via deck plates	72kg
<b>PENTAIR 1500</b>	Lifting	Air	6.3 bar (90 psi) @ 3m <sup>3</sup> /min (105 cfm)	1,500kg	0-20m/min	180m x 9mm	Control lever on winch	Bolted or welded via deck plates	70kg
<b>HALAIR 1500</b>	Pulling	Air	6.3 bar (90 psi) @ 3m <sup>3</sup> /min (105 cfm)	1,500kg	0-20m/min	180m x 10mm	Control lever on winch	Bolted or welded via deck plates	64kg
<b>PENTAIR 2000</b>	Lifting	Air	6.3 bar (90 psi) @ 3m <sup>3</sup> /min (105 cfm)	2,000kg	0-16m/min	30m x 13mm	Control lever on winch	Bolted or welded via deck plates	50kg
<b>SAMIIA TSOR</b>	Pulling	Air	7 bar (100 psi) @ 6m <sup>3</sup> /min (212 cfm)	700kg each drum	0-42m/min	60m x 8mm, 50m x 9mm, 40m x 10mm	Control lever on winch	Bolted or welded via deck plates	230kg
<b>GLOBE W10</b>	Lifting	Air	6.3 bar (90 psi) @ 8.5m <sup>3</sup> /min (300 cfm)	3,000kg	0-10m/min	305m x 19mm	Control lever on winch	Bolted or welded via deck plates	750kg
<b>POWAIR 35B</b>	Lifting	Air	7 bar (100 psi) @ 10m <sup>3</sup> /min (350 cfm)	3,500kg	0-30m/min	230m x 16mm	Control lever on winch	Bolted or welded via deck plates	470kg
<b>POWAIR 50B</b>	Lifting	Air	7 bar (100 psi) @ 10m <sup>3</sup> /min (350 cfm)	5,000kg	0-20m/min	292m x 18mm	Control lever on winch	Bolted or welded via deck plates	900kg
<b>ROTEX NE10</b>	Lifting	Air	300 l/sec (635 CFM) @ 6 Bar	13,230 kg on first layer	8.6 - 15.5 m/min	630m x 26mm	Control lever on winch	Bolted or welded via deck plates	1600kg

**AIR WINCHES – MAN-RIDING RANGE**

	APPLICATION	POWER SOURCE	POWER SOURCE	LINE PULL	LINE SPEED	DRUM STORAGE	WINCH CONTROL	WINCH FASTENING	WEIGHT
<b>P1A</b>	Man-riding	Air	6 bar (90 psi) @ 3m <sup>3</sup> /min (105 cfm)	1,000kg	0-10m/min	100m x 13mm	Control lever on winch	Bolted or welded via deck plates	200kg
<b>LIFTSTAR 1000RLP</b>	Man-riding	Air	6.3 bar (90 psi) @ 7m <sup>3</sup> /min (250 cfm)	1,000kg	0-60m/min	230m x 13mm	Control lever on winch	Bolted or welded via deck plates	340kg
<b>FA2I-MR</b>	Man-riding	Air	6.3 bar (90psi) @8m <sup>3</sup> /min	1,445kg	0-23m/min	430m x 13mm	Control lever on winch	Bolted or welded via deck plates	420kg
<b>FA5I-MR</b>	Man-riding	Air	6.3 bar (90psi) @20m <sup>3</sup> /min	3,120kg	0-23m/min	411m x 19mm	Control lever on winch	Bolted or welded via deck plates	907kg

**FA5A**



**FA5I**

**AIR WINCHES – FA RANGE**

	APPLICATION	POWER SOURCE	POWER SOURCE	LINE PULL	LINE SPEED	DRUM STORAGE	WINCH CONTROL	WINCH FASTENING	WEIGHT
<b>FA2I</b>	Lifting	Air	6.3 bar (90psi) @8m <sup>3</sup> /min	2,000kg	0-17m/min	298m x 13mm	Control lever on winch	Bolted or welded via deck plates	386kg
<b>FA2.5I</b>	Lifting	Air	6.3 bar (90psi) @20m <sup>3</sup> /min	2,270kg	0-40m/min	203m x 16mm	Control lever on winch	Bolted or welded via deck plates	481kg
<b>FA5I</b>	Lifting	Air	6.3 bar (90 psi) @ 19.9m <sup>3</sup> /min (700 cfm)	5,000kg	0-16m/min	347m x 19mm, 254m x 22mm	Control lever on winch	Bolted or welded via deck plates	900kg
<b>FA5A</b>	Lifting	Air	6.3 bar (90 psi) @ 20.0m <sup>3</sup> /min (700 cfm)	4,545kg	0-13m/min	486m x 16mm, 366m x 19mm	Control lever on winch	Bolted or welded via deck plates	569kg
<b>FA7I</b>	Lifting	Air	6.3 bar (90psi) @21m <sup>3</sup> /min	7,000kg	0-12m/min	268m x 22mm	Control lever on winch	Bolted or welded via deck plates	1000kg
<b>FA10I</b>	Lifting	Air	6.3 bar (90 psi) @ 22.7m <sup>3</sup> /min (800 cfm)	10,000kg	0-7m/min	405m x 25mm, 313m x 29mm	Control lever on winch	Bolted or welded via deck plates	1451kg

	APPLICATION	POWER SOURCE	POWER SOURCE	LINE PULL	LINE SPEED	DRUM STORAGE	WINCH CONTROL	WINCH FASTENING	WEIGHT
<b>NIM E0.5</b>	Lifting	Electric	415V - 50HZ - 3 PHASE	500kg	0-6m/min	220m x 6mm	Control box fitted on winch	Bolted or welded via deck plates	310kg
<b>NIM E1</b>	Lifting	Electric	415V - 50HZ - 3 PHASE	1,000 kg	0-9m/min	137m x 11mm	Control box fitted on winch	Bolted or welded via deck plates	310kg
<b>THOMPSON E2</b>	Lifting	Electric	415V - 50HZ - 3 PHASE	2,000 kg	0-10m/min	334m x 12mm	Control box fitted on winch	Bolted or welded via deck plates	650kg
<b>VERLINDE 2.5T</b>	Lifting	Electric	415V - 50HZ - 3 PHASE	2,500 kg	0-4.5m/min	220m x 16mm	Control box fitted on winch	Bolted or welded via deck plates	520kg
<b>SOUTHERN COUNTIES 3S</b>	Lifting	Electric	415V - 50HZ - 3 PHASE	3,000 kg	0-9m/min	400m x 16mm	Control box fitted on winch	Bolted or welded via deck plates	1000kg
<b>SOUTHERN COUNTIES 3L</b>	Lifting	Electric	415V - 50HZ - 3 PHASE	3,000 kg	0-9m/min	600m x 16mm	Control box fitted on winch	Bolted or welded via deck plates	1300kg
<b>NIM E3</b>	Lifting	Electric	415V - 50HZ - 3 PHASE	3,000 kg	0-15m/min	260m x 16mm	Control box fitted on winch	Bolted or welded via deck plates	780kg
<b>COLT 6E</b>	Pulling	Electric	415V - 50HZ - 3 PHASE	6,000 kg	0-15m/min	950m x 16mm	Control box fitted on winch	Bolted or welded via deck plates	2500kg

	APPLICATION	POWER SOURCE	POWER SOURCE	LINE PULL	LINE SPEED	DRUM STORAGE	WINCH CONTROL	WINCH FASTENING	WEIGHT
<b>LIFTSTAR 600H</b>	Lifting	Hydraulic	90 bar (1280 psi) @ 28 litre/min (6 gallon/min)	600kg	0-27m/min	60m X 6.5mm	Via remote manually operated control stand	Bolted or welded via deck plates	25kg
<b>NIM 4MR</b>	Man-riding	Hydraulic	210 bar (3000 psi) @ 65 litre/min (14.25 gallon/min)	4,000kg	0-20m/min	130m x 19mm	Via remote manually operated control stand	Bolted or welded via deck plates	-
<b>BOLTON SINGLE-DOUBLE DRUM</b>	Pulling	Hydraulic	210 bar (3000 psi) @ 77 litre/min (17 gallon/min)	5,000kg	0-17m/min	228m x 16mm EACH DRUM	Control lever on winch	Bolted or welded via deck plates	2400kg
<b>ROTREX C6.5NE</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 275 L/min @ 210 bar	Variable up to 6.5 tonnes maximum on 1st layer	Variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via secondary base frame & deck plates	1800kg
<b>ROTREX NH8</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 120 L/min @ 210 bar	Variable up to 8 tonnes maximum on 1st layer	Variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via secondary base frame & deck plates	2900kg
<b>ROTREX W12</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 180 L/min @ 210 bar	Variable up to 12 tonnes maximum on 1st layer	Variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via secondary base frame & deck plates	2700kg

	APPLICATION	POWER SOURCE	POWER SOURCE	LINE PULL	LINE SPEED	DRUM STORAGE	WINCH CONTROL	WINCH FASTENING	WEIGHT
<b>ROTREX NH17</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 180 L/min @ 210 bar	Variable up to 17 tonnes maximum on 1st layer	Variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via secondary base frame & deck plates	2800kg
<b>ROTREX NH18</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 300 L/min @ 210 bar	Variable up to 18 tonnes maximum on 1st layer	Two-speed, variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via deck plates	5700kg
<b>ROTREX NH25</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 300 L/min @ 210 bar	Variable up to 25 tonnes maximum on 1st layer	Two-speed, variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via deck plates	6200kg
<b>ROTREX MS25</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 365 L/min @ 210 bar	Variable up to 25 tonnes maximum on 1st layer	Two-speed, variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via deck plates	4700kg
<b>ROTREX MS40NE</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 600 L/min @ 210 bar	Variable up to 40 tonnes maximum on 1st layer	Two-speed, variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via secondary base frame & deck plates	4800kg
<b>ROTREX HB40</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 320 L/min @ 210 bar	Variable up to 40 tonnes maximum on 1st layer	Two-speed, variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via deck plates	6000kg

	APPLICATION	POWER SOURCE	POWER SOURCE	LINE PULL	LINE SPEED	DRUM STORAGE	WINCH CONTROL	WINCH FASTENING	WEIGHT
<b>ROTREX TN41.5</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 1000 L/min @ 210 bar	Variable up to 41.5 tonnes maximum on 1st layer	Variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via secondary base frame	10200kg
<b>ROTREX AN52</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 700 L/min @ 210 bar	Variable up to 52 tonnes maximum on 1st layer	Two-speed, variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via secondary base frame	12800kg
<b>ROTREX SP60</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 320 L/min @ 210 bar	Variable up to 60 tonnes maximum on 1st layer	Two speed, variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via secondary base frame	14500kg
<b>ROTREX SP90</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 1000 L/min @ 210 bar	Variable up to 90 tonnes maximum on 1st layer	Variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via secondary base frame	16500kg
<b>ROTREX NE200</b>	Lifting	Hydraulic	Open hydraulic circuit with maximum 1200 L/min @ 220 bar	Variable up to 200 tonnes maximum on 1st layer	Two-speed, variable depending on supplied hydraulic power pack	Variable depending on required rope diameter (see info)	Via remote manually operated control stand	Bolted or welded via mounting brackets	37500kg

## DIESEL WINCHES

	APPLICATION	POWER SOURCE	POWER SOURCE	LINE PULL	LINE SPEED	DRUM STORAGE	WINCH CONTROL	WINCH FASTENING	WEIGHT
TR2	Lifting & Pulling	Diesel	4 cylinder diesel engine	10,000kg	11m/min @ 10,000kg - 23m/min (max) @ 4,000kg	354m x 32mm	Control lever on winch	Bolted or welded via deck plates	4774kg



TR2



# Air Hoists



## AIR HOISTS



	CAPACITY METRIC TONS	CHAIN FALLS	LIFTING SPEED (AT RATED LOAD)	LOWERING SPEED (AT RATED LOAD)	FREE AIR CONSUMPTION	STANDARD HEADROOM	NET WEIGHT	WEIGHT OF CHAIN PER M OF LIFT
<b>LCA015SIP2C</b>	1.5	1	4m/min	6.5m/min	74 scfm / 2.1m <sup>3</sup> /min	435mm	50kg	1.5kg
<b>LCA030DIP2C</b>	3	2	2m/min	3.2m/min	74 scfm / 2.1m <sup>3</sup> /min	570mm	60kg	3kg
<b>LCA030SIP2C</b>	3	1	3.2m/min	7m/min	124 scfm / 3.5m <sup>3</sup> /min	560mm	80kg	3.8kg
<b>LCA060DIP2C</b>	6	2	1.6m/min	3.5m/min	124 scfm / 3.5m <sup>3</sup> /min	728mm	100kg	7.6kg
<b>LCA060SIP2C</b>	6	1	1.8m/min	3m/min	124 scfm / 3.5m <sup>3</sup> /min	735mm	130kg	5.7kg
<b>LCA120DIP2C</b>	12	2	0.9m/min	1.5m/min	124 scfm / 3.5m <sup>3</sup> /min	986mm	180kg	11.4kg
<b>LCA180TIP2C</b>	18	3	0.5m/min	1m/min	124 scfm / 3.5m <sup>3</sup> /min	1085mm	220kg	17.1kg
<b>PP25HS</b>	25	2	2.1m/min	3.5m/min	530 scfm / 15m <sup>3</sup> /min	1264mm	500kg	21.4kg
<b>LCA250QIP2C</b>	25	4	0.4m/min	0.75m/min	124 scfm / 3.5m <sup>3</sup> /min	1111mm	230kg	23kg
<b>H2A25</b>	25	2	1.2m/min	1.8m/min	282 scfm / 8m <sup>3</sup> /min	1187mm	764kg	21.4kg
<b>PP50HS</b>	50	4	1.05m/min	1.75m/min	530 scfm / 15m <sup>3</sup> /min	1663mm	950kg	42.8kg
<b>PP50LS</b>	50	4	0.63m/min	1m/min	353 scfm / 10m <sup>3</sup> /min	1663mm	920kg	42.8kg

# Power Packs



## ROTREX DIESEL HYDRAULIC POWER UNITS

ELECTRIC  
**kW**

24-237kW  
DIESEL  
POWER



15-240 bar  
PRESSURE  
RANGE



12v Battery  
KEY START  
& LOCAL STOP



This range of Rotrex engineered hydraulic power units have a substantial base frame and are protected by a tubular crash frame suitable for onshore and offshore handling.

Certified lifting points and dedicated lifting slings are provided as standard.

These power units comprise of a diesel engine fitted with a battery operated, turn key starting system. Hydraulic power is provided by a fixed displacement pump that is fed from a hydraulic oil tank through a filtration system. The hydraulic oil temperature is regulated by an air fan or water cooling options.

Overload protection is provided via an adjustable hydraulic pressure relief valve. Hydraulic oil flow has the option to be regulated.

### FEATURES

<b>Power Plant:</b>	24kw – 237kw diesel engines with variable engine speed.
<b>Hydraulic Oil Flow:</b>	Fixed displacement 10 l/min – 1200 l/min.
<b>Hydraulic Pressure:</b>	Variable pre-set range from 15 bar – 240 bar. Higher pressure may be available upon request.
<b>Safety Features:</b>	Hydraulic pressure overload protection.
<b>Controls:</b>	Key start via 12v battery and local engine stop.
<b>Weight/Dimensions:</b>	Detailed general arrangement drawings available upon request.

## ROTREX ZONE 2 DIESEL HYDRAULIC POWER UNITS

**DIESEL  
kW**

80-112kW  
DIESEL  
POWER



15-240 bar  
PRESSURE  
RANGE



**PUSH BUTTON  
AIR START/  
LOCAL &  
REMOTE STOP**



This range of Rotrex engineered hydraulic power units are Zone 2 certified and comply with British/European, ATEX and IEC standards.

The power units have a substantial base frame and are protected by a tubular crash frame suitable for onshore and offshore handling. Certified lifting points and dedicated lifting slings are provided as standard.

These power units comprise of a diesel engine fitted with a certified Zone 2 safety system providing local and remote emergency shutdown facilities. Hydraulic power is provided via either fixed or variable displacement pump options that are fed from a common hydraulic oil tank through a filtration system.

Hydraulic oil temperature is regulated by an air fan or water cooling options.

Overload protection is provided via an adjustable hydraulic pressure relief valve. Hydraulic oil flow has the option to be regulated.

### FEATURES

<b>Power Plant:</b>	80kw – 112kw diesel engines with variable engine speed.
<b>Hydraulic Oil Flow:</b>	Fixed and variable displacement 10 l/min – 300 l/min.
<b>Hydraulic Pressure:</b>	Variable pre-set range from 15 bar – 240 bar. Higher pressure may be available upon request.
<b>Safety Features:</b>	Spark arrestors, exhaust flame traps, low oil pressure shutdown, high exhaust temperature shutdown, high water temperature shutdown and yellow alert emergency shutdown system. Hydraulic pressure overload protection.
<b>Controls:</b>	Push button air start with local and remote stop.
<b>Weight/Dimensions:</b>	Detailed general arrangement drawings available upon request.

## ROTREX ELECTRO HYDRAULIC POWER UNITS

**ELECTRIC  
kW**

11-110kW  
ELECTRIC  
POWER



15-240 bar  
PRESSURE  
RANGE



**PUSH BUTTON  
START AND  
STOP**



This range of Rotrex engineered hydraulic power units have a substantial base frame and are protected by a tubular crash frame suitable for onshore and offshore handling. Certified lifting points and dedicated lifting slings are provided as standard.

These power units comprise of an electric motor and switch gear enclosure. We can also offer twin electric motor power units for providing dual hydraulic circuits or to give 100% breakdown contingency. Hydraulic power is provided by a fixed displacement pump that is fed from a common hydraulic oil tank through a filtration system. Hydraulic oil temperature is regulated by an air fan or water cooling options.

Overload protection is provided via an adjustable hydraulic pressure relief valve. Hydraulic oil flow has the option to be regulated.

### FEATURES

<b>Power Plant:</b>	11kw – 110kw electric motors.
<b>Hydraulic Oil Flow:</b>	Fixed displacement 10 l/min – 300 l/min.
<b>Hydraulic Pressure:</b>	Variable pre-set range from 15 bar – 240 bar. Higher pressure may be available upon request.
<b>Safety Features:</b>	Hydraulic pressure overload protection.
<b>Controls:</b>	Push button start and stop.
<b>Weight/Dimensions:</b>	Detailed general arrangement drawings available upon request.

## ROTREX ZONE 2 ELECTRO HYDRAULIC POWER UNITS

**DIESEL  
kW**

80-112kW  
DIESEL  
POWER



15-240 bar  
PRESSURE  
RANGE



**PUSH BUTTON  
AIR START/  
LOCAL &  
REMOTE STOP**



This range of Rotrex engineered hydraulic power units are Zone 2 certified and comply with British/European and IEC standards.

The power units have a substantial base frame and are protected by a tubular crash frame suitable for onshore and offshore handling. Certified lifting points and dedicated lifting slings are provided as standard.

These power units comprise of an electric motor and switch gear enclosure that are fully EExd compliant. Hydraulic power is provided by a fixed displacement pump that is fed from a common hydraulic oil tank through a filtration system. Hydraulic oil temperature is regulated by an air fan or water cooling options.

Overload protection is provided via an adjustable hydraulic pressure relief valve. Hydraulic oil flow has the option to be regulated.

### FEATURES

<b>Power Plant:</b>	80kw – 112kw diesel engines with variable engine speed.
<b>Electric Supply:</b>	380v/3ph/50Hz, 415v/3ph/50Hz or 440v/3ph/60Hz options.
<b>Hydraulic Oil Flow:</b>	Variable displacement 10 l/min – 300 l/min.
<b>Hydraulic Pressure:</b>	Variable pre-set range from 15 bar – 240 bar. Higher pressure may be available upon request.
<b>Safety Features:</b>	Full EExd compliant electric motors and components. Hydraulic pressure overload protection.
<b>Controls:</b>	Push button air start with local and remote stop.
<b>Weight/Dimensions:</b>	Detailed general arrangement drawings available upon request.



**We have our own  
dedicated testing  
facilities to give you  
extra assurance.**

# Deck Equipment



## DECK EQUIPMENT

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Deck Equipment

### VERTICAL AND HORIZONTAL DECK SHEAVES

Rotrex deck sheaves are highly versatile and are primarily used for diverting the winch wire rope path through various angles.

Typical uses include over-boarding and deck winch wire rope routing. Rotrex deck sheaves have custom built deflection rollers that enable high angle entry of the wire rope onto the sheave thus eliminating damage to the wire rope and sheave. This is beneficial when deck space does not allow for the winch and deck sheave to be positioned close enough to provide the recommended degree of fleeting angle onto the sheave.

### SWIVEL AND ROLLER BOX FAIRLEADS

Swivel head fairleads are designed for over-boarding wire rope.

The swivel head function ensures that the wire rope remains firmly on the diverter sheave by automatically compensating for any excessive fleet angle that would normally cause damage to the sheave and rope.

### SHACKLES

Rotrex Winches offer different types of shackles in various sizes to suit most applications.

### SNATCH BLOCKS AND MULTI SHEAVE BLOCKS

Single sheave snatch blocks with swivel shackle head fittings ranging from 1.0 tonne to 150 tonnes SWL.

Access through opening side plate to enable easy reeving of the wire rope without the need to remove the end termination.

### HYDRAULIC HOSE BUNDLES

Rotrex hydraulic hoses are supplied in standard 5 metre sections.

The advantage of this is that any hose length can be achieved by simply connecting the required amount together.

### AIR HOSE BUNDLES

Rotrex air hoses are supplied in standard 15 metre sections.

The advantage of this is that any hose length can be achieved by simply connecting the required amount together.

### AIR COMPRESSORS

Various models are available to provide simple solutions for providing air on site locations that have limited or no power resource.

Rotrex can provide mobile and skid mounted options that are suitable for working in most environments including Zone 2 hazardous areas both onshore and offshore.



# Winch Ancillary Equipment

## WINCH ANCILLARY EQUIPMENT

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Winch Ancillary Equipment

### AIR COMPRESSORS

We have various air compressors available to provide simple solutions for providing air on-site. They are available with limited or no power resource.

### AIR HOSE BUNDLES

Our air hoses are supplied in standard 15 metre sections. This means that any hose length can be achieved by simply connecting the required amount together.

### CONSTANT TENSION AND RENDERING FACILITY

Constant tension (CT) is used to achieve a constant line-pull, as set by the Operator.

### HYDRAULIC HOSE BUNDLES

Our hydraulic hoses are supplied in standard 5 metre sections. This means that any hose length can be achieved by simply connecting the required amount together.

### WINCH ROPE MONITORING

It's often necessary to monitor or manage the line pull of a winch – whether to ensure that it's operating safely, operating at maximum efficiency or to provide customers with reports.

### POWER PACKS

We provide a comprehensive range of power packs to suit every application, including diesel, electric and Zone 2.

### WIRE ROPE

We offer a competitive service for supplying and spooling winch wire rope.

### SECONDARY BASE FRAMES AND GRILLAGES

Our base mounted winches can be supplied with either standard or custom design built secondary base frames to suit any fastening requirement.

### ROPE SPOOLING WITH BACK TENSION

It is important to ensure that before a load is applied to a rope it is installed with sufficient back tension to prevent it from getting crushed and dividing through the lower layers. Our in house back tensioning machine ensures that it's done correctly every time.

### PIPE PULLERS

Pipe pullers are designed to facilitate the fast and safe joining of reinforced concrete pipes. Pipe pullers leave no trailing cables due to their battery operation and leave sufficient space for the laser.





**We provide full hand over training with all our winches for extra peace of mind.**

X	1	HEAT EXCHANGER ACTIVE	5	PULL
2	MAX PULL SIGNAL	6	RELEASE	
3	HEEL WINDER	7	GENERATE BY AIR/TELE	
4	SPEED REGULATION			

**IMPORTANT!**  
DISCONNECT THE BATTERY TERMINALS TO AVOID DISCHARGE IF THE PULLER WILL NOT STOP FOR A LONG TIME

**IMPORTANT!**  
BEFORE TO STOP THE MACHINE INTO THE VEHICLE BLAKE THE STABILIZER AND LIFTED FROM GROUND

**IMPORTANT!**  
IT IS STRICTLY PROHIBITED TO DISCONNECT THE BATTERY GLASSES WITHOUT HAVING DISCONNECTED THE BATTERY GLASSES

**IMPORTANT!**  
BEFORE TO START THE PULLER IT IS OBLIGATORY TO SPEAK TO THE 01 800 20898

**WARNING!**  
WINCH NOT SUITABLE FOR MAN RIDING

# Training & Support

## TRAINING

We provide a wide range of training courses, which focus on safe use and operation of equipment and enable customers to operate winches with a higher level of proficiency.

Our focus is to ensure that customers can get the most from the equipment that they've hired or purchased from us. That's why we offer training courses specifically tailored to customer needs, delivered by our highly experienced, specialist winch engineers and cover everything from winch set up to efficient winch operation.

Training sessions can be held at our dedicated in-house training facility, where customers benefit from seeing the workshop in a specialist winch environment but we can also accommodate training at customers sites, offering time and money savings on both travel and accommodation.

## TECHNICAL SUPPORT

As well as dedicated training, we also offer customers technical support for winch installation and operation. When hiring large capacity winches with powers packs, many customers choose to utilise our highly skilled winch engineers to install and operate the winch. In more complicated winch applications, having a specialist to set-up and operate the equipment can be more effective, as they have extensive knowledge of all the components within the system and will have previously assembled the equipment for testing.

Our winch engineers have in depth knowledge of all of our products and are highly trained to operate them efficiently and safely. This also means that on the rare occasion that a problem may arise, our engineers are able to solve it quickly and ensure minimal down time on site. As part of this service we also provide mission critical spares boxes with all winches that go offshore to ensure that even equipment being used in isolated or remote locations are not at risk of extended down time.

# The Rotrex Group

## ROTREX ONSITE

Taking cradle maintenance to another level: Rotrex OnSite has over 30 years' specialist experience in cradle maintenance services, fall-protection equipment, cradle inspection/testing and cradle operator training.

Rotrex OnSite is resourced to support both national and local companies. With teams of engineers working nationwide, covering every major UK city – supporting every size of organisation in every size of building.

[www.rotrexonsite.co.uk](http://www.rotrexonsite.co.uk)

## AFFILIATE COMPANIES

To extend our offerings globally, Rotrex Winches works closely with leading international company LGH Group on different continents, including:

### Lifting Gear Hire Corporation Chicago, Illinois, USA

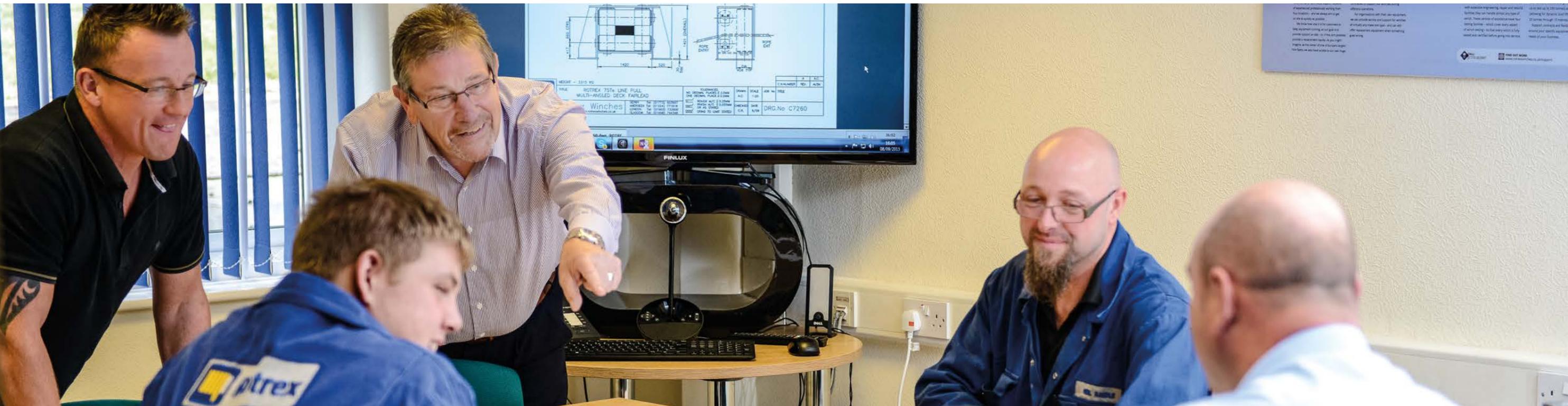
Our relationship with the Lifting Gear Hire Corporation extends our reach into North America.

### LGH GmbH Essen, Germany

One of our two European partners, LGH GmbH gives us immediate coverage in Germany.

### LGH Hijsmaterieel BV Ridderkerk, Netherlands

The second of our European partners, LGH Hijsmaterieel BV, gives us immediate coverage in the Netherlands.



# Nationwide locations

## ABERDEEN

Suite 16  
Centurion Court  
North Esplanade West  
Aberdeen AB11 5QH

Tel: **01224 771 818**

## GLASGOW

23 Princess Road  
Coronation Ind Est  
New Stevenston  
Motherwell ML1 4HP

Tel: **01698 744 348**

## DERBY

Gryphon Works  
Wimsey Way  
Alfreton Trading Estate  
Alfreton  
Derbyshire DE55 4LS

Tel: **01773 603 997**

## LONDON

Unit 9  
Mudlands Trading Estate  
Manor Way  
Rainham  
Essex RM13 8RH

Tel: **01903 733 600**



Call us: **+44 (0) 1773 603 997**

Email us: [sales@rotrexwinches.co.uk](mailto:sales@rotrexwinches.co.uk)  
[www.rotrexwinches.co.uk](http://www.rotrexwinches.co.uk)

