

More Than 40 Years Service to Industry



Cable Drum
Trailers

Cable Pulling
Winches

Cable Laying
Accessories

Suppliers of Cabling Equipment
Around the World

Company Profile

S.E.B. International was originally founded in 1970, and rapidly gained an enviable reputation as designers and builders of specialist plant transporter trailers of well engineered heavy duty construction, serving the UK Civil Engineering and Allied Industries.

Due to ever increasing customer demand, later years saw the company expand their activities into the design and manufacture of Cable Laying Trailers and associated equipment which to present day represents the vast proportion of its production facilities and services.

As illustrated in this brochure it is our belief that we are now probably one of the leading manufacturers and suppliers of equipment of this type within the UK and overseas, offering a comprehensive range of products whilst still importantly retaining the flexibility to consider design and build of individual client special requirements.

Our units are being exported and operated in many parts of the global market, including the Middle East, Europe, Scandinavia, Turkey, Bahamas, Cyprus, Africa, India and the Far East and Australia.

Typical Examples are:

| | | |
|-----------------------------------|--|-------------------------------------|
| British Telecom UK | Dubai Electricity & Water Authority | Electricity Supply Board EIRE |
| Bechtel Inc | Bravo Beijing - China | Siemens AG |
| Batelco - Bahrain | ABU Dhabi Water & Electricity | Cyprus Electricity Authority |
| Etisalat UAE | Scottish & Southern Energy | Scoco - Saudi Arabia |
| Prysmian Cables | Balfour Beatty | UTS Kent |
| Hyundai Engineering | Kentz Saudi Arabia | Emirates Technical Associates (ETA) |
| Bahwan Engineering Co. (BEC) Oman | Consolidated Contractors - Middle East | Carillion PLC |

Mission Statement

S.E.B. International Ltd is a company constantly monitoring and developing its range of equipment and services in order to satisfy customer requirements

Our aim is to provide high quality products, reliable in service that offer good value for money to our clients.

We endeavour to employ conscientious personnel both in our design and manufacturing processes in our efforts to produce products to give long lasting and troublefree 'in service life'.

After Sales Service - Spares & Refurbishment

S.E.B. International consider it of vital importance that in case of breakdown, our clients' needs are given high priority; and to this end our company normally stocks some 2500 spare items to ensure speedy despatch whenever possible.

As an additional service we can offer 'in house' repair, refurbishment and routine maintenance facilities for cabling equipment both of our own manufacture and others, which could involve major rebuilds on the trailer chassis, suspensions, lighting and hydraulic systems etc.

This service is backed up in many cases inclusive of final testing and re-certification on completion of work done.

We also offer training on all SEB products, either on site or at SEB's premises.

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CABLE DRUM TRAILERS - Highway Range

Manufactured to European whole vehicle type approval specification

CD60 Cable Drum Trailer



All of the Cable Trailers described below are equipped with braking and road lighting systems to conform to the relevant European type approval specifications and are designed to travel fully laden at road speeds indicated on all European highways. Our full range of highway cable drum trailers and trailer mounted winches can now be used within all European countries without the need for additional individual country inspections and approval.

Rear of CD60 Cable Drum Trailer



For safe and easy drum handling, all SEB Cable Drum Trailers are fitted with hydraulic hand pump operated lift/lower systems as standard. When the drum is fully raised mechanical locks ensure drum security in transit. See separate page for details of additional options available.

All Highway Cable Trailers are fitted with rear bumper bar as shown.

(detailed specifications can be provided on request)

| Trailer Model | Payload (Approx.) | Gross Vehicle Weight | Max. Drum Width | Drum Dia. max/min | Spindle Dia. | Tow Eye/ Coupling Height Unladen | Trailer Width | Towing Speed | Tyres | Brake System |
|---------------|-------------------|----------------------|-----------------|-------------------|--------------|----------------------------------|---------------|--------------|-------------|----------------------------|
| SINGLE AXLE | | | | | | | | | | |
| CD20 | 830Kg | 1100Kg | 1075mm | 1070/570 | 50mm | 50/600 | 1925 | 100Kmh | 155x80R13 | Overrun Auto reverse |
| CD32 | 1200Kg | 1600Kg | 1375mm | 2100/700 | 50mm | 50/560 | 2310 | 100Kmh | 175x14 | Overrun Auto reverse |
| CD40 | 1500Kg | 2000Kg | 1250mm | 2200/750 | 50mm | 50/600 | 2200 | 100Kmh | 195x14 | Overrun Auto reverse |
| CD60 | 2430Kg | 3150Kg | 1280mm | 2500/1060 | 76mm | 50/600 | 2285 | 100Kmh | 215/75R17.5 | Overrun Auto reverse |
| CD70 | 2770Kg | 3500Kg | 1280mm | 2500/1060 | 76mm | 50/600 | 2285 | 100Kmh | 215/75R17.5 | Overrun Auto reverse |
| PT60 | 2380Kg | 3150Kg | 1710mm | 3200/1420 | 76mm | 50/700 | 2520 | 100Kmh | 215/75R17.5 | Overrun Auto reverse |
| PT 70 | 2720Kg | 3500Kg | 1600mm | 3200/1420 | 76mm | 50/700 | 2545 | 100Kmh | 215/75R17.5 | Overrun Auto reverse |
| CD130 | 5350Kg | 6650Kg | 1470mm | 2860/1360 | 76mm | 40DIN/685 | 2550 | 100Kmh | 11.00x22.5 | 2 Line Air / Mech. C/W ABS |
| CD140 | 5085Kg | 6650Kg | 1600mm | 3800/2000 | 89mm | 40DIN/650 | 2550 | 100Kmh | 11.00x22.5 | 2 Line Air / Mech. C/W ABS |

NOTE:

1)All Drum widths stated are with drum locking collars fitted to spindles.

2)These trailers constitute our standard/popular range. However if there

is not a trailer listed to accommodate your drum size and weight then please do not hesitate to contact us.

CABLE DRUM TRAILERS - Site Range

CD700 Cable Drum Trailer

Designed and supplied specifically for "Off Road Use", these Site trailers are all fitted with some form of brake system, hand parking facility and basic vehicle lights. Although not built to conform with EEC braking/lighting directives certain Non EEC countries have operated these units on the highway under the proviso that Towing speeds indicated must not be exceeded at full rated payload. All units incorporate the same drum handling features and in some cases additional options as the Highway range.



CD980s Cable Drum Trailer



As drums of Cable get larger and heavier to reduce the number of joints in the cable, the SEB range of Site trailers has expanded to accommodate drum sizes of up to 3700mm wide and 5000mm dia with a maximum payload of 50000Kgs.

| Trailer Model | Payload (Approx.) | Gross Vehicle Weight | Max. Drum Width | Drum Dia. max/min | Spindle Dia. | Tow Eye/ Coupling Height Unladen | Trailer Width | Towing Speed | Tyres | Brake System |
|------------------------|-------------------|----------------------|-----------------|-------------------|--------------|----------------------------------|---------------|--------------|------------------------------------|--------------|
| SINGLE AXLE | | | | | | | | | | |
| CD60S | 3000Kg | 3750Kg | 1280mm | 2500/1060 | 76mm | 50/600 | 2285 | 40kmh | 215/75R 17.5 | Overrun |
| CD130S | 7250Kg | 8550Kg | 1470mm | 2860/1360 | 76mm | 76/685 | 2550 | 25kmh | 11.00x22.5 | Overrun |
| CD130PSH | 8000Kg | 9300Kg | 2050mm | 3500/1850 | 76+89mm | 76/685 | 3170 | 20kmh | 11.00x22.5 | Overrun |
| CD140S | 7000Kg | 8600Kg | 1600mm | 3800/2000 | 89mm | 76/650 | 2550 | 25kmh | 11.00x22.5 | Overrun |
| CD210S | 8000Kg | 9850Kg | 2000mm | 3500/2200 | 89mm | 76/650 | 3200 | 25kmh | 315/70Rx22.5 | 2 Line Air |
| CD250S | 10000Kg | 11900Kg | 2000mm | 3500/2200 | 89mm | 76/650 | 3200 | 15kmh | 315/70Rx22.5 | 2 Line Air |
| TWIN AXLE & MULTI AXLE | | | | | | | | | | |
| CD310S | 12000Kg | 15400Kg | 2400mm | 4540/2400 | 101mm | 76/650 | 3660 | 25kmh | 11.00x22.5 | 2 Line Air |
| CD360S | 15000Kg | 18400Kg | 2400mm | 4540/2400 | 127mm | 76/650 | 3660 | 16kmh | 11.00x22.5 | 2 Line Air |
| CD480S | 18000Kg | 21500Kg | 2400mm | 4600/2500 | 127mm | 76/850 | 3670 | 20kmh | 315/70Rx22.5 | 2 Line Air |
| CD500S | 20000Kg | 23500Kg | 2400mm | 4600/2500 | 127mm | 76/850 | 3670 | 15kmh | 315/70Rx22.5 | 2 Line Air |
| CD700S | 30000Kg | 35000Kg | 2400mm | 4800/2700 | 152mm | 76/1100 | 3820 | 10kmh | 14.00x24 | 2 Line Air |
| CD900S | 40000Kg | 47750Kg | 2800mm | 5000/2900 | 152mm | 76/ Pivot Type | 4270 | 10kmh | 14.00x24 Main Axle 295/60 Bogie | 2 Line Air |
| CD980S | 50000Kg | 58750Kg | 2800mm | 5000/2900 | 152mm | 76/ Pivot Type | 4270 | 10kmh | | 2 Line Air |

NOTE:

1) All Drum widths stated are with drum locking collars fitted to spindles.

2) These trailers constitute our standard/popular range. However if there is not a trailer listed to accommodate your drum size and weight then please do not hesitate to contact us.

CABLE DRUM TRAILERS - Site Range - Adjustable Width

Adjustable Width Cable Drum Trailers



The SEB range of Adjustable Width Cable Drum Trailers are designed to cope with the ever increasing size of Cable Drums, High Voltage cables are being laid underground instead of over headlines. The cables are being supplied as longer lengths, thus allowing for a reduction in the number of joints needing to be made, however this is having a major impact on the size of the drums.

Due to the increase in width & diameter of these drums, it is becoming increasingly difficult for the standard range of cable trailers to cope, as the drums are just too wide, however, the adjustable width range of trailers ensures the trailers can be transported to site and then widened to accept the relevant drum sizes.

Our range of hydraulically adjustable

trailers are available from 20,000kg to 50,000kg capacity and due to the design, the trailers can be supplied to accommodate various different drum widths and weights, thus providing you with one trailer which could potentially carry different drums on the same site.

- The adjustable width section is hydraulically operated, with the controls being placed at the stationary front section of the trailer.
- A Hydraulically operated Jacking System, elevates the trailer, to allow the sides to extend & retract
- You select the width drum you are going to utilise and then insert a pin at the correct point to secure the chassis for use.
- The drum drive system is attached to the main sides of the trailer and thus widens and retracts with the trailer itself.
- The controls for the drum drive system and power lift units will be located at the rear of the trailer.

Cable Drum Stand with Optional Drum Drive

This unit has been specifically designed to meet the needs of contractors where the necessity or the ability to have a Cable Drum Trailer is simply not practical.

Available with either a fixed spindle (shown), i.e. drum loaded by external means, or supplied self sufficient in lifting and lowering as used on standard Cable Drum Trailers in our range.

The unit comes with a range of options to suit most applications for both the Utility and Rail industries.

Diesel, Petrol, Electric or PTO Drum Drive system for ease of cable payout, unit can be pendant controlled.

Bolt holes or twist locks for mounting to the floor of a vehicle.

Turntable mounted which allows for 360 degrees of axis movement for total flexibility when solid mounted.

Designed and manufactured to suit clients requirements.



OPTIONAL EXTRAS - Cable Drum Trailers

Drum Drive / Power Lift Units

Diesel or Petrol engine Powered Cable Drum drive unit to assist in paying out or taking up the cable. This unit also provides powered lift of the drum.

The drum drive can be applied by either Hydraulic Rams (as shown) or by hand winches fitted at the rear of the trailer, and while the standard drum drive system incorporates Power Lift of the drum and gravity lower, we can provide you with Powered Lift and Lower of the drum if required and specified

Note. Fitment of the drum drive reduces the payload of the trailer (Consult SEB).



Adjustable Height Drawbar

Available on our full range of highway trailers, winches and site only trailers. A useful acquisition where a variety of vehicles with different tow heights can be used to tow the same trailer.



Extension Slide

Makes the trailer more versatile, enabling it to handle smaller diameter drums. Slides can be supplied loose or mounted on the trailer chassis.

Note:

- a) Capacity of Extension Slides are limited to 25% of trailer rated payload.
- b) Fitment will reduce the width of drum space available. (Consult S.E.B.)



Drum Brake

Mechanical or hydraulic friction brake for overhead stringing operations or other applications where tension is to be maintained on the cable.

Note: fitment of the brake device will reduce the width of the drum space available. (Consult SEB)



Led Lighting

Full LED lighting systems can be installed to our full range of Cable Trailers and Trailer Winches, the LED's would be supplied as 12/24 Varivolt, so will function when being towed by both vans and trucks, thus improving the potential utilisation of your fleet.



Flashing Beacons

Flashing beacons can be installed to all Cable Drum Trailers for additional visibility and improving the safety and use of the equipment while on-site.



Full details of any of the above can be supplied to match the particular trailer you require.

CABLE PULLING WINCHES – Power cables

**Types: TCW3000 - TCW4000 -
FW3000 - TW5000**

A range of Trailer mounted Cable Pulling Winches required for the installation of Power Cables where high pulling tensions are required.

All of the units are designed with the operator in mind. Simple in operation and robustly engineered, these units are fitted with heavy duty diesel engines powering hydraulic transmission for smooth controlled pulling, and are fitted with a console mounted line tension indicator so that at all times the operator has a visual display of the pulling force applied. All of the Winches can be quickly pre-set so they do not exceed the required pulling tension.

Technical Specification

| | |
|---------------------|--|
| Power Unit | Water cooled Diesel engine. Rated at 17.75Kw. |
| Main Drive System | Twin Grooved Capstan. |
| Rewind Drum Drive | Hydraulic driven for rope tension. |
| Cable Pay Out | Via hydraulic system - powered. |
| Pull Load Indicator | Electronic display system. |
| Oil Cooler | Fitted with thermostat fan. |
| Rope Capacity | 750 mtrs. x 10mm dia rope. (Europe & UK) 1000mtrs. x 10mm dia rope (Export) |
| Rope Layering | Automatic spooling via scrolled shaft layering arm. |

| | |
|-----------------|---|
| TCW3000 | |
| Rope Pull/Speed | No Load/Payout - 50mts/min approx. 3.0 tonne 12 mtr/min approx. |
| TCW4000 | |
| Rope Pull/Speed | No Load/Payout - 25mts/min approx. 4.0 tonne 10 mtr/min approx. |



**Types: TCW3000 3 Tonne Winch
+ TCW4000 4 Tonne Winch**

This SEB winch is fitted with a fully enclosed steel canopy and in conjunction with the water cooled engine ensures the noise level is kept to a minimum. An electronic control system allows you to pre-set the required tension and also monitor the length of cable pulled.

Transmission guard shown is standard for UK only.



FW3000 3 Tonne Winch

This is our 3 tonne capacity single capstan winch and is a great asset to any Multi Utility business. It is fitted with a free spooling payout system which makes it a one man only operation. The unit is fitted with a pull load indicator with read out via dial gauge.

Technical Specification

| | |
|---------------------|---|
| Power Unit | Diesel engine. Rated at 13Kw. At 3600 RPM |
| Main Drive System | Single Capstan. |
| Rewind Drum Drive | Hydraulic driven for rope tension. |
| Cable Pay Out | Free spooling |
| Pull Load Indicator | Dial gauge for pressure / tonnes pull |
| Oil Cooler | Fitted with thermostat fan. |
| Rope Capacity | 400 mtrs. X 10mm dia rope. (Europe & UK) 500 mtrs. X 9mm dia rope. (Export) |
| Rope Layering | Free moving layering arm (mounted under rewind drum) |
| Rope Pull/Speed | 0.5 tonne 30 mtr/min 1.5 tonne 22mtr/min 3.0 tonne 7 mtr/min |

CABLE PULLING WINCHES – Power cables



TW5000 5 Tonne Winch

The TW5000 is currently our largest line pull winch, and utilises the Twin Capstan design as a way of developing the required tension. The winch is a single axle and therefore easy to manoeuvre. It is fitted with a pull load indicator via the dial gauge and obtains its power from a twin cylinder diesel engine.

Technical Specification

| | |
|---------------------|---|
| Power Unit | Diesel Engine Rated 19.1 Kw at 3000RPM |
| Main Drive System | Independently driven twin Grooved Bull Wheels. |
| Rewind Drum | Hydraulically Driven for Rope Tension. |
| Cable Payout | Via Hydraulic System. - Powered |
| Pull Load Indicator | Via Dial Gauge for Pressure/Tonnes Pull. |
| Oil Cooler | Fitted with Thermostatic Fan. |
| Rope Capacity | 1000mtrs x 13mm dia Rope. |
| Rope Layering | Free Moving Layering Arm. |
| Rope Pull/Speed | No Load/Payout - 28mtrs/min 5.0 Tonne - 12mtrs/min |

DATA LOG Electronic Recorder

An electronic recorder with digital display and printout which combines a high level of technical specification with ease of operation. It is designed to stop winching operations if pre-selected pulling tension is achieved, thus preventing possible damage to the cable. The recorder is available on our TCW, FW & TW range of power cable pulling winches and provides a combination of pulling tension, meterage, and time. There is also the option to download data via a Micro-SD card, which then displays the data in a standard Microsoft Excel format.



Canopy

Although some of our winches do not come with canopies as standard PVC canopies are available for both the FW3000 and the TW5000 as optional extras, the model shown is the FW3000. The canopies can be available in different colours to match your corporate images and we are also able to sign write the canopies to provide you with free advertising while the unit is in transit. While the winch is in operation the canopy should be held in the up position by the catches as shown. Please enquire for further details and prices.



Also available as optional extras for our full range of winches are Trench Booms, Adjustable Height Tow Bars and Special Rope Lengths.

CABLE PULLING WINCHES - Telecommunications

Designed to keep up with the fast moving telecommunications industry these Winches were developed to meet the requirements for both the installation of delicate Fibre Cables where low pulling tensions are necessary and also for the more heavier Copper Cables. Other installation applications are coaxial cable, sub duct and even in certain conditions H.V Cables.

Technical Specification

| | |
|--------------|---|
| Line Tension | 500Kg (760mm diameter capstan) for fibre optic cables. |
| Line Tension | 1000Kg (380mm diameter capstan) for sub duct and general cabling. |
| Rope Speed | 55mtrs / minute 760mm capstan 26mtr / minute 380mm capstan |

Console mounted line tension indicator with Pre-set limiting facility. Available with either 13hp Petrol or Water Cooled Diesel Engine.
Emergency stop device fitted as standard.



AW 1000 Assist Winch

The AW1000 Assist Winch is designed as a versatile multi-purpose winch, which can be used for the installation of Fibre Optic Cable, Sub Duct and also for pulling the bond back through the duct or trench.



CW 3000 3 Tonne Winch

The CW3000 Winch is designed to pull Telecommunications cable as well as general cable and sub duct. The unit operates the tried and trusted method of a single capstan drive system which is now synonymous with the Telecommunications industry, the capstan is driven by a fixed displacement hydraulic motor. The cast alloy capstan is fully guarded and is fitted with a limit switch as standard which is activated and stops the capstan rotating as soon as the guard door is opened. Situated directly under the capstan is a swivelling diverter pulley to enable horizontal pulls to be made.

Technical Specification

| | |
|---------------|--|
| Line Tensions | 3000Kg Maximum |
| Line Speed | 0-12 Mtrs / Minute Variable @ 3000kg 0-30 Mtrs / Minute Variable @ 1000Kg |
| Engine | 15.5Hp Water Cooled Diesel Engine |
| Controls | Electrically operated directional controls |

Safety Emergency stop buttons and limit switch to the rear guard .
The winch is supplied as standard with the GRP Canopy

CABLE PULLING WINCHES - Lightweight Cabling

EP1 Electric Cable Pulling Winch

The Cable Puller provides the perfect solution to installing long or heavy lengths of cable in difficult locations. It reduces the manpower hours required to meet installation deadlines, and is safer and faster.

- Unlimited length of pull and choice of rope speed
- Compact, lightweight and portable
- 110V or 240 VAC model for internal use in buildings and tunnels
- Reverse rotation for controlled release at high loads

| CABLE PULLER | Small Drum | Large Drum |
|---------------------|--------------------------|------------|
| Max Drum Weight Kgs | 2500 | 1500 |
| Rope Speed (m/min) | 2.5 | 4.0 |
| Dimensions (mm) | L. 655 x W. 550 x H. 400 | |
| Weight (kg) | 95 | |

Accessories included:

Detachable Rope Storage Drum as Shown (larger drum available as an option)
Deadman Foot Control with 2m Cable 2 x Tie Down Shackles



PP1000 - Portable Twin Capstan Winch

Safe, infinitely controllable pulling winch with variable speed from hold, through creep to full speed of 25mtrs per minute. Ideal for pulling cables through ducts, in difficult locations. Reliable, easy to start Honda 5.5Hp engine with a centrifugal gearbox driving the main capstan gearbox and aluminium capstans through a flexible coupling.

Technical Specification

Pulling Capacity - 1000kgs
Twin Capstans - 100mm Dia
Honda Petrol Engine - 5.5Hp (4kw) 4 stroke
Base Construction - Anodised Aluminium Fabrication
Anchor Points - Fitted tested shackles
Engine Speed Control - Throttle Lever
Load Retrieval Speed - Creep to 25m per minute
Dimensions - 65cm length x 39cm wide x 42cm high (with handles removed)
Overall Weight - 50kgs approx



C-1035 Lightweight Capstan Winch

This lightweight capstan winch is available in two different line pull capacities and is designed for use over manholes. Both line pull options are powered by the very reliable Honda engines through a right angle gearbox, providing efficient and reliable operation.

Technical Specification

| | | |
|----------------|--------|--------|
| Capacity | 500kg | 1000kg |
| Honda Engine - | 5.5Hp | 8HP |
| Length | 1100mm | 1250mm |
| Width | 500mm | 500mm |
| Height | 600mm | 600mm |
| Weight | 64kg | 99kg |



CABLE PUSHER

CP700 Cable Pushing Unit

The CP700 Cable Pusher has been designed to assist the laying of electrical cables or cylindrical elements.

The Unit has a profiled drive system to grip the cable, with a load applicator of adjustable upper rollers. The drive system is hydraulic and is powered by a C-1203 portable hydraulic power pack.

SPECIFICATION

| | |
|--------------------------|---|
| Cable size: | 30-150mm o/d |
| Dimensions: | 1390mm long x 500mm wide x 770mm high |
| Max Push: | 700kg |
| Max Speed: | 10m / min |
| Controls: | Single Lever for Push/Pull operation c/w variable speed control |
| Drive System: | Hydraulic |
| Recommended Requirement: | 18ltr/min at 60 bar |
| Weight: | 200kg |



C-1203 Hydraulic Power Pack

A lightweight trolley mounted hydraulic power pack with pre-set internal system protection relief valve and quick release connections.



CABLE DRUM LIFTING JACKS

HYDRAULIC JACKS

Lightweight hydraulic drum jacks which are almost indispensable for use in the cable yard. Versatile and easily adjustable within seconds to accommodate a vast range of drums. Excellent all round stability, fitted with wheels to be easily moved by one person. Supplied complete with spindle and collars. (Refer Below) Paint finish.

| Model | Capacity/pair | Min drum dia | Max drum dia | Base Area | Weight/pair |
|-------|---------------|--------------|--------------|------------|-------------|
| HJ3 | 3 Tonnes SWL | 800mm | 2500mm | 830x700mm | 106Kg |
| HJ6 | 6 Tonnes SWL | 880mm | 3000mm | 900x765mm | 118Kg |
| HJ10 | 10 Tonnes SWL | 1080mm | 3500mm | 1060x985mm | 180Kg |



JACK TOWERS

Designed for heavy drum lifts. Robust engineered construction with hydraulic jacks and adjustable height spindle support blocks. (Spindle/collars not included - Refer Below) Paint finish.

| Model | Capacity/pair | Min drum dia | Max drum dia | Base Area | Weight/pair |
|-------|---------------|--------------|--------------|-------------|-------------|
| JT20 | 20 Tonne | 1480mm | 3400mm | 1830x285mm | 370Kg |
| JT20L | 20 Tonne | 2360mm | 3400mm | 1830x760mm | 425Kg |
| JT30L | 30 Tonne | 3000mm | 4500mm | 2000x800mm | 660Kg |
| JT40L | 40 Tonne | 3000mm | 4500mm | 2000x1000mm | 1150Kg |

The L unit are equipped with an extra outrigger leg for more stability on uneven ground



SCREW JACKS

A range of Cable Drum Jacks easy to handle and simple operation. Base plate designed to give stability even on soft ground. (Spindle/Collars not included - Refer Below) Paint finish.

| Model | Capacity/pair | Min drum dia | Max drum dia | Base Area | Weight/pair |
|-------|---------------|--------------|--------------|-----------|-------------|
| SJ3 | 3 Tonne | 1060mm | 1600mm | 300x300mm | 37Kg |
| SJ6 | 6 Tonne | 1360mm | 1900mm | 460x300mm | 45Kg |
| SJ8 | 8 Tonne | 1660mm | 2200mm | 600x300mm | 76Kg |



JACK PLINTH

Cable drums are increasingly becoming larger but not necessarily heavier. Common practice is to build up the jacks with sleepers, or wood blocks – not recommended- Jack Plinths give an additional 300mm lift safely. Paint finish.

| Model | Length | Width | Height | Weight/pair |
|-------|--------|-------|--------|-------------|
| JP368 | 1200mm | 320mm | 300mm | 60Kg |



SPINDLE BARS

We recommend the following sizes which are normally stocked by us. Locking Collars can be provided on request. Paint finish.

| Max drum Wt. | Ref. | Spindle dia. | Length | Construction | Weight | Recommended for use with |
|--------------|------|--------------|--------|---------------|--------|--------------------------|
| 6 Tonnes | DS4 | 50mm | 1219mm | Tubular Steel | 12Kg | SJ3 |
| 6 Tonnes | DS6 | 50mm | 1800mm | Tubular Steel | 18Kg | SJ6 and HJ3 |
| 12 Tonnes | DS12 | 76mm | 2100mm | Tubular Steel | 53Kg | SJ8, HJ6 and HJ10 |
| 20 Tonnes | DS20 | 100mm | 2900mm | Tubular Steel | 100Kg | JT20 and JT20L |
| 30 Tonnes | DS30 | 127mm | 4000mm | Tubular Steel | 200Kg | JT30L |
| 40 Tonnes | DS40 | 140mm | 4000mm | Tubular Steel | 240Kg | JT40L |

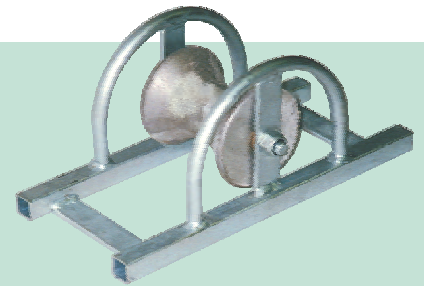
CABLE ROLLERS - Trench Application

Straight Line

TRP76 Narrow Roller

Designed for use in narrow trenches. Lightweight assembly suitable for cables up to 76mm dia. Zinc plated steel frame fitted with large waisted solid aluminium roller running on low friction sintered bushes.

Height: 155mm **Width:** 148mm **Length:** 320mm **Weight:** 2.75Kgs
Load Capacity: 75kgs



HSP125 ROLLER - HEAVY DUTY

All Zinc plated heavy duty assembly suitable for cables up to 125mm dia. Steel frame fitted large waisted steel roller running on sealed ball bearings.

Height: 220mm **Width:** 235mm **Length:** 350mm **Weight:** 4.0Kgs
Load Capacity: 150 kgs



HBSP125 BRIDGE ROLLER - HEAVY DUTY

Generally as per the HSP125 Roller but with the added facility of being able to place same over a cable up to 90mm already laid in the trench.

Height: 245mm **Width:** 235mm **Length:** 350mm **Weight:** 4.5Kgs
Load Capacity: 150kgs



Corner Rollers

CR1 ANGLE CORNER ROLLER

Purpose designed for taking the heaviest cables round difficult corners and bends. Incorporates a vertical and horizontal roller 75mm diameter on low friction sintered bushes. Stake pins are provided to link rollers together into a continuous assembly on right angle bends. Paint finish.

Height: 300mm **Width:** 160mm **Length:** 280mm **Weight:** 9.0Kgs
Load Capacity: 75kgs



CR2 SKID ROLLER

Incorporates a horizontal steel roller 75mm dia running on low friction sintered bushes with back skid plate for corner work. Can be used singly or linked together with stake pins provided to form a continuous run. Paint finish.

Height: 300mm **Width:** 230mm **Length:** 330mm **Weight:** 8.0Kgs
Load Capacity: 75kgs



CR4 TRIPLE CORNER ROLLER

All zinc plated finish and using two vertical and one horizontal steel rollers identical to HSP125 for taking the heaviest cables round difficult corners. The assembly is of a robust construction for use in the most arduous conditions and can be linked together with stake pins provided to form a continuous corner roller system.

Height: 295mm **Width:** 290mm **Length:** 540mm **Weight:** 12Kgs
Load Capacity: 150kgs



NOTE:

Special sizes available on request.

CABLE ROLLERS - Trench Application

CR5 HORIZONTAL ROLLER

Two horizontal rollers with quick release gate opening to allow easy entry and removal of cables up to 125mm diameter.

Paint finish.

Height: 400mm **Width:** 260mm **Length:** 250mm **Weight:** 13Kgs

Load Capacity: 75kgs



CR6 VERTICAL ROLLER

Nine vertical steel rollers each running in roller bearings and mounted in a heavy duty steel frame.

Paint finish.

Height: 310mm **Width:** 90mm **Length:** 830mm **Weight:** 14Kgs

Note: These rollers are used in conjunction with CR5 as per the photograph and where large diameter cables have a limited bend radius.

Load Capacity: 75kgs



SP1 SKID PLATE

Can be used with the CR2 Skid Roller as an alternative to the CR5 / CR6 Corner Roller system.

Paint finish.

Height: 300mm **Width:** 100mm **Length:** 920mm **Weight:** 7Kgs

Load Capacity: 75kgs



DR1 DRAW OFF ROLLER

To lead the cable directly from the drum into the trench. 75mm diameter steel tube roller on low friction sintered bushes. All mounted to heavy duty angle steel base.

Paint finish.

Height: 220mm **Width:** 178mm **Length:** 1066mm **Weight:** 14Kgs

Load Capacity: 75kgs



VR1 ROLLER ASSEMBLY

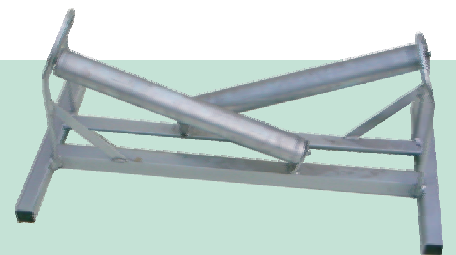
A guide roller in front of the drum which centralizes the cable from the drum into the trench. Sealed roller bearings fitted in steel roller.

Mounted in heavy duty steel frame.

All zinc plated finish.

Height: 360mm **Width:** 500mm **Length:** 890mm **Weight:** 17Kgs

Load Capacity: 100kgs



SR5 SUSPENSION ROLLER

To enable cables to be winched and suspended in high buildings prior to being positioned on gantries, beams etc.

Zinc plated finish.

Height: 404mm **Width:** 240mm **Length:** 210mm **Weight:** 3kgs

Load Capacity: 75kgs



HSR5 HEAVY DUTY SUSPENSION ROLLER

To take initial strain on the heaviest cables where they are lifted from the floor and onto cable trunking. The roller is suspended from a cross beam or similar in front of the trunking. Large waisted steel roller running on sealing ball bearings.

Paint finish.

Height: 430mm **Width:** 120mm **Length:** 250mm **Weight:** 9kgs

Load Capacity: 150kgs



NOTE: Special sizes available on request.

CONDUIT ROD

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 4mm and 6mm versions are on a free standing frame. The 9mm, 11mm and 14mm rod comes complete on a mobile frame for easy manoeuvrability.

Zinc plated finish.

All units are designed and built for easy handling.

All rods come complete with guide tips.

A full range of accessories are also available.

All sizes are available as spare rod only, which come with guide tip fitted

Non standard lengths available on request.



4mm DIA ON 480mm HIGH FREE STANDING REEL

| | | |
|-----------|-----------------------|------------|
| LCR4/40R | 4mm dia x 40mtr long | Weight 5Kg |
| LCR4/60R | 4mm dia x 60mtr long | Weight 6Kg |
| LCR4/80R | 4mm dia x 80mtr long | Weight 7Kg |
| LCR4/100R | 4mm dia x 100mtr long | Weight 8Kg |

6mm DIA ON 590mm HIGH FREE STANDING REEL

| | | |
|-----------|-----------------------|-------------|
| LCR6/60R | 6mm dia x 60mtr long | Weight 10Kg |
| LCR6/80R | 6mm dia x 80mtr long | Weight 11Kg |
| LCR6/100R | 6mm dia x 100mtr long | Weight 12Kg |
| LCR6/120R | 6mm dia x 120mtr long | Weight 12Kg |
| LCR6/150R | 6mm dia x 150mtr long | Weight 13Kg |

9mm DIA ON 1040mm HIGH MOBILE REEL

| | | |
|-----------|-----------------------|-------------|
| LCR9/60R | 9mm dia x 60mtr long | Weight 26Kg |
| LCR9/80R | 9mm dia x 80mtr long | Weight 28Kg |
| LCR9/100R | 9mm dia x 100mtr long | Weight 30Kg |
| LCR9/120R | 9mm dia x 120mtr long | Weight 32Kg |
| LCR9/150R | 9mm dia x 150mtr long | Weight 35Kg |
| LCR9/200R | 9mm dia x 200mtr long | Weight 40Kg |

11mm DIA ON 1160mm HIGH MOBILE REEL

| | | |
|------------|------------------------|-------------|
| LCR11/100R | 11mm dia x 100mtr long | Weight 39Kg |
| LCR11/150R | 11mm dia x 150mtr long | Weight 47Kg |
| LCR11/200R | 11mm dia x 200mtr long | Weight 54Kg |
| LCR11/250R | 11mm dia x 250mtr long | Weight 61Kg |
| LCR11/300R | 11mm dia x 300mtr long | Weight 69Kg |
| LCR11/350R | 11mm dia x 350mtr long | Weight 78Kg |

14mm DIA ON 1290mm HIGH MOBILE REEL

| | | |
|------------|------------------------|--------------|
| LCR14/150R | 14mm dia x 150mtr long | Weight 65Kg |
| LCR14/200R | 14mm dia x 200mtr long | Weight 77Kg |
| LCR14/250R | 14mm dia x 250mtr long | Weight 87Kg |
| LCR14/300R | 14mm dia x 300mtr long | Weight 99Kg |
| LCR14/350R | 14mm dia x 350mtr long | Weight 111Kg |
| LCR14/400R | 14mm dia x 400mtr long | Weight 123Kg |
| LCR14/450R | 14mm dia x 450mtr long | Weight 135Kg |
| LCR14/500R | 14mm dia x 500mtr long | Weight 147Kg |



CONDUIT ROD ACCESSORIES & PIT LIFTERS

GUIDE TIP

Supplied as standard with all Conduit Rods. The Tip guides the Rod through the Duct, the Eye allows pulling rope to be attached to the Rod.

- M279/B Guide Tip (4mm & 6mm Rod)
M277/2 Guide Tip (9, 11mm & 14mm Rod)



The following 2 Guide Tips do not require end connectors and provide additional flexibility on tight corners.

- M277/8 Special Guide Tip 9mm Rod
M277/7 Special Guide Tip 11mm Rod

END CONNECTOR

Male Rod End Connector supplied as standard at both ends of all Conduit Rods. Threaded end allows the connection of other Rod accessories.

- M371/1 4mm End Connector
M279/A 6mm End Connector
M277/4 9mm End Connector
M277/3 11mm End Connector
M407/1 14mm End Connector

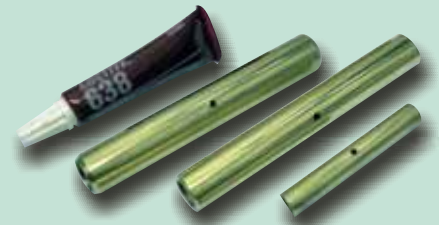
Please note ADH1 adhesive also required to fit connector to rod.



REPAIR KIT

Connector used to repair breakage's to Conduit Rod, the fitting is used with ADH1 Adhesive which is included.

- RK4 4mm Repair Kit inc. Adhesive
RK6 6mm Repair Kit inc. Adhesive
RK9 9mm Repair Kit inc. Adhesive
RK11 11mm Repair Kit inc. Adhesive
RK14 14mm Repair Kit inc. Adhesive



FLEXIBLE GUIDE TIP

Used to guide Conduit Rod around bends, available with Spring End and also Wire Rope End/Flexible Leader which have the added facility of being able to pull back draw rope without reverting to a standard guide tip.

- FGT1 Flexible Guide Tip with Spring
FGT2 Flexible Guide Tip with Wire Rope (Heavy Duty)
FGT3 6mm Flexible Leader Rod
All above suitable for 9mm, 11mm and 14mm rod.



OTHER ACCESSORIES

- GB1 Guide Ball (9mm, 11mm and 14mm Rod) = Used to assist Conduit Rod around bend.
PRG1 Protective Rod Guide = Supplied with all Conduit Rod Reels.
ADH1 3ml Adhesive = Used to glue End Connectors to Conduit Rod.
LDS2 Shackle (9mm, 11mm and 14mm Rod) = Used with Guide Tip when a larger pulling eye is required.

| PART NO. | DESCRIPTION | PART NO. | DESCRIPTION |
|----------|----------------------------|----------|-----------------------------|
| S00-3002 | A) NO 2 PIT LIFTER | S00-3031 | D) LIFTING KEYS 9758 (EACH) |
| S00-1072 | B) HEAVY DUTY MAN HOLE KEY | S00-1463 | E) REPLACEMENT HOOK FOR A |
| S00-1073 | C) 4" MANHOLE KEY (PAIR) | S00-7906 | F) 4 WAY UTILITIES KEY |



| PART NO. | DESCRIPTION | PART NO. | DESCRIPTION |
|----------|--------------------------|----------|------------------------|
| S00-1071 | A) NO 4 PIT LIFTER | S00-3575 | D) CARRIAGE WAY KEY 2A |
| S00-3001 | B) D PIT LIFTER (EACH) | S00-1463 | REPLACEMENT HOOK FOR A |
| S00-3000 | C) 20" PIT LIFTER (PAIR) | S00-7907 | E) 4 WAY PIT LIFTER |



CABLE & DUCT PULLING ACCESSORIES

SWIVEL LINK

Enables Winch rope to revolve during pulling operation preventing twisting or kinking.

Machined from solid steel zinc plated finish.

Heavy duty swivel bearing to allow sustained pulls.

Totally smooth exterior finish.

Grease packed on assembly minimising further lubrication.



| Model | Min Break Strain | Jaw Size | Pin Dia. | Overall Length | Overall Diameter | Weight |
|-------|------------------|----------|----------|----------------|------------------|--------|
| SL3 | 3 Tonne | 16mm | 10mm | 100mm | 30mm | 0.5Kg |
| SL5 | 5 Tonne | 32mm | 16mm | 200mm | 55mm | 2.5Kg |
| SL10 | 10 Tonne | 39mm | 24mm | 325mm | 60mm | 5Kg |

CABLE STOCKINGS

Sometimes called Cable Socks or Cable Grips.

An efficient method of supporting or pulling cables.

Manufactured from high tensile galvanised steel wire.

Also available on request in stainless steel wire or Kevlar.

Available as Single Eye (S type).

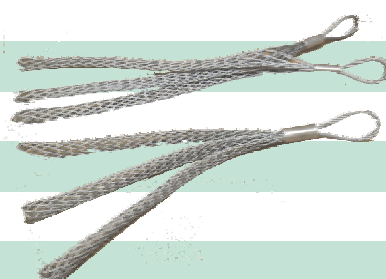
Double Eye (D type) or Lace Up (L type).



| Dia of Cable | S Type Code | D type Code | L type Code | Lattice Weave | Lattice Length | Overall Length | Actual Break Tonne |
|--------------|-------------|-------------|-------------|---------------|----------------|----------------|--------------------|
| 6-13mm | CS11 | CS21 | CS31 | Single | 230mm | 305mm | 0.75T |
| 13-19mm | CS12 | CS22 | CS32 | Single | 355mm | 430mm | 1.00T |
| 19-25mm | CS13 | CS23 | CS33 | Single | 405mm | 510mm | 2.50T |
| 25-38mm | CS14 | CS24 | CS34 | Single | 455mm | 610mm | 3.50T |
| 38-50mm | CS15 | CS25 | CS35 | Double | 535mm | 735mm | 5.00T |
| 50-63mm | CS16 | CS26 | CS36 | Double | 610mm | 865mm | 5.00T |
| 63-89mm | CS17 | CS27 | CS37 | Double | 685mm | 990mm | 6.00T |
| 89-115mm | CS18 | CS28 | CS38 | Double | 685mm | 990mm | 7.00T |
| 115-130mm | CS19 | CS29 | CS39 | Double | 685mm | 990mm | 7.00T |

The following cable socks are supplied with 3 legs for pulling 3 separate cables at the same time.

| Dia of Cable | S Type Code | D type Code | Lattice Weave | Lattice Length | Overall Length | Actual Break Tonne |
|--------------|-------------|-------------|---------------|----------------|----------------|--------------------|
| 19-25mm | CST13 | CST23 | Single | 405mm | 510mm | 2.50T |
| 25-38mm | CST14 | CST24 | Single | 455mm | 610mm | 3.50T |
| 38-50mm | CST15 | CST25 | Double | 535mm | 735mm | 5.00T |
| 50-63mm | CST16 | CST26 | Double | 610mm | 865mm | 5.00T |
| 63-89mm | CST17 | CST27 | Double | 685mm | 990mm | 6.00T |
| 89-115mm | CST18 | CST28 | Double | 685mm | 990mm | 7.00T |
| 115-130mm | CST19 | CST29 | Double | 685mm | 990mm | 7.00T |



All sizes in mm. Larger diameter and longer lengths can be made to order.

CABLE ROLLERS AND GUIDES - for the duct

ML5 Manhole Roller

Designed for placing at the end of the manhole or pit entrance to ease the cable in. Triple Aluminium Roller on tubular steel frame.

Zinc Plated.

Height 630mm **Width** 290mm **Length** 500mm **Weight** 14Kg.



RR3 Rope Guiding Roller

Used to guide drawropes and cabling ropes out of manhole entrance and jointboxes to avoid damage to the rope. Consists of an aluminium roller mounted on a zinc plated frame, which has two lugs for location into the jointbox or manhole.

Also available RR5 with a heavy duty steel roller running on roller bearings.

Height: 150mm **Width:** 152mm **Length:** 254mm **Weight:** 4Kgs



ERS76 Edge Roller Swivelling

For protection of the rope on the rim and corner of the manhole.

Unit swivels to the direction of the pull.

Aluminium roller in zinc plated frame.

Height: 180mm **Width:** 200mm **Length:** 270mm **Weight:** 4.5Kgs

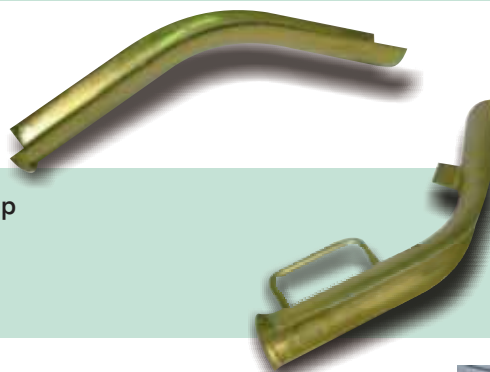


Cable Protecting Bend Without Stop

CPB1 – For Ducts inside dia. 89mm

CPB2 – For Ducts inside dia 100mm

Zinc plated.



Cable Protecting Bend With Handle And Stop

CPB3 – For Ducts inside dia 89mm

CPB4 – For Ducts inside dia 100mm

Zinc plated.

CPB5 – Cable Protecting Bend With Angled Base

To fit the rim corners of the manhole. Unit swivels to the direction of the pull.

Zinc plated



CPB6 – Cable Protecting Bend with Snout

For securing inside 89 or 100mm Ducts

Zinc plated



SLINGS

For use with pulling eye. Available as standard for pulling 3 or 4 way sub duct.

3 way Sling. Staggered 3 way pulling Harness

4 way Sling. Staggered 4 way pulling Harness

Manufactured from galvanised steel wire.



SUB DUCT PULLING EYE WITH CLEVIS

Sub Duct pulling eye (carrots) with Clevis pin and eye other end to attach draw rope etc. Units tapered and threaded to cover range.

Zinc plated.

PE1 Pulling eye for sub duct range 24-29mm

PE2 Pulling eye for sub duct range 29-37mm



DUCT EQUIPMENT

BM. Steel Bellmouths

In separate hinged halves to guide the cable through the duct to avoid damage to both the Cable or the Duct.

BMR models available fitted with roller for additional rope guidance and protection. Zinc plated

| | | |
|-------|----------|-----------------------|
| BM60 | (BMR60) | for ducts 60 - 69mm |
| BM80 | (BMR80) | for ducts 76 - 89mm |
| BM90 | (BMR90) | for ducts 90 - 97mm |
| BM100 | (BMR100) | for ducts 99 - 106mm |
| BM125 | (BMR125) | for ducts 124 - 130mm |
| BM150 | (BMR150) | for ducts 148 - 155mm |
| BM160 | (BMR160) | for ducts 152 - 176mm |
| BM175 | (BMR175) | for ducts 170 - 180mm |
| BM200 | (BMR200) | for ducts 194 - 212mm |
| BM230 | (BMR230) | for ducts 220 - 239mm |
| BM250 | (BMR250) | for ducts 246 - 266mm |



Four Rollered Bellmouths

Steel Bell mouth fitted with 4 rollers to provide additional protection, ensuring the cable can be pulled through in any direction without causing damage. This model is available in the following sizes:-

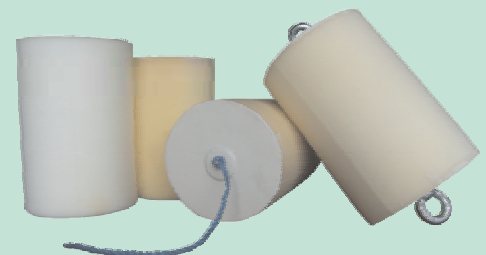
| | |
|---------|---------------------|
| BM4R100 | for ducts 99-106mm |
| BM4R125 | for ducts 124-130mm |
| BM4R150 | for ducts 148-155mm |
| BM4R160 | for ducts 152-176mm |
| BM4R175 | for ducts 170-180mm |
| BM4R200 | for ducts 194-212mm |
| BM4R230 | for ducts 220-239mm |
| BM4R250 | for ducts 246-266mm |



Foam Pigs

Foam Pigs are used to remove dust or fluids from all pipe materials. They are generally pushed through a pipe using air or water pressure, although they can be supplied with a facility to allow to be pulled through a pipe by a winch.

Foam Pigs are flexible and bi-directional, they will negotiate all conventional pipeline/duct fittings. The sealed End Pigs are cylindrically shaped and incorporate an impermeable disc at one end which is bonded to the foam. This version, which by virtue of the sealed end is non-porous, is designed for the more arduous applications such as pipe cleaning and drying. All SEB range of Foam Pigs are available to suit Pipe/Duct ID of between 2" and 42". Special sizes can be supplied to suit individual requirements.



Rope Blowing Tee and Pipe Stoppers

SEB's Rope Blowing Tee is a product designed for installing draw ropes into cable ducts. The Rope Blowing Tee is connected to the inlet of a Pipe Stopper supplied separately and then connected to the airline from a pneumatic compressor. The Draw Rope is then fed through the hole in the end of the Rope Blowing Tee and attached to a line blowing dart or Foam Pig. Our range of Rope Blowing Tees are available to suit all sizes of Pipe Stoppers, which generally have either 1/2" or 1" outlets.



Shown attached to the Rope Blowing Tee is the Expanding Pipe Stopper, the main use for the Pipe Stopper is to prevent the ingress of water, gases, rodents and debris into a newly laid or decommissioned pipe. The SEB range of Pipe Stoppers are available in a number of different types to cover the size range 1/2" (12mm) to 48" (1200mm)

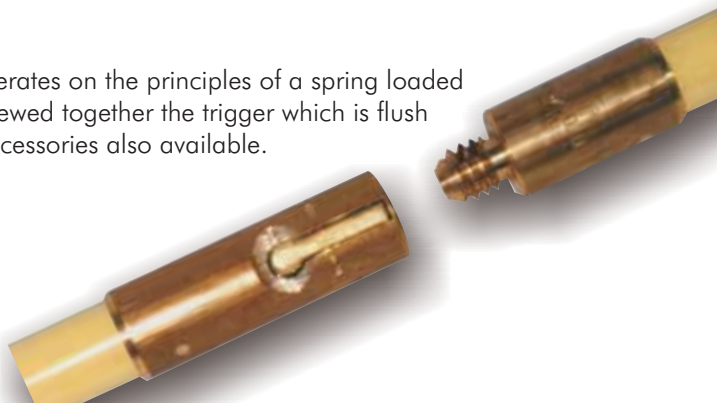
DUCT EQUIPMENT

RIGID PVC DUCT RODS

PVC Rods available in two and three metre lengths.

The joint is commonly known as the Ferret type which operates on the principles of a spring loaded pin engaging into a mating hole. When the joints are screwed together the trigger which is flush with the body of the joint is pressed for quick release. Accessories also available.

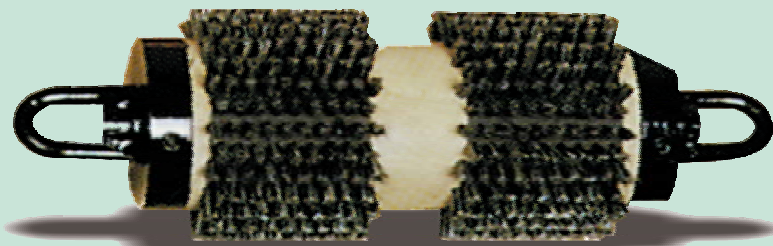
- RD1 Duct Rods 3mtr long x 24mm O. D
- RD2 Duct Rods 2mtr long x 24mm O. D
- LM1 Rod Male Leader (to assist rod through Duct)
- FF2 Rod Female follower (for tying Draw Rope etc to)
- CUP1 Coupling up set 35mm dia
- CUP2 Coupling up set 48mm dia



DUCT BRUSHES

Cylindrical Brush With Polypropylene Centres drilled and fitted with threaded steel Rod, Steel end caps and Pulling Eye each end. Overall length including Eye 350mm. Standard sizes as follows

- CB57 Cylindrical Brush 57mm
 - CB80 Cylindrical Brush 80mm
 - CB86 Cylindrical Brush 86mm
 - CB95 Cylindrical Brush 95mm
 - CB108 Cylindrical Brush 108mm
 - CB150 Cylindrical Brush 150mm
 - CB200 Cylindrical Brush 200mm
- Specials available on request.



DUCT PROVING MANDRELS

Used to prove there are no restrictions within the duct. Both types are approximately 240mm long fitted with a threaded rod and pulling eye each end to give an approx overall length of 350mm

Standard outside diameters as follows

- SM43 Steel Mandrel 43mm
 - SM70 Steel Mandrel 70mm
 - SM76 Steel Mandrel 76mm
 - SM79 Steel Mandrel 79mm
 - SM83 Steel Mandrel 83mm
 - SM95 Steel Mandrel 95mm
- Specials available on request

- BT43 Polypropylene Mandrel 43mm
- BT70 Polypropylene Mandrel 70mm
- BT79 Polypropylene Mandrel 79mm
- BT83 Polypropylene Mandrel 83mm
- BT95 Polypropylene Mandrel 95mm



CABLE LUBRICANT

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

POWER - Pail size 20 ltr.

CL1 Techlube H.D – Developed for large power and also heavy telecommunication cables High cling factor enables it to remain evenly coated on large diameter cables allowing it to slip into ducts more easily than conventional lubricants.

TELECOMMUNICATIONS - Pail size 20 ltr.

LD1 Lubricants – Approved to BT Specification MAT 138C Emulsion based with silicone this product is specially formulated with added micro beads to reduce pulling friction by up to 70%

LD2 Lubricant – Low cost version of the above. Generally the same as LD1 but without the micro beads.



HYDRAULIC CABLE CUTTER

HHC120 Hydraulic Cutting Head

Designed to cut aluminium, copper and telecommunication cables having a maximum overall diameter of 120mm. For use with HHP1 Foot Pump. Other sizes available on request



HHC085 Hand Operated Hydraulic Cutting Tool

Designed to cut copper, Aluminium and telecommunication cable having a max overall diameter of 85mm



HYDRAULIC CRIMPING TOOLS

HOCT 400H Crimping Tool

A "C" type hand Hydraulic Tool for Crimping Copper tube terminals 10 to 400mm² using hexagon dies (13 dies required to cover this range). Head Rotates through 180° to allow operation in restricted places.



HOCT 400

Hydraulic head only generally as above used with HHP1 Foot Pump.



HOCT630 Hydraulic Crimping Head

For crimping Copper Tube Terminals 10-630mm². For use with HHP1 Foot Pump.



HOCT 1000 Hydraulic Crimping Head

For crimping up to 1000mm². For use with HHP1 footpump. Dies available



HYDRAULIC PUMPS

HHP-1 Hydraulic Foot Pump

Foot operated double speed pump. Developing a maximum pressure of 700 bar. The pump is supplied with 3m long high pressure flexible hose complete with female self lock quick coupler.

Pressure can be withdrawn at any time during operation by depressing the release lever. A solid stand gives the pump stability during operation.



EDP230 Electrically Driven Hydraulic Pump

Electrically driven hydraulic pump, powered by a 230V / 50-60Hz single-phase electric motor.

The remote hand controller allows advancement and pressure release on completion of the crimping operation.

The mechanically actuated emergency button located on the pump body allows the pressure release at any time in case of power shortage.

Also available EDP110 for 110-115V/50-60Hz

Both models are IP55 rated



CORDLESS HYDRAULIC CRIMPING TOOL

CHC130 14.4 V Hydraulic Crimping tool

For crimping copper tube terminals 10-400mm² using hexagon dies, the unit is lightweight and balanced for single hand operation.

The tool features a double speed action: a fast advancing speed for rapid approach of the dies to the connector and a slower more powerful speed for crimping.

The crimping head can rotate through 180° for ease of operation.

The CHC130 will accept all semi-circular slotted dies, common to most 12 tons tools (U dies). Fitted with a maximum hydraulic pressure valve.

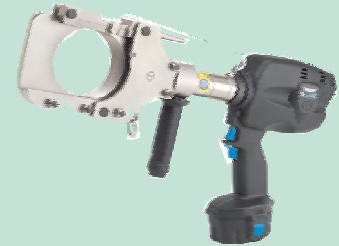


CORDLESS HYDRAULIC CUTTING TOOL

CHCT95 14.4 V Cordless Hydraulic Cutting Tool

Specifically designed to cut copper, aluminium and telecommunication cables having a max overall diameter of 95mm

The tool features a double speed action: a fast advancing speed for rapid approach of the blades to the cable and a slower more powerful speed for cutting.



MANUAL CUTTING TOOLS

KT4

For cutting cables ø max 52mm

Weight: 0.88 kg

Length: 310 mm



5116660500

For cutting cables 6 to 500 sqmm

Weight: 3 kg

Length: 800 mm



Other sizes for manual cutting and crimping tools are available on request

MEASURING WHEELS

MW1

Measuring wheel supplied with carry bag. Low cost measuring wheel with high specification. Adds forward and subtracts in reverse. Measures along shapes as well as straight lines. 5 digit measuring up to 10,000 meters without resetting.

Simple reset lever to zero. Lightweight only 1.5Kgs.

Available also in electronic read out.

MW2

Measuring wheel c/w stand, brake and carry case, 6 digits measuring up to 100,000mtrs otherwise as above.



CABLE AVOIDANCE TOOLS

Following the HSE recommendations for safe digging practice, get some serious cable locating equipment on the job and make sure it gets used. Please find below the current SEB range of cable locating equipment.



CAT33 Cable Avoidance Tool

The Cable Avoidance Tool is a fully featured, 33 kHz industry standard tool which every ground working operative will find familiar and easy to use. Combined with a SGV Signal Generator and a powerful range of accessories, the Cable Avoidance Tool has become the main component of a versatile pipe and cable tracing system used by hundreds of Companies and their ground operators over the last 15 years.

CAT 33XD Cable Avoidance Tool

The Cable Avoidance Tool XD has all the features of the Cable Avoidance tool but with the addition of Depth Estimation. Depth Estimation is an extremely useful aid to identify a selected correct pipe or cable when it is buried amongst other cables and pipes underground.

SG33 Signal Generator

An SGV signal Generator is a vital accompaniment to a Cable Avoidance Tool and significantly increases the number of buried services that can be detected

The 33 kHz SGV Signal Generator can energize a buried metal pipe or cable by 'direct connection' to the target pipe or cable or the simpler 'induction' method from above ground.



CXL2 Digital Cable Avoidance Tool

With additional Combined 33/131 kHz frequency to detect frequencies for small bore cables, the new CXL2 Cable Avoidance Tool with the data logging provides a more reliable and improved signal detection in an ever increasing noisy and congested underground environment. The CXL2 has an Automatic Daily Self Test to ensure that it is working before use, and time stamped data-logging to record when and how it is being used.

In addition there is no longer any requirement to send the units away for calibration checks every year, reducing the cost of ownership and the unit comes with a 3 year warranty.

Other standard features include a fast response Auto Backlight LCD indicating signal level and battery condition and familiar operator controls.



DXL2 Digital Avoidance Toll with Depth

With all the features of the CXL2, the DXL2 had the added feature of Depth, which in conjunction with an SGV2 transmitter or a Sonde, allows instant depth measurement of the transmitted signal. The depth is indicated on the standard LCD.



SGV2 Signal Generator

Use the SGV2 Signal Generator to transmit an easily identifiable signal to a buried cable or pipe. The SGV2 has a 4 level 1 Watt signal output to provide an accurate and reliable signal to trace on a utility. Supplied with a large accessory tray containing connection leads, ground stake 10m earth lead extension and connection magnets.



Signal Clamp

Apply the SGV2 signal effectively to any cable by using the Signal Clamp. An extremely practical way to allow individual cables to be traced even when amongst other cables.



Sonde

Allows the route of non-metallic pipes such as sewers, drains and large plastic gas and water mains to be traced using a Cable Avoidance Tool. Using the DXL2 allows identification of not only the position of the Sonde but also it's depth. Ideal for finding the position of blockages in pipes and powerful enough to be detectable at 7 metres depth.



CABLE DRUM HANDLING

CDR2 Cable Drum Rotators

Heavy Duty all steel welded fitted with one fixed and one adjustable diablo shaped steel roller with sealed bearings.

Maximum drum payload 1500kgs.

Finish: Painted

Drum dia. max. 2400mm Drum dia. min, 300mm.

Drum width Adjustable.

Size each 1000mm x 225mm x 120mm. Weight per pair 54Kgs.



CDR3 Cable Drum Rotators

Rollers - Zinc plated steel - adjustable and fitted with sealed bearings.

Maximum Drum payload 200Kgs.

Finish: Zinc plated.

Drum dia. max. 750mm Drum dia. min. 200mm

Drum width 520mm

Base size 630mm x 550mm Weight 16Kgs.



DTS1 Drum Tip Stand

For ease of lifting and payout of cable.

All steel welded tubular frame.

Max. drum dia. 1750mm

Max. drum width 930mm

Drum weight 750Kgs.

Paint finish.



Cable Ramp

The Cable Ramp is designed to support and guide the cable directly from the cable drum and directly into the trench or duct mouth in a controlled manner, by means of a series of rollers. The unit is designed and built to order and therefore can be made to your specification.

Paint finish.



CDS1 Universal Cable Drum Stand

Lightweight unit suitable for a variety of cabling applications.

Complete with spindle.

Accommodates drums up to 600mm diameter and 500mm wide.

Zinc plated frame.

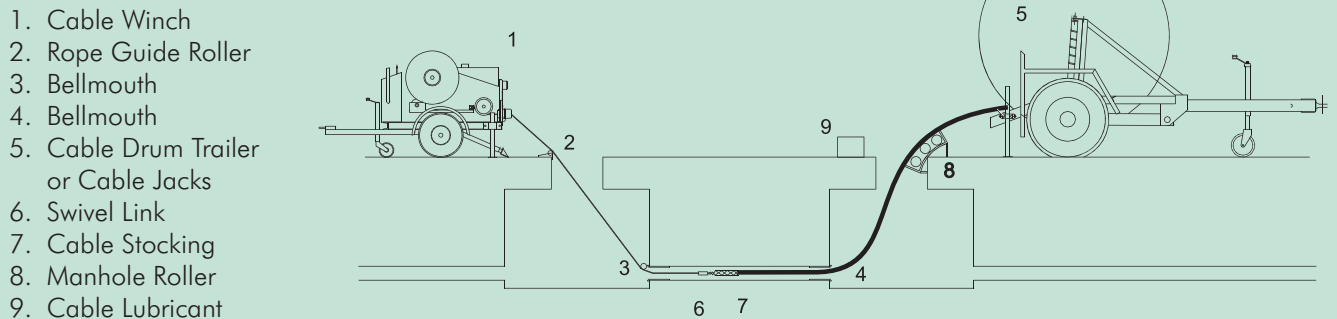
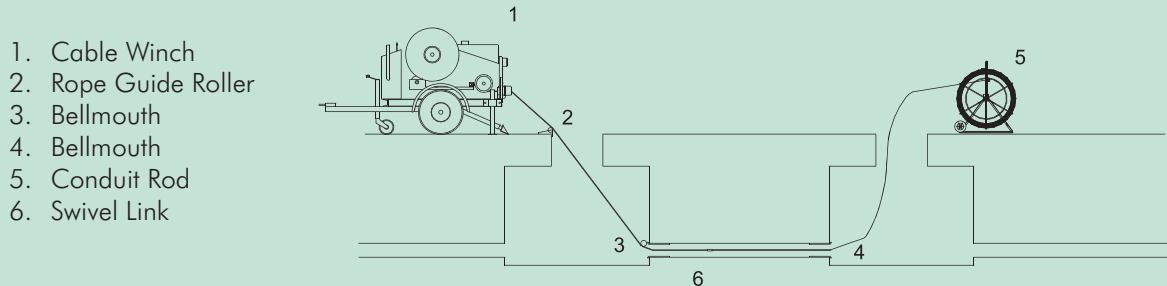
Max. drum weight 100kgs.



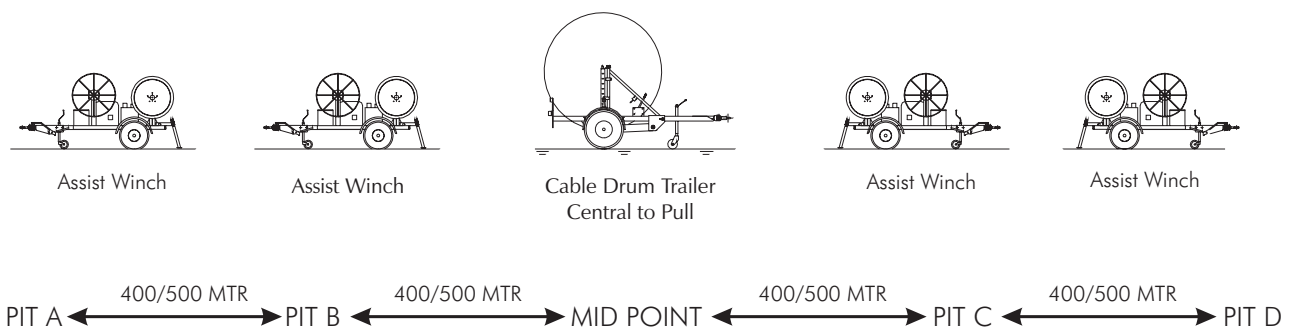
CABLE LAYING IN DUCTS

A Typical Layout of Equipment used for Installing Cable into Ducts

PREPARATION FOR CABLE PULL



Typical Fibre Optic Cable Pull



Position cable drum trailer at mid point and winches at pits A & B.

The winches at pits B & C are placed at mid point of the run to keep pulling tension down to a minimum thereby allowing longer pulls to be achieved without the need of expensive splicing.

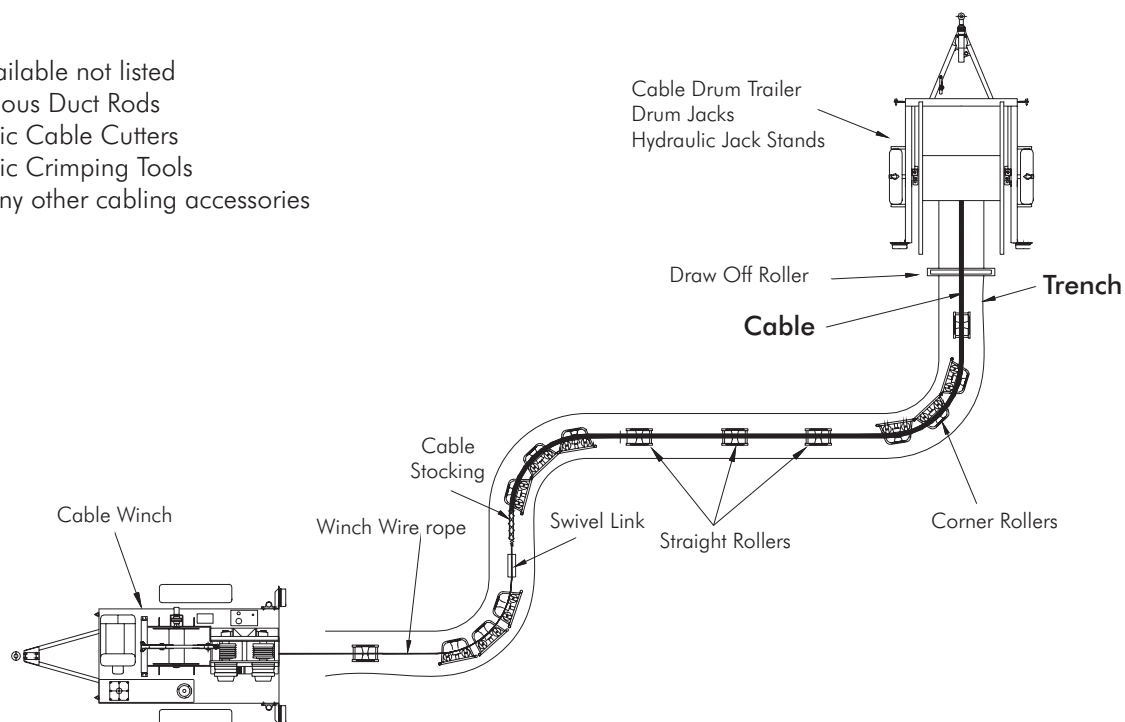
After the cable has been pulled through to Pit A the remaining cable on the drum can then be fletted to obtain the other end of the cable to be pulled through the duct.

The winches can then be repositioned at Pits C & D and the cable can then be pulled through to Pit D.

CABLE LAYING IN OPEN TRENCH

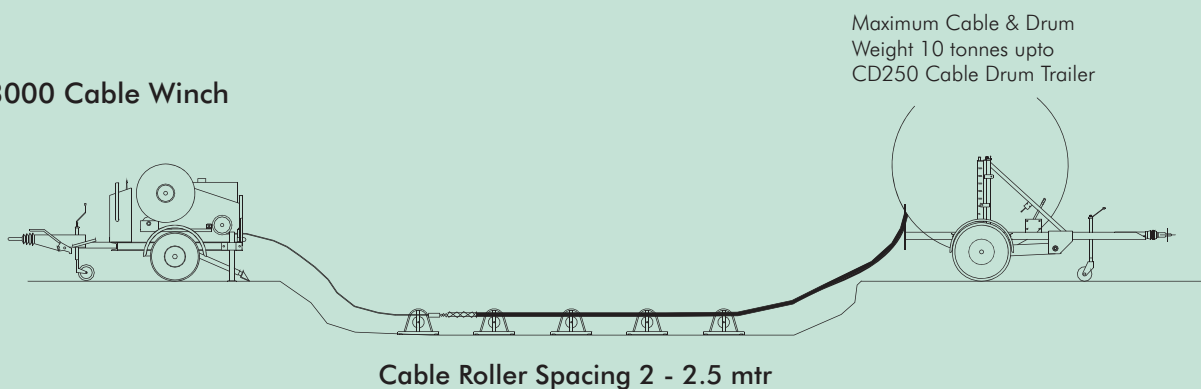
Typical Layout of Equipment used for Installing Cable in Open Trench

Also available not listed
Continuous Duct Rods
Hydraulic Cable Cutters
Hydraulic Crimping Tools
and many other cabling accessories

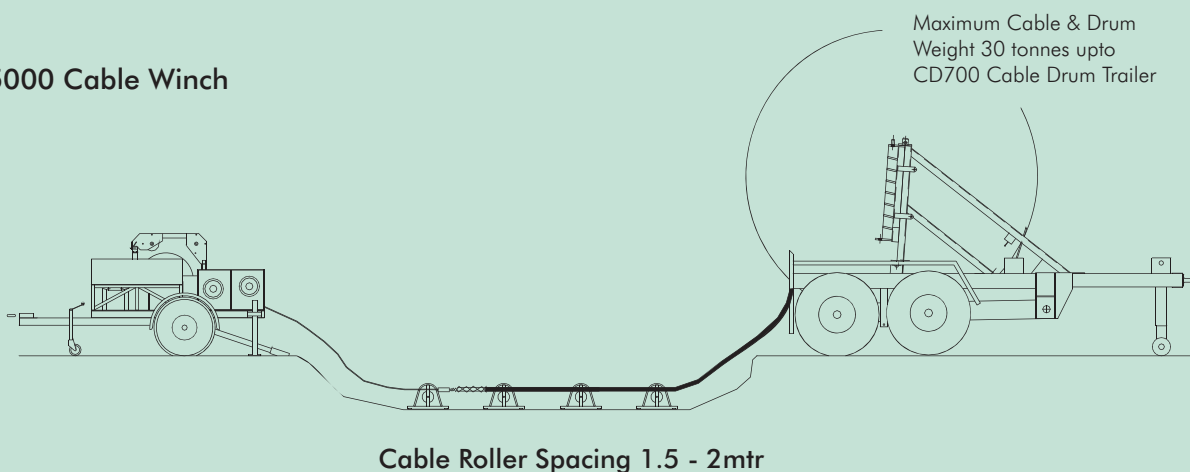


Compatibility of Winch to Cable Weight/Drum Trailer

FW3000 Cable Winch



TW5000 Cable Winch



Important Do not leave lead sheathed cable on cable rollers over nights as the cable will sag between rollers. This can potentially, cause damage to the cable.

The winch/trailer compatibility is intended as a general guide only and is dependent on the site conditions and cable route.

The Complete Cabling Package



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SEB Policy is one of continued development and all specifications are subject to alteration without notice.