

Leaders in Advanced Cable installation Equipment

CBS Products,(KT), Ltd, Pilings Road, Oakham, Rutland, LE15 6QF. UK

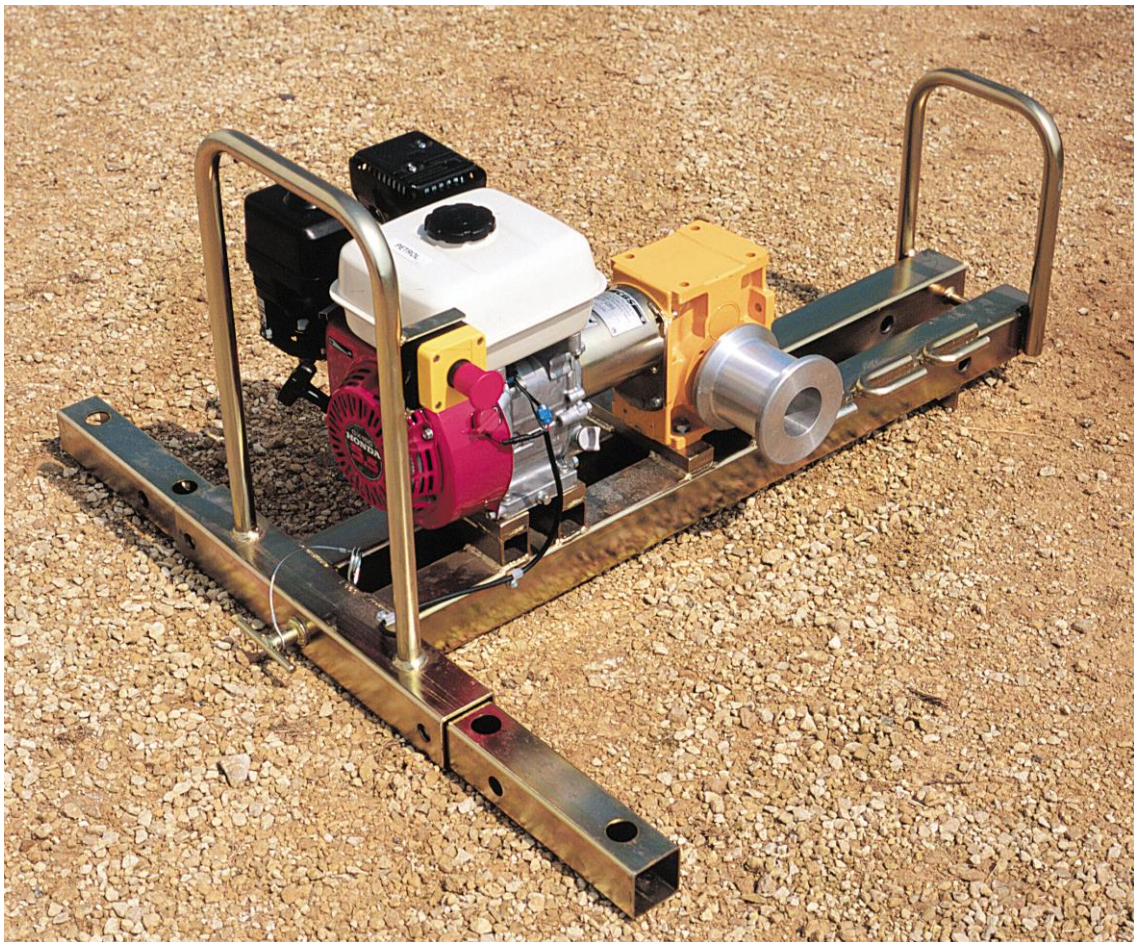
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CBS 1035 CAPSTAN WINCH



OPERATING AND MAINTENANCE MANUAL

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SAFETY INSTRUCTIONS

THIS EQUIPMENT MUST ONLY BE USED BY AUTHORISED PERSONNEL, WHO HAVE BEEN SUITABLY TRAINED AND COMPETENT TO DO SO.

THESE INSTRUCTIONS ARE TO BE MADE AVAILABLE TO OPERATORS OF THIS EQUIPMENT AT ALL TIMES.

1. Read and understand the operation and maintenance manual supplied with this equipment. Keep it in a convenient place for future reference.
2. Keep children and untrained personnel away from this equipment whilst in operation.
3. Keep all guards and safety devices in place. Do not operate this equipment with guards removed or damaged.
4. Keep hands, feet and loose clothing away from moving parts.
5. Always stop the machine to carry out lubrication and servicing.
6. Check machine before starting for worn or damaged parts. Check that all nuts and bolts are tight.
7. If machine is left unattended, ensure that unauthorised use is prevented.
8. Never leave the machine unattended whilst in use.
9. Consider the use of safety barriers, especially when used in public places.
10. Beware of pinch points involved with rotation components, e.g. rope/cable drums, capstans, bullwheels, shafts and chain drives.
11. Beware of hot surfaces, especially around the engine and exhaust pipe and hydraulic oil tank.
12. Keep feet away from hydraulically operated props.
13. Some component and assembly parts are in excess of 32kg (70lb). When lifting care must be taken, ensure sufficient manpower / lifting gear is available, to prevent personal injury and damage to the machine.
14. Beware of exposed electrical contacts especially around the engine and battery. Do not touch, or allow metal objects to come into contact.
15. Waste engine and hydraulic oils are to be disposed of via an environmentally acceptable method – e.g.: passed on for re-cycling.

Introduction



CBS Products, (KT), Ltd is a long established U.K company situated in rural Oakham, Rutland. From its 4-acre site, CBS design, manufacture, test and market a comprehensive range of quality products for the electricity, telecommunication and CATV industries. Products include overhead line and underground winches, cable drum trailers and stands, stringing equipment, in fact everything required for the installation or erection of conductors and cables.

With a long history of designing standard and specialised equipment to meet the needs of customers worldwide, CBS has invested in the latest computer aided design and analysis systems and an integrated manufacturing plant.

CBS Products Ltd operate stringent quality controls throughout the organisation and has a quality assurance system certificated to ISO 9001: 2008. Our total commitment to providing quality products and service is reflected in the high standard of the finish, use and long life of all our products.

There are certain controls and control functions, included in the winch, which are critical to the safe operation of the winch. These safety critical controls are clearly marked in the manual with the following symbol. It is imperative that these operating and maintenance procedures are followed exactly, to ensure safe operation.



OPERATION INSTRUCTIONS

1. THE CROSS MEMBER SHOULD BE REMOVED FROM ITS STORAGE POSITION, AND INSERTED INTO THE FRAME. THIS IS USED TO SUPPORT THE WINCH ACROSS THE MANHOLE. THE CROSS MEMBER IS LOCKED INTO POSITION WITH A LOCKING PIN COMPLETE WITH R-CLIP.
2. POSITION THE UNIT OVER THE MANHOLE SUCH THAT THE ANGLE IRON ON THE UNDERSIDE OF THE FRAMEWORK IS RESTING INSIDE THE MANHOLE, UP TO THE SIDE FROM WHICH PULLING IS TO COMMENCE.
3. ENSURE THAT THE ROPE PASSES THROUGH ONE OF THE ROPE GUIDES MOUNTED ON THE FRAME.
4. START THE ENGINE – REFER TO ENGINE MANUAL.
5. WRAP THE ROPE AROUND THE CAPSTAN 2-3 TIMES AND COMMENCE PULLING.

6. EMERGENCY STOP

AN EMERGENCY STOP BUTTON IS PROVIDED WHICH WILL STOP THE ENGINE. TO RESTART, THE EMERGENCY STOP BUTTON MUST BE RELEASED.

7. GEARBOX MAINTENANCE

CHANGE OIL AFTER THE FIRST 100 HOURS OF WORK, OTHER CHANGES AFTER 2000 HOURS OR AT LEAST ONCE PER YEAR. DRAIN THE GEARBOX IMMEDIATELY AFTER WORKING WHEN THE OIL IS STILL WARM IN ORDER TO AVOID THE DEPOSIT OF SLUDGES. CLEAN THE PLUGS, ESPECIALLY THE MAGNETIC PLUGS. IT IS RECOMMENDED TO WASH THE GEARBOX INSIDE WITH A DETERGENT BEFORE REFILLING IT WITH THE NEW OIL.

Gearbox Oil grades
Kluber Lubrication Syntheso D 220 EP
Mobil Glygoyle 30

Capacities
C-1035-05-0001 1 Litre
C-1035-10-0001 2 Litres

CBS 1035 CAPSTAN WINCH

THIS IS A CAPSTAN WINCH DESIGNED FOR USE OVER STANDARD MANHOLES. THE WINCH IS POWERED BY A 5 ½ H.P. HONDA PETROL ENGINE AT 3600 RPM THROUGH AN ORTHOGONAL GEARBOX GIVING A PULLING CAPACITY OF 500kg.

TREATED WITH CARE, THE WINCH WILL PROVIDE YEARS OF TROUBLE FREE OPERATION.

SPECIFICATION: - C-1035-05-0001

| | |
|------------|----------|
| CAPACITY | 500kg. |
| ROPE SPEED | 20m/min. |
| LENGTH | 1100mm. |
| WIDTH | 500mm. |
| HEIGHT | 600mm. |
| WEIGHT | 69kg. |

CBS 1035 CAPSTAN WINCH

THIS IS A CAPSTAN WINCH DESIGNED FOR USE OVER STANDARD MANHOLES. THE WINCH IS POWERED BY A 8 H.P. HONDA PETROL ENGINE AT 3600 RPM THROUGH AN ORTHOGONAL GEARBOX GIVING A PULLING CAPACITY OF 1000kg.

TREATED WITH CARE, THE WINCH WILL PROVIDE YEARS OF TROUBLE FREE OPERATION.

SPECIFICATION: - C-1035-10

| | |
|------------|----------|
| CAPACITY | 1000kg. |
| ROPE SPEED | 20m/min. |
| LENGTH | 1100mm. |
| WIDTH | 550mm. |
| HEIGHT | 600mm. |
| WEIGHT | 99kg. |

CE CERTIFICATE

DECLARATION OF CONFORMITY

MANUFACTURER: CBS Products Limited
Pillings Road
OAKHAM
Rutland
LE15 6QF

MODEL NUMBER: C-1035-10

SERIAL NUMBER: 132

DESCRIPTION: Capstan Winch

MANUFACTURED IN ACCORDANCE WITH THE SUPPLY OF MACHINERY (SAFETY) REGULATIONS 1992 (S.I. 1992/3073) AND IN CONFORMANCE WITH THE ESSENTIAL HEALTH AND SAFETY REQUIREMENTS.

RESPONSIBLE PERSON – MR ANDREW SIBUN – TECHNICAL MANAGER

SIGNED ON BEHALF OF RESPONSIBLE PERSON

..... MR TONY LEWIS - OPERATIONS DIRECTOR