



Heavy Duty Hand Cable Puller 2000kg / 3m Cable

FR Palan-tendeur de traction usage intensif

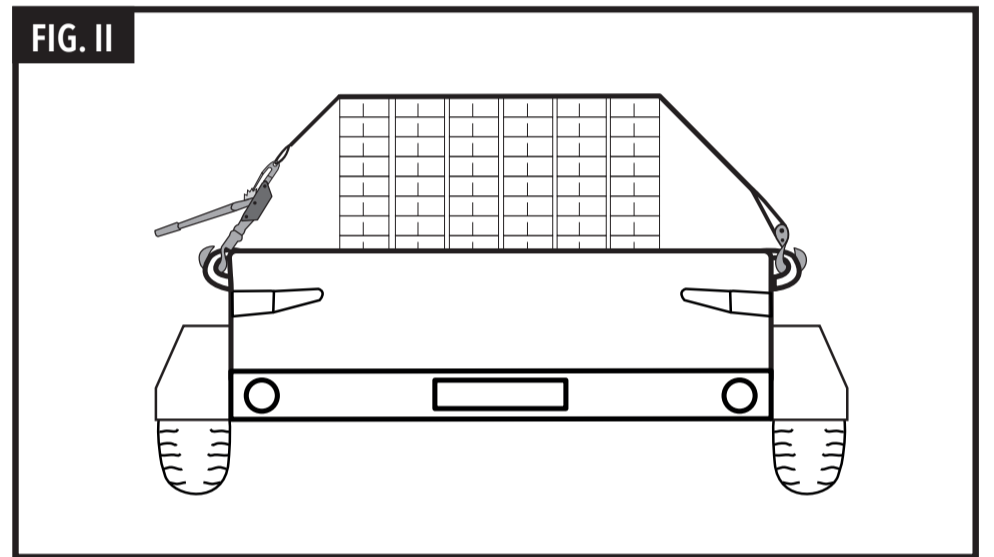
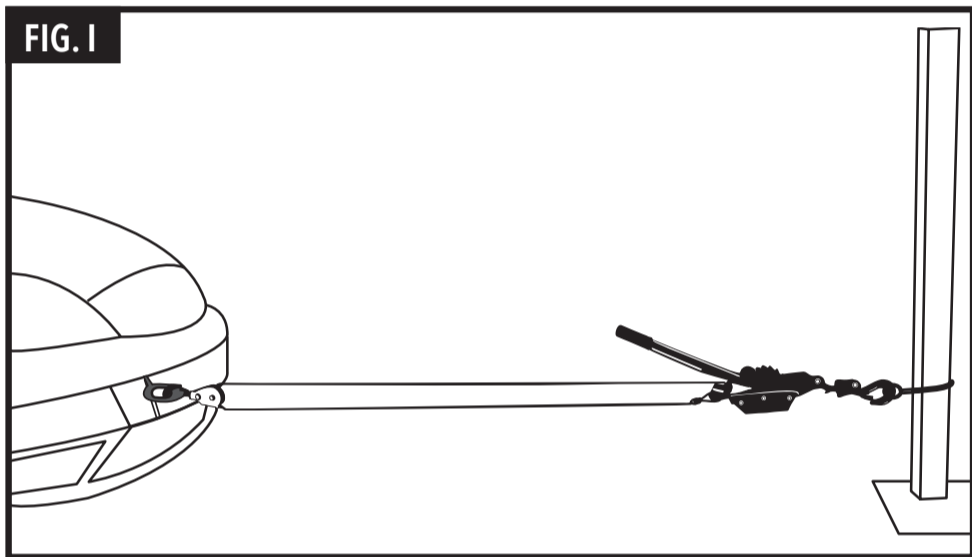
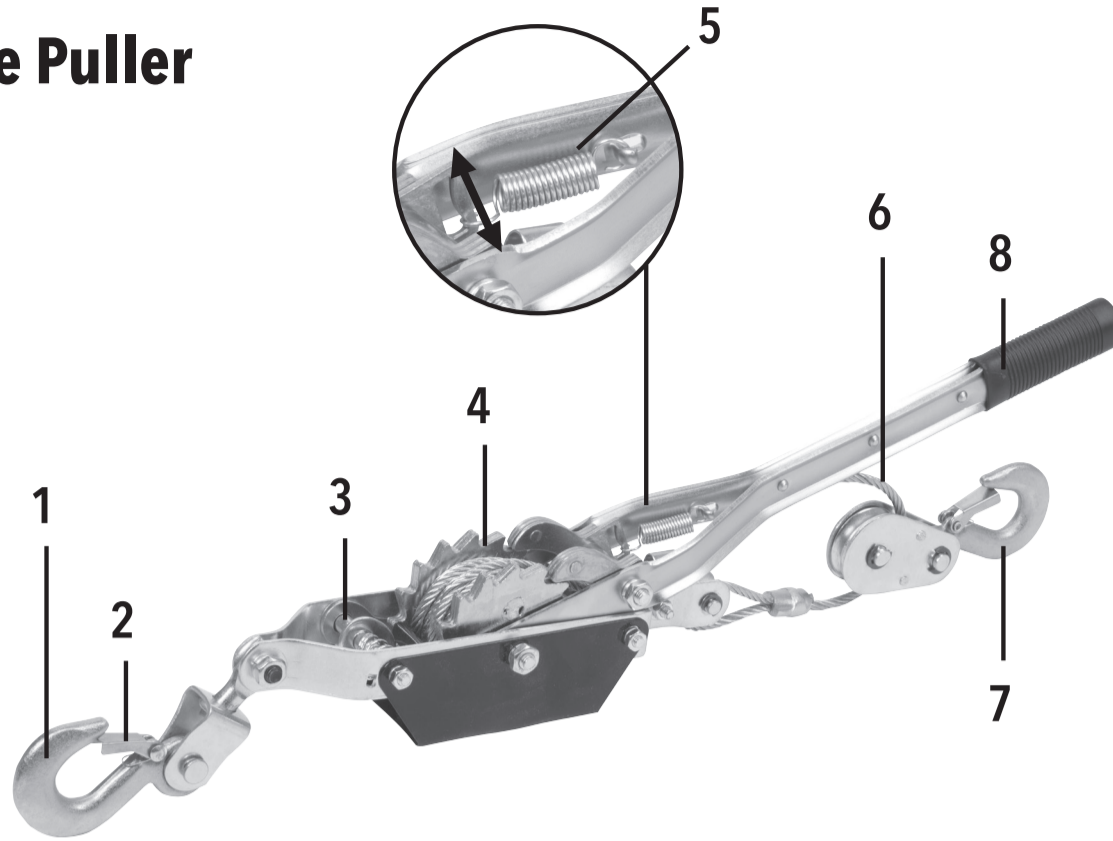
DE Schwerlast-Greifzug

ES Polipasto de tracción de gran capacidad

IT Estrattore cavo a sollecitazione severa

NL 'Heavy-Duty' hand treklier

PL Wytrzymała ręczna wciągarka kablowa



GB

Familiarisation

1. Fixed Hook
2. Safety Bar
3. Ratchet Lock Lever
4. Ratchet Teeth
5. Ratchet Drive Spring
6. Cable
7. Cable Hook
8. Handle

Specification

Cable:	..... Ø5mm x 3m
*Max. usable distance:	..... 1.68m
Leverage ratio:	..... 15:1
Pulling	
*Max. pulling weight on horizontal surface:	..... 2 Tonne (2000kg)
Rated horizontal pulling force:	..... 822daN
Lashing	
Lashing capacity:	..... 10kN
Standard tension force STP:	..... 822daN
Standard hand force SHF:	..... 50daN

- **DO NOT LIFT** with this puller. This equipment is not designed to hoist. The puller is only designed to be used on a horizontal surface.
- When pulling, allow for rolling resistance which will significantly increase the weight of an object - particularly in cases when pulling through mud, snow or water
- Use an adequate sling, eyebolt or other attachment on the load to be pulled and ensure that there is a positive engagement of the puller hook to the load
- Do not use a pipe, lever or other device to lengthen the handle for additional leverage; the pulley may fail, causing damage and/or personal injury
- Under no circumstances use pulling equipment to pull people or objects with people attached
- Do not modify any pulling equipment. Any attempt to tamper with this equipment will invalidate its guarantee, and could result in serious injury to yourself or others around you
- Pulling equipment should be inspected by a qualified person at least once each year and the results of the inspection recorded in an inspection book for future reference
- If you are in any way unsure about the safe method of using this equipment, do not use it
- Assembly, maintenance, or independent operation of appliances may be assigned by persons who are suitable for and familiar with these procedures.
- The operation guide is available and accessible to persons who are in charge of assembly, maintenance or independent operation of appliance.

- Moving loads:**
- The operator may start moving a load only after determining it is clear that the load is safely secured, and that no persons remain in the danger area, or after confirmation has been received from the chainer.
 - The operator must keep an eye on all load movements.
 - If the operator is unable to keep an eye on all load movements, suitable measures must be taken not to put bystanders in the vicinity of the load at risk.

Lashing Tool Safety

- In selecting and specifying wire lashing cables and flat wire lashing cables, consideration shall be given to the required lashing capacity, taking into account the mode of use and the nature of the load to be secured. The site, shape and weight of the load, together with the intended method of use, transport environment and the nature of the load will affect cable selection.
- The selected wire lashing rope and flat wire lashing rope shall both be strong enough and of the correct length for the mode of use. Always apply good lashing practices as follows:
 - Plan fitting and removal operations before starting a journey. Remove lifting equipment before lashing the load. Keep in mind that during longer transports parts of the load may have to be unloaded. Calculate the number and dimensions of wire lashing ropes and flat wire lashing ropes according to EN 12195-1.
 - Due to dynamic behaviour and elongation under load conditions, different lashing equipment (e.g. wire lashing cables and web lashings made of man-made fibre) shall not be used in parallel direction to lash the same load. Consideration shall also be given to ancillary components and lashing devices in the lashing, which shall be compatible with the wire lashing cable or flat wire lashing cable.
 - Release of the lashing: It shall be ensured that the stability of the load is independent of the lashing cable and that the release of the wire lashing cables or flat wire lashing cables shall not cause the load to fall off the vehicle, thus endangering the personnel. If necessary, attach lifting equipment for further support to the load before releasing the tensioning device, in order to prevent accidental falling.
 - Before unloading: the wire lashing ropes and flat wire lashing ropes have to be released so the load is unhampered.
 - During loading and unloading, attention has to be paid to low overhead power lines.
- Wire lashing cables and flat wire lashing cables and all connecting components shall be examined at regular intervals by a qualified technician. In case of doubt, the lashing shall be taken out of service or returned to the manufacturer for repair. The following attributes are considered to be signs of damage:
 - Localized breaks, reduction by abrasion of the ferrule diameter by more than 5%;
 - Damage of a ferrule or a splice;
 - Visible wire breaks of more than 4 on a length of 3 d, more than 6 on a length of 6 d or more than 16 on 30 d length;
 - Heavy wear or abrasion of the rope by more than 10 % of the nominal diameter (mean value of two measurements at right angles);
 - Crushing of the rope by more than 15%, flaws and kinks;
 - For connecting components and tensioning devices: Deformations, splits, pronounced signs of wear, signs of corrosion and obvious defects on the jaws of the rope pulley.
- Wire lashing ropes with broken strands shall not be used. Repairs shall only be made by the manufacturer. Following repair, the manufacturer shall guarantee that the original performance of the wire lashing rope or flat wire lashing rope, and the tensioning elements such as winches and hoists is maintained.
- Wire lashing cables and flat wire lashing cables shall only be used in a temperature range of -40°C to +100°C. At temperatures below 0°C, examine brake and traction rope of tensioning elements (winches, hoists) signs of icing.
- Care shall be taken that wire lashing cables and flat wire lashing cables are not damaged by sharp edges of the load with which they are used. When lashing sharp objects, wire lashing cables and flat wire lashing cables have to be protected by edge protectors or a solid underlining. For wire lashing cables and flat wire lashing cables, sharp edges are defined as an edge with a radius smaller than the nominal diameter. Loads or vehicles shall not roll over wire lashing cables and flat wire lashing cables.
- Only legibly marked and labelled wire lashing cables and flat wire lashing cables shall be used.
- Wire lashing cables and flat wire lashing cables and their tensioning devices such as winches and hoists shall not be overloaded: Only the maximum hand force of 50daN shall be applied. Mechanical aids such as levers, bars etc. shall not be used, unless they are specially designed to be used with the tensioning devices.
- Wire lashing chains shall never be used when knotted.
- Wire lashing cables and flat wire lashing cables and the edges of the load shall be protected against abrasion and damage by the use of protective covers and/or edge protectors.
- Particular information on the individual type of wire lashing cable and flat wire lashing cable and their tensioning elements such as winches and hoists and their intended use shall be given. Wire lashing cables and flat wire lashing cables shall not be used as slings.
- Wire lashing cables shall not be bent near the ferrule or splice. The bending shall be at least 3 x the nominal cable diameter off the edge of the ferrule or the splice end.

Intended Use

Hand-powered cable puller to aid in pulling procedures and lashing. Suitable for non-commercial, light-to-medium duty use only.
Note: This product is not suitable for industrial use.

Unpacking Your Tool

- Carefully unpack and inspect your tool. Familiarise yourself with all its features and functions.
- Ensure that all parts of the tool are present and in good condition. If any parts are missing or damaged, have such parts replaced before attempting to use this tool.

Operation

WARNING: ALWAYS wear eye protection, as well as suitable cut-proof gloves, when working with this tool.

Attaching the cable puller

1. Attach the Cable Hook (7) onto the item to be pulled. Ensure the total load will not exceed 2 Tonnes (2000kg)
2. Check the item is securely attached and the Safety Bar (2) is closed
3. Slide the Ratchet Drive Spring (5) across to the disengaged position so that the handle does not engage the Ratchet Teeth (4)
4. Press the Ratchet Lock Lever (3) and unwind sufficient Cable (6) from the spool to attach the Fixed Hook (1) to the anchor position. Release the Ratchet Lock Lever. Ensure hooks are securely attached and the Safety Bar is closed (Fig. I)

Pulling

- Slide the Ratchet Drive Spring (5) across to the engaged position so that the Handle (8) engages the ratchet teeth
- Crank the Handle backwards and forwards to tension the cable and pull the load

Lashing

1. Attach the Cable Hook (7) to a sturdy, stationary mounting point, adjacent to the object being secured
 - Note:** When lashing, always ensure the anchor points are capable of supporting the weight of the load, as well as any external forces that are likely to have effect on the load. Only use mounting points specifically designed as an anchor for external loads.
 2. Slide the Ratchet Drive Spring (5) across to the disengaged position so that the handle does not engage the Ratchet Teeth (4)
 3. Loop the Cable (6) over the load, and connect the Fixed Hook (1) to a fixed mounting point on the opposite side of the load (Fig. II)
 4. Follow the instructions given under 'Pulling' to tighten the cable puller
- Note:** Secure the load on all axes to prevent any movement during use. Using two cable pullers is highly recommended if the load will be subject to multi-directional forces.

Releasing the tension

1. Slide the Ratchet Drive Spring (5) across to the disengaged position so that the handle does not engage the Ratchet Teeth (4)
 2. Carefully move the Handle (8) until the drive pawl pushes and disengages the stop pawl and clears the ratchet teeth. Then move the Handle in the opposite direction, to release the load by one notch
 3. Repeat this handle motion as often as required, to release the tension one notch at a time, until enough slack has been provided to remove the hooks
 4. Ensure the load is stable and secure before removing Fixed Hook (1) and Cable Hook (7)
- WARNING:** When releasing tension, avoid abrupt handle movements. Apply pressure to the handle evenly and with a smooth action. Abrupt movements can cause the load to shift, making it unstable

Accessories

- A range of accessories and consumables, including Safety Hard Hat, and Expert Rigger Gloves, is available from your Silverline stockist. Spare parts can be obtained from tools@spareonline.com

Maintenance

General inspection

- Regularly check that all the fixing screws are tight
- Keep the Cable Puller clean and in good order. Store with the cable fully wound on the spool
- Carry out a visual inspection every time the Cable Puller is used and listen for any unusual sounds during operation
- Store in a safe, secure and dry place out of the reach of children
- Never disassemble the Cable Puller
- Inspect the mechanism before every use

CE Declaration of Conformity

The undersigned: Mr Darrell Morris

as authorised by: Silverline Tools

Declares that

Identification code: 361253

Description: Cable Puller Heavy Duty

We confirm that the lashing steel wire ropes are conforms to EN 12195-4

Diameter of the lashing steel wire rope	..... Ø5mm X 3m (L)
Lashing Capacity (LC)	..... 10kN

Notified body: Ente Certificazione Macchine, Ningbo, China

The technical documentation is kept by: Silverline Tools

Date: 22/08/15

Signed:

Mr Darrell Morris
Managing Director

Name and address of the manufacturer:
Powerbox International Limited, Company No. 06897059.
Registered address: Boundary Way, Lufton Trading Estate, Yeovil,
Somerset BA22 8HZ, United Kingdom

