

# MATLOCK

## 1300Kg Ratchet Cable Puller

**Model CPR130 ORDER CODE MTL-941-2020K**

### INSTRUCTIONS &



### GENERAL INFORMATION

### Suitable for Pulling :—

**Trees & Roots, Fencing Wires, Vehicles, Machines,  
Boats, Trailers, Caravans, etc. – NOT Suitable for Lifting!**

#### Specifications:

Capacity - 1300Kg

Cable Diameter - 5mm

Leverage - 15 : 1

Cable Length - 3.6 metres

Pulling distance - 1.5 metres

Ratchet - Single

#### Safety Precautions

- Always inspect the puller for damage before use.
- Always keep tension on the cable when releasing from or winding onto the drum.
- Always know how much load you are pulling, **NEVER OVERLOAD!**
- Always use adequately tested accessories for the load you are pulling.
- Always make sure the work area is free and clear of any onlookers before starting the pull.
- Do not operate with the cable completely unwound from the drum, keep at least 3 full turns on the drum at all times.
- Do not pull the cable over or around a corner/edge.
- Do not wrap the cable around any object and hook it back onto itself
- Do not operate the puller with frayed, kinked or twisted cable
- Hand operate only, do not attempt to operate with a powered device.
- Never use a pipe to lengthen the lever to get additional leverage as this will bend or break the lever, damaging the tool.

## Identification

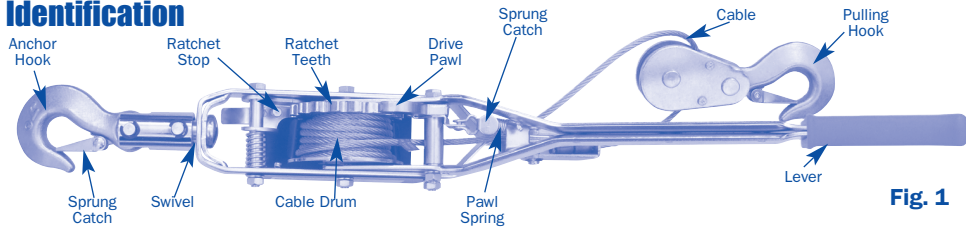


Fig. 1

## 1. Set the Anchor Point

- The anchor point must be strong enough to take the full load and be near enough to attach the cable puller to the load.
- If the anchor point is too far away from the load, a chain or cable of stronger capacity than the load must be used to connect to the cable puller.
- Attach the anchor hook to the anchor point making sure the sprung catch is closed.

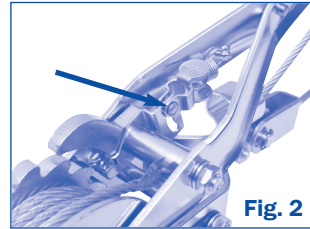


Fig. 2

## 2. Release the Cable from the Drum

- Free the drive pawl by sliding the pawl spring to the top position, shown in Fig. 2.
- Now, pull the cable whilst releasing the ratchet stop - See Fig. 3 (leave 3 turns of cable on the drum).

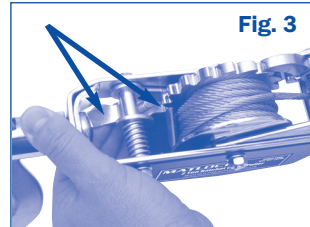


Fig. 3

## 3. Attach the Load

- With enough cable removed from the drum, re-engage the ratchet stop. - See Fig. 3.
- Attach the pulling hook to the load.

## 4. Apply Tension

- Move the pawl spring to the lower position to re-engage the drive pawl with the ratchet teeth as shown in Fig. 4.
- Pull the lever towards the anchor hook, the drive pawl will locate in the ratchet teeth and wind the cable back onto the drum.

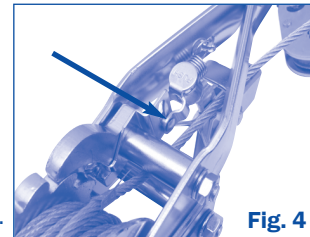


Fig. 4

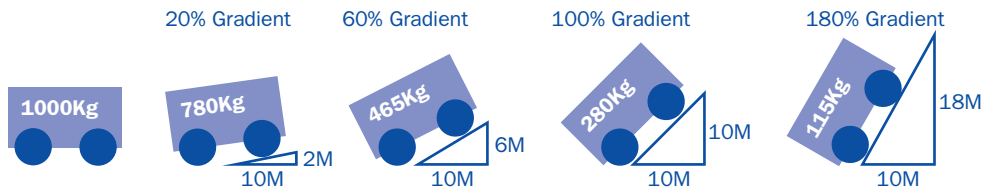
## 5. Release Tension

- When the load is in the required position, make secure to prevent return to starting position.
- Move the lever into the position shown in Fig. 1
- Release the tension by sliding the pawl spring to the top position, shown in Fig. 2.

## Limitations

The capacity of the puller is based on a load with free running wheels and does not allow for drag. Loads without wheels require significantly more power to move, as will loads pulled up a gradient.

The diagram below illustrates the reduced capacity when pulling up a gradient.



Do not exceed 180% gradient when pulling any load. **THIS PRODUCT IS NOT DESIGNED FOR LIFTING!**

**MATLOCK INDUSTRIAL PRODUCTS**  
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