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**IMPORTANT:**  
Read before  
using

**IMPORTANTE:**  
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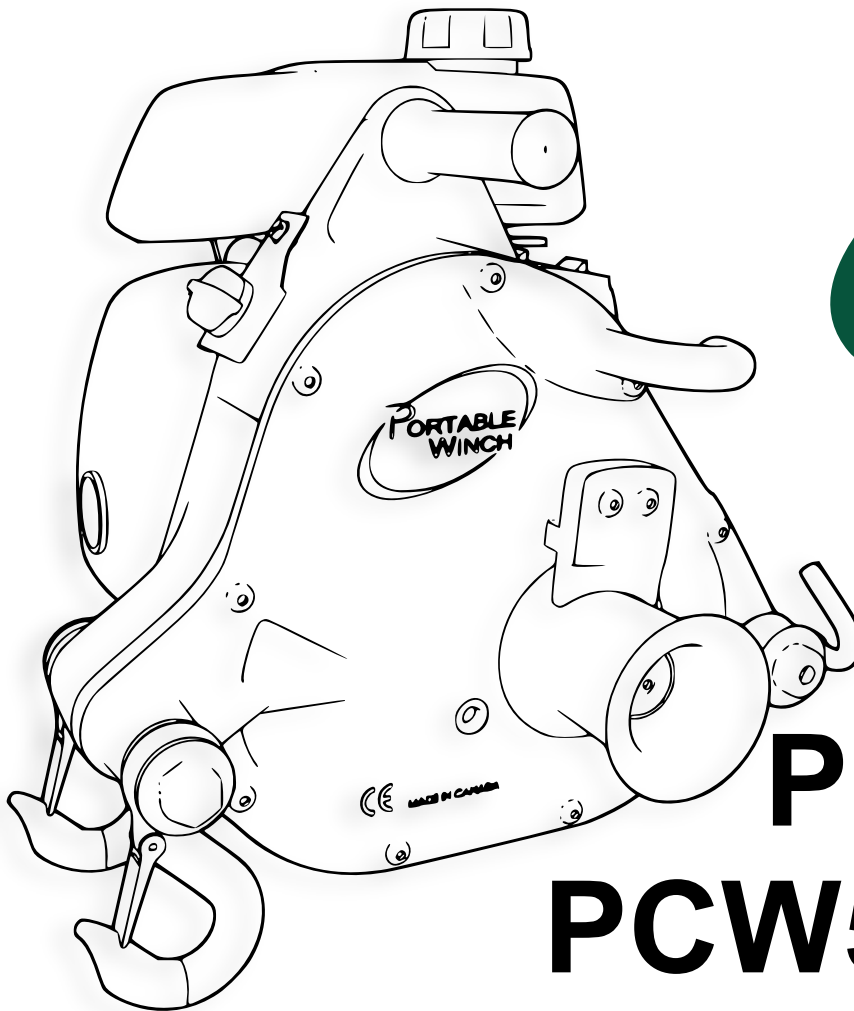
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# PCW5000 PCW5000-HS USER GUIDE



DE  
EN  
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FR  
IT  
NL  
NO  
SV

**Betriebs-/Sicherheitshinweise**

**Operating/safety Instructions**

**Instrucciones de operación / seguridad**

**Consignes de fonctionnement/sécurité**

**Istruzioni per l'uso e la sicurezza**

**Gebruiksaanwijzing / Veiligheidsvoorschriften**

**Bruksanvisning / sikkerhet**

**Bruksanvisning / säkerhet**

[www.portablewinch.info](http://www.portablewinch.info)

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**INTRODUCTION**

Portable Winch Co. thanks you for purchasing a *Portable Capstan Winch™*. This manual was written to help you make the best use of your new machine and to use it in the most secure way.

**PLEASE READ CAREFULLY BEFORE USE**

For any problems or questions please refer to an authorized Portable Winch Co. dealer or contact us directly.

**1 Safety guidelines**

*Portable Capstan Winches™* are designed to **pull non-rolling objects**, generally at angles of more or less 45 degrees relative to the horizontal. The use of a winch may present serious risks of injury, property damage or even death.

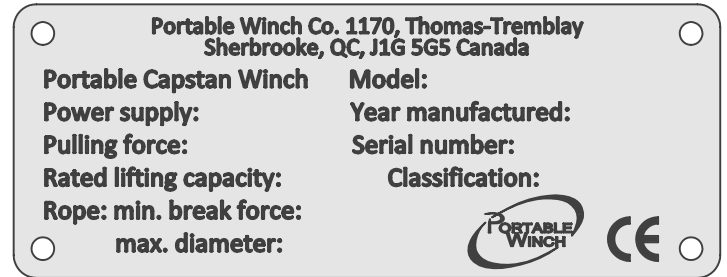
SYMBOL	MEANING
	YOU WILL BE MORTALLY OR SEVERELY INJURED IF YOU DO NOT FOLLOW THESE INSTRUCTIONS.
	YOU COULD BE MORTALLY OR INJURED IF YOU DO NOT FOLLOW THESE INSTRUCTIONS.
	YOU COULD BE INJURED IF YOU DO NOT FOLLOW THESE INSTRUCTIONS.
	READ THE USER GUIDE
	HEARING PROTECTION
	EYE PROTECTION
	WEAR GLOVES
	RISK OF HAND TRAPPING
	RISK OF HAND INJURY
	DO NOT USE FOR LIFTING

These safety messages are warning you of potential injuries to either yourself or others. Each safety message is preceded by a warning symbol.

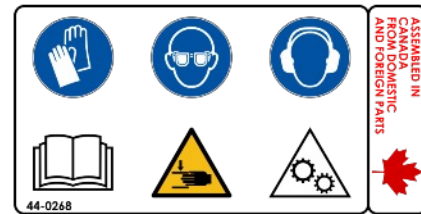
**1.2 Labels**

**1.2.1 Serial number labels**

The serial number label can be found on the right side of the machine's gearbox. In addition to the serial number, the fundamental specifications of your model are also found there.



**1.2.2 Multi icon label**



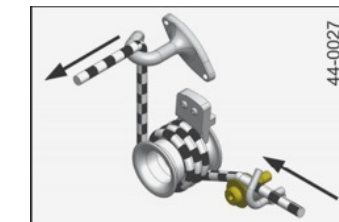
**44-0268:** This label is located on the winch housing. It contains the safety icons and should be cleaned or replaced if it becomes dirty, damaged or torn off.

**1.2.3 Label "DO NOT USE FOR LIFTING"**



**44-0269:** This label is located on the winch housing. It indicates that the winch is not intended for lifting operations.

**1.2.4 Line installation label**



**44-0027:** This label is placed on the winch's housing. It indicates the installation direction of the line for the winch.

**1.3 Safety information.**

**PRECAUTION** DO NOT ALLOW CHILDREN TO USE THE PORTABLE CAPSTAN WINCH™. KEEP CHILDREN AND ANIMALS OUTSIDE OF THE WORK ZONE.

**ATTENTION** NEVER ALLOW AN UNTRAINED PERSON TO USE THE PORTABLE CAPSTAN WINCH™. MAKE SURE THAT THIS PERSON IS AWARE OF THE SAFETY INSTRUCTIONS AND HAS READ THIS MANUAL AS WELL AS THE HONDA ENGINE USER MANUAL.

**ATTENTION** INFORM ALL USERS OF THE SAFETY AND USAGE INSTRUCTIONS.

**ATTENTION** FAMILIARISE YOURSELF WITH THE OPERATION OF THE PRODUCT AND THE SAFETY INSTRUCTIONS BEFORE YOU START TO WORK WITH THE PORTABLE CAPSTAN WINCH™.

**DO NOT UNDERESTIMATE THE POTENTIAL DANGERS**

**1.1 Safety messages.**

Your safety and the safety of others are very important. You will find important safety messages in this manual. **Please read them carefully.**

**ATTENTION** ENSURE THAT YOUR CLOTHING IS CLEAR FROM THE MOVING PARTS OF THE MACHINE.

**DANGER** THE ENGINE EXHAUST GASES CONTAIN POISONOUS CARBON MONOXIDE. NEVER RUN THE ENGINE IN A CLOSED BUILDING WITHOUT ADEQUATE VENTILATION.

**ATTENTION** CLEAN AND/OR REPLACE ALL SECURITY LABELS THAT ARE DIRTY, DETERIORATED, UNREADABLE OR TORN

**ATTENTION** ALWAYS KEEP ONLOOKERS OUTSIDE OF THE WORK ZONE.

**ATTENTION** WHEN WINCHING THEREFORE WHEN THE ROPE IS UNDER TENSION MAKE SURE NO ONE IS WITHIN 5 METERS OF THE LOAD OR ROPE.

**DANGER** NEVER PULL ROLLING MATERIAL THAT RISKS ROLLING OUT OF YOUR CONTROL.

**ATTENTION** THE PORTABLE CAPSTAN WINCH™ IS NOT DESIGNED TO LIFT LOADS OR PEOPLE.

**PRECAUTION** WE RECOMMEND THAT YOU WEAR HEARING PROTECTION DURING USE.

## 2 Checks before use.

### 2.1 On receiving

Inspect the box to detect any obvious damage. If a part is missing or damaged, notify the carrier immediately.

### 2.2 Is the engine ready?

#### 2.2.1 Oil the engine

Fill the Honda engine with SAE 10W-30 API SJ oil according to the quantities indicated for your model.

- PCW5000: 250 ml
- PCW5000-HS: 250 ml

Check the oil level on a horizontal surface. The oil level must reach the opening edge. For special uses and in extreme temperature conditions, consult the Honda engine manual.

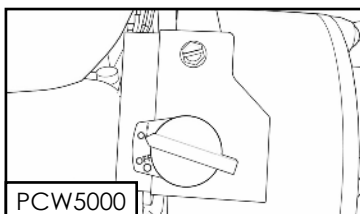
#### 2.2.2 Gasoline.

Fill the tank with **UNLEADED** gasoline. Never use a mixture of oil/gasoline, your *Portable Capstan Winch™* is equipped with a four-stroke engine. Consult the Honda engine manual. Do not over fill.

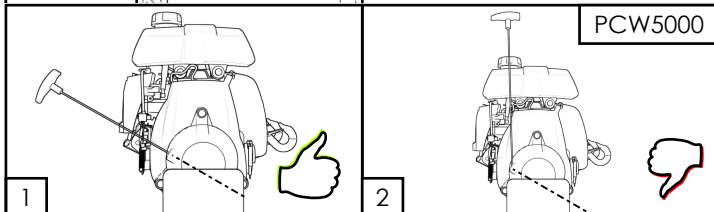
#### 2.2.3 Starting the engine

Consult the Honda engine manual for starting instructions.

**FIRST TIME USE: ALLOW THE ENGINE TO RUN IDLY FOR FIVE (5) MINUTES BEFORE PULLING A LOAD FOR THE FIRST TIME.**



Activate the engine's on/off switch. Then pull the starter grip in the output axis of the rope. If you do not pull at the correct angle, the friction of the rope on the plastic housing may damage the rope and/or the housing.



When the temperature is below -5°C (23°F), warm up the engine before applying a load.

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### 2.2.4 Capstan drums

Your *Portable Capstan Winch™* is equipped with the following drums.

- PCW5000 : Drum 57 mm in diameter.
- PCW5000-HS : Drum 85 mm in diameter.

### 2.2.5 Spark arrestors

In some areas, an engine may not be used without spark arrestors. Check local regulations.

**ATTENTION** THE PCW5000 AND PCW5000-HS MODELS ARE NOT EQUIPPED WITH SPARK ARRESTORS.

- AN OPTIONAL SPARK ARRESTOR IS AVAILABLE FROM PORTABLE WINCH CO. AND FROM APPROVED HONDA DEALERS.
- PART NO. FROM PORTABLE WINCH CO.: PCA-1151
- PART NO. FROM HONDA: 350-2M7-801

Consult the Honda engine manual for spark arrestor maintenance instructions.

## 3 Using the winch

**ATTENTION** MOST PULLING SITUATIONS PRESENT **POTENTIAL DANGERS!**

### 3.1 Rope

#### 3.1.1 Type of rope

Only use a line with **low elasticity**. We recommend a double braid polyester line.

Min., max. and recommended diameters:

- PCW5000 / PCW5000-HS:
  - Min.: 10 mm
  - Max.: 13 mm
  - Recommended: 12 mm

Contact us if you have any questions about rope types.

**ATTENTION** DO NOT USE A 3-STRAND YELLOW POLYPROPYLENE LINE!

- POLYPROPYLENE AND POLYETHYLENE LINES ARE DANGEROUS FOR PULLING DUE TO THEIR ELASTICITY AND THEIR LOW MELTING POINT.
- MAKE SURE THAT THE LINE IS NOT DAMAGED AND OFFERS ADEQUATE RESISTANCE FOR THE LOAD TO BE PULLED.

**ATTENTION** **STRETCHING = DANGER!**

- STRETCHING THE LINE MAY CAUSE SERIOUS INJURY. BE CAREFUL WHEN RELEASING THE TENSION IN THE LINE.
- ALL LINES STRETCH: INCREASED LENGTH: THE MORE THE LINE IS PULLED, THE MORE IT STRETCHES.
- STRETCHING THE LINE MAY CAUSE THE LOAD TO MOVE IN AN UNEXPECTED AND DANGEROUS MANNER.
- STRETCHING THE LINE MAY CAUSE IT TO RELAX AND MOVE BACKWARDS QUICKLY, PULLING YOUR HAND TOWARDS THE WINCH OR CAUSING SEVERE BURNS. NEVER WIND THE LINE AROUND YOUR HAND.

**PRECAUTION** ALWAYS WEAR GLOVES.

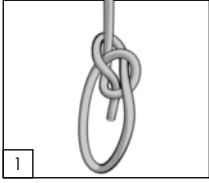
#### 3.1.2 Rope maintenance

**PRECAUTION** PERFORM A VISUAL INSPECTION OF THE LINE BEFORE EACH USE. IF IT SHOWS OBVIOUS SIGNS OF WEAR (STRANDS CUT, EXCESSIVE ABRASION) THEN CHANGE IT.

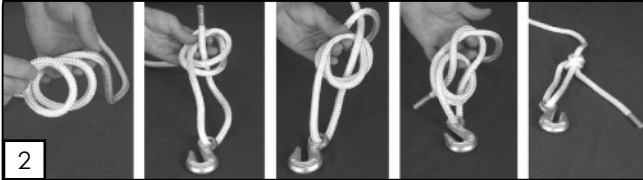
**PRECAUTION** IF YOUR LINE IS DIRTY, CLEAN IT. A DIRTY LINE CAN QUICKLY BECOME DAMAGED AND CAUSE PREMATURE WEAR OF PARTS WHICH COME INTO CONTACT WITH IT.

### 3.1.3 Recommended knots

You must attach the load to the end of the line. Although a simple knot may sometimes suffice, we recommend using a bowline knot (fig. 1). This knot holds approximately 70% of the line's capacity while most knots reduce the line's capacity by 50% or more. Additionally, it may be easy to untie even after pulling a heavy load.



Even better, a double bowline knot (fig. 2) allows you to maintain approx. 75% of the line's capacity.

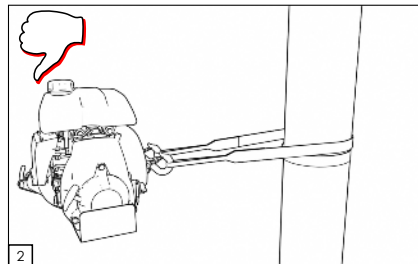
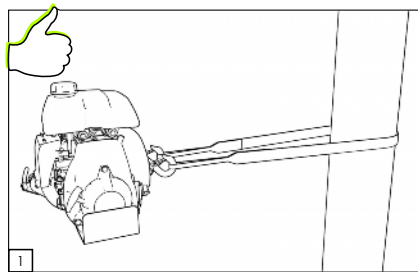


### 3.2 Anchoring the winch

**OPTION 1 :** In most cases, the winch is anchored to a fixed object using a polyester sling or one of our optional anchors and the line is attached to the object you are trying to move. The latter is moved towards the winch as the winch pulls the line.

**OPTION 2 :** Sometimes, the winch can be anchored to the object you want to move and the line is attached to a fixed object. The winch and the object being moved are then pulled towards the line's anchoring point. This method is useful when you guide the load while operating the winch. Your winch is supplied with a polyester sling. To anchor the winch, wind it around the anchoring point with the sling. Insert each end of the sling in each of the two safety hooks located on the back of the winch (fig. 1).

Place the winch in the direction of the load to be pulled. When the winch is switched on, it will attempt to align itself with the load. The friction of the sling against the anchor may prevent correct alignment; in this case, release the tension in the line and move the sling so that the tension is distributed over the two hooks equally.



**PRECAUTION** **WHAT NOT TO DO:** WHEN YOU INSTALL THE SLING TO ANCHOR THE WINCH, AVOID A FULL TURN AROUND AN ANCHORING POINT (FIG. 2). THIS WILL PREVENT THE WINCH FROM ALIGNING ITSELF WITH THE LOAD CORRECTLY. THIS WILL ALSO APPLY UNEVEN TENSION TO EACH OF THE HOOKS.

**PRECAUTION** AVOID INSTALLING THE SLING ON SHARP CORNERS WHICH ARE LIKELY TO DAMAGE THE POLYESTER SLING. WHEN YOU USE A POLE, A TREE OR A STUMP AS AN ANCHORING POINT, INSTALL THE SLING CLOSE TO THE BASE.

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**PRECAUTION** ANCHORING AROUND A STUMP REQUIRES SPECIAL ATTENTION TO AVOID THE SLING SLIPPING OFF THE TOP OF THE STUMP.

**ATTENTION** ENSURE THAT THE ANCHORING POINT IS ABLE TO WITHSTAND THE WINCHING WITHOUT BREAKING, BEING EXTRACTED OR BECOMING DAMAGED.

We also offer a wide range of anchoring accessories for our capstan winches. Visit [www.portablewinch.info](http://www.portablewinch.info)

### 3.3 Oil level

The Honda GXH-50 engine is fitted with an *Oil Alert™* system that automatically shuts off the ignition when the oil level in the crankcase falls below a safe level.

The *Oil Alert™* system also stops the engine when the engine's operating angle exceeds 20 degrees ( $\pm 4$  degrees). Make sure that your installation keeps the winch relatively horizontal during pulling and when idling.

If the oil level exceeds the maximum level, there could be an excessive amount of contaminants such as unburned fuel and condensed water vapor. Drain and change the oil.

### 3.4 Installing the rope

**ATTENTION** THE CORRECT DIRECTION WHEN DEPLOYING THE LINE IS THE KEY TO THE SAFE USE OF THE WINCH.

The wide range of situations encountered during pulling prevents us from giving specific instructions for all situations; however, you should consider the following points:

#### 3.4.1 Rope

Use a line with a low elasticity in good condition with a minimum diameter of 10 mm and a maximum diameter of 13 mm with good knots. We highly recommend the bowline knot (see section 3.1.3). Use pulleys to divert the line and increase the pulling power when the load approaches or exceeds the winch's pulling capacity.

#### 3.4.2 Pulley

The use of a pulley at a short-distance from the winch offers several benefits:

- Provides an angle allowing the load to be slightly raised to reduce friction;
- Maintains the winch in near horizontal position;
- Keeps the winch and the operator away from the load's trajectory.

#### 3.4.3 Direction

Install the line so that it doesn't rub against any objects during pulling. Try to install the line so that the front of the load is slightly raised. Never pull downwards or through obstacles.

**ATTENTION** IN GENERAL, IF THE LINE TOUCHES THE GROUND DURING PULLING THEN THE SETUP IS INCORRECT.

#### 3.4.4 On a slope

**ATTENTION** DO NOT PULL A LOAD DOWN A SLOPE TOWARDS THE WINCH BECAUSE THE LOAD MAY SLIDE TOWARDS YOU BEFORE YOU CAN STOP IT. IN THIS CASE, USE A PULLEY AT THE BOTTOM OF THE SLOPE AND POSITION THE WINCH FURTHER BACK AWAY FROM THE AXIS OF THE LOAD.

### 3.5 Pulling a load

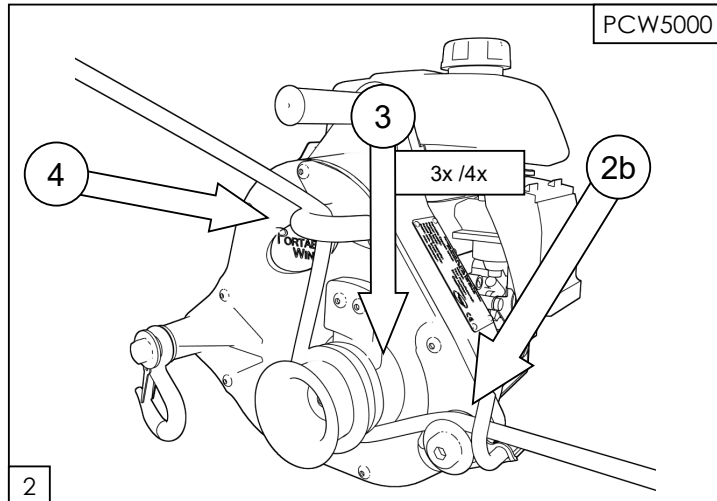
**ATTENTION** CHECK THE POSITION OF THE WINCH, THE STATE OF THE LINE, THE STRENGTH OF THE ANCHORING POINT, KNOTS, HOOKS AND/OR SHACKLES TO AVOID INJURIES AND MATERIAL DAMAGE.



### 3.5.1 Winding the line around the capstan drum

**ATTENTION** NEVER PLACE YOUR HANDS CLOSE TO THE LINE GUIDE, CAPSTAN DRUM AND GUIDE PULLEY WHEN THE ENGINE IS RUNNING.

1. Start the engine and allow it to run idly for 30 seconds to warm up;
2. Thread the rope thru the hook, over the pulley and then under the drum;



3. Wrap the line around the drum (3 or 4 turns);
4. Take the line behind the exit hook;
5. Keep your distance from the winch (approx. 1 m) and pull slowly and horizontally on the line until the line's slack is taken up and you feel tension in the line;
6. Inspect your installation to make sure that the anchoring of the winch and the entry hook are aligned with the line;
7. Check that the line is not rubbing against objects in its path;
8. Increase the engine speed and pull on the line to start moving the load.

### 3.5.2 Pulling

When pulling, position yourself so that you can see the winch and the load. Pull on the line **HORIZONTALLY**. The tension you exert on the line keeps the winch level.

**DANGER** DO NOT WRAP THE LINE AROUND YOUR HANDS OR YOUR BODY! ALSO, BEWARE OF BUILT-UP TENSION CLOSE TO YOU AND MAKE SURE THAT YOU ARE A SAFE DISTANCE FROM THIS ACCUMULATION.

**ATTENTION** KEEP AN EYE ON THE CAPSTAN DRUM DURING OPERATION AND MAKE SURE THAT THE LINE DOES NOT CROSS THE LATTER. IF THIS OCCURS, RELEASE THE TENSION IN THE LINE, STOP THE ENGINE AND REMOVE THE KINK.

#### 3.5.2.1 If the line slips

If the line slips on the drum while you are pulling, add a turn of line around the drum (4th turn). The engine will stall when the winch reaches its maximum capacity. You should then review the installation (add pulleys) or "cradle" the load (see next section).

#### 3.5.2.2 To "cradle" the load

Pull until the engine nearly stalls and release the tension in the line. Then return the tension to the line and repeat as required.

**PRECAUTION** BE CAREFUL WHEN USING THE LOAD "CRADLING" METHOD. THIS METHOD MAY CAUSE RAPID WEAR TO THE LINE DUE TO THE HEAT CREATED ON THE DRUM.

**ATTENTION** IF THE WINCH PULLS THE LINE AND THE LOAD DOESN'T MOVE (OFTEN WHEN A VERY LONG LINE IS BEING USED), THE LINE STRETCHES AND THE BREAKING POINT MAY BE REACHED CAUSING IT TO SUDDENLY COME BACK ON TO YOU. **SLOWLY RELEASE** THE TENSION IN THE LINE BUT BEWARE OF THE BUILT-UP TENSION: THE LINE MAY QUICKLY GET AWAY FROM YOU CAUSING BURNS OR TAKING YOU TOWARDS THE WINCH.

#### 3.5.2.3 Taking a break during pulling

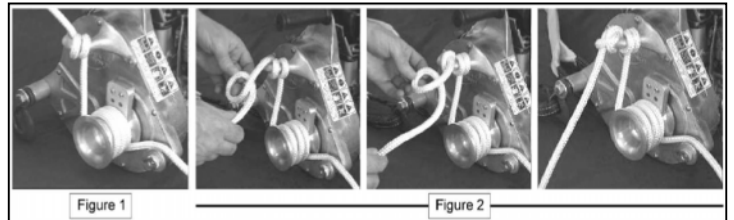
**SLOWLY** release the tension in the line and allow it to slide over the drum.

**PRECAUTION** NEVER ALLOW THE LINE TO SLIDE ON THE DRUM FOR MORE THAN A FEW SECONDS WHEN LOADED - THE HEAT GENERATED BY THE FRICTION MAY MELT OR DAMAGE THE LINE.

#### 3.5.2.4 To maintain a load without releasing the tension

You must maintain the tension at the end of the line by holding it or attaching it to a fixed object.

1. Turn off the engine;
2. Complete two turns of line around the exit hook before removing the tension from your hands (Fig. 1 below);
3. Then do two half-knots around the exit hook (Fig. 2 below).

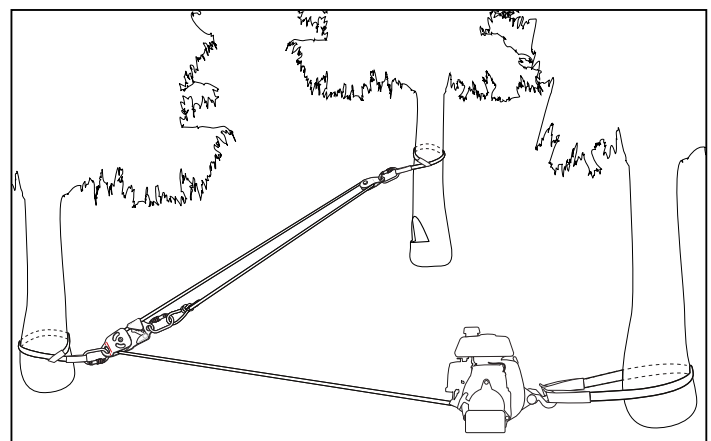


#### 3.5.2.5 To recommence pulling

Release some of the tension before restarting the winch's engine. Firstly, undo the two half-knots. Allow the line to move slowly to release the tension. Then, whilst holding the line in one hand, restart the engine while pulling on the starter and increase the engine speed. You can recommence pulling.

#### 3.5.2.6 If it is essential to keep the tension in the line at startup

You can use a blocker or a Prusik knot connected to your anchoring point to maintain the tension in the line. You can also use a self-locking pulley PCA-1271 or PCA-1272. They are particularly

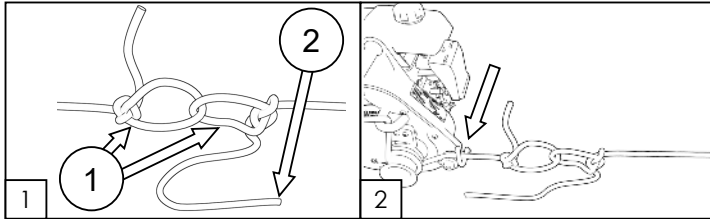


useful for pulling rolling objects and for directional felling.

## If the rope is too short

If your line is too short, connect two lines together:

1. Fig. 1-1: Use 2 bowline knots to link your two lines together.
2. Fig. 1-2: Allow approx. 1 m (3') of line to exceed the knot of the line pulling the load. This length of line will be used for pulling when the knot is undone.
3. Fig. 2: Stop the winch before the knots reach the winch; they will not be able to pass through and the line will become tangled.
4. Release the tension in the line. Attach the load to a fixed point if necessary.
5. Untie the line's knot and use the remaining length to wind it around the drum and restart the winch again.



### 3.5.2.7 Stopping the winch

1. Gradually release the tension to gradually lower the winch towards the ground;
2. Lower the throttle lever to idle position;
3. Set the on/off switch to the OFF position;
4. Do not touch the capstan drum after use. It may be hot and burn your skin.

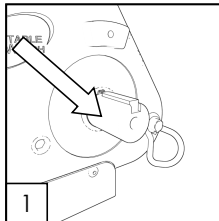
## 4 Maintenance

### 4.1 Cleaning

When your work is complete, clean and dry the winch.

**PRECAUTION** DURING CLEANING, CHECK THE WINCH, THE HOOKS, THE LINE AND THE POLYESTER SLING FOR ANY DAMAGE OR SIGNS OF WEAR

Regularly remove the capstan drum and clean around the shaft. Any accumulated debris may damage the seal. Brush the shaft with a little oil to avoid corrosion.

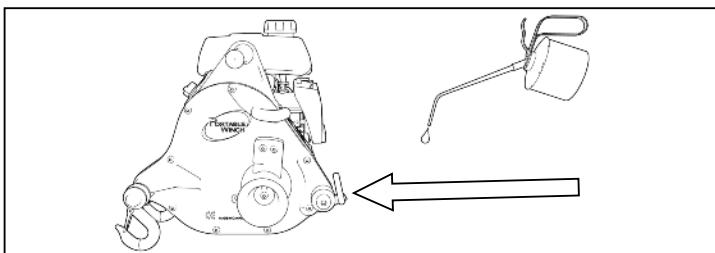


### 4.2 Lubrification

The gearbox is lubricated in the factory and thus should not require lubrication or maintenance. If oil losses become apparent, check the oil level by placing the winch on a level surface and unscrew the cap. Use an 8 mm hexagonal key.

When tipping the winch forwards, a little oil may escape through the hole. If required, you can add SAE80W90EP gear oil.

The entry guide pulley must turn freely. Lubricate it regularly using a light oil, otherwise there is a risk of premature wear due to dirt between the axis and the pulley. If necessary, remove it to get rid of any dirt. Use an 8 mm hexagonal key.



## 4.3 Honda engine

Maintain the engine according to the instructions provided in the Honda engine user manual.

### 4.4 Storage

Always store your *Portable Capstan Winch™* on its base. Please consult the Honda engine user manual for storage instructions.

### 4.5 Spark arrestors

If your winch is equipped with the optional spark arrestor (PCA-1151), you should clean it every one hundred (100) operating hours to ensure that it works properly. Consult the Honda engine manual for the cleaning procedure.

## 5 Additional information

### 5.1 Accessories

A full range of accessories are available. Visit [www.portablewinch.info](http://www.portablewinch.info).

### 5.2 Warranty

The Portable Winch Co. winch and accessories are guaranteed against all manufacturing defects when owned by the "original owner" as defined here below.

The "original owner" is defined as the person or entity that purchased the winch or accessories from an authorized Portable Winch Co. dealer as shown by the original invoice. The warranty is transferable if the new buyer holds a copy of the original invoice. This warranty does not apply to items sold "as is". The warranty does not apply to the wear parts defined as those coming into contact with the line during pulling.

Portable capstan winches PCW5000 and PCW5000-HS are covered as follows :

- Commercial use: 1 year
- Private use: 5 years

Serviced by Portable Winch Co. or its retailers.

Engine :

The Honda engine is guaranteed by Honda Motor Corporation, and the warranty period may vary from one country to another.

All Honda service centres may make warranty repairs, if necessary. Please keep your proof of purchase (original invoice including the serial number of the winch). It will be used to establish the start date of the warranty period.

Portable Winch Co. will replace or repair, at its discretion, any faulty products. All other Portable Winch Co. accessories are covered by a one-year (1) warranty with the exception of the lines which are covered by a 3-month warranty. If you have any questions, please consult the warranty policy at [www.portablewinch.info](http://www.portablewinch.info)

### Extend your warranty for free

We want to thank you for your purchase. To do this, we are offering you AN ADDITIONAL ONE-YEAR (1) WARRANTY FOR FREE! It's simple, just register your winch at [www.portablewinch.info](http://www.portablewinch.info) or over the phone at 1 888 388-7855 or +1 819 563-2193.

### 5.3 Troubleshooting

In case of problems, visit the *Troubleshooting section* at [www.portablewinch.info](http://www.portablewinch.info) in the Manuals and instructions section.

### 5.4 Exploded-views

To access the exploded view of your winch, visit the *Spare Parts section* at [www.portablewinch.info](http://www.portablewinch.info) or see the end of the manual.

## 5.5 Technical data

SPECIFICATIONS	<b>PCW5000</b>	
ENGINE	HONDA GXH-50 4-STROKE ENGINE	
DRUM DIMENSIONS	SERIAL	OPTIONAL
	Ø 57 mm	Ø 85 mm
MAXIMUM PULLING FORCE (SINGLE LINE)	1000 kg	700 kg
SPEED	12 m / min	18 m / min
GEARBOX	HARDENED STEEL GEARS/OIL LUBRICATION	
WEIGHT (DRY)	16 kg	
DIMENSIONS (OVERALL)	37,1 cm x 36,6 cm x 36,6 cm	
ROPE	DOUBLE BRAID POLYESTER WITH LOW ELASTICITY (NOT INCLUDED)	
LENGTH	UNLIMITED	
MINIMUM DIAMETER	10 mm	
MAXIMUM DIAMETER	13 mm	
RECOMMENDED DIAMETER	12 mm	
Guaranteed sound power level – LWA dB(A)	105 dB(A)	
Uncertainty factor KwA dB(A)	2.5 dB(A)	
Measured sound pressure level – LpA dB(A)	85 dB(A)	

SPECIFICATIONS	<b>PCW5000-HS</b>	
ENGINE	HONDA GXH-50 4-STROKE ENGINE	
DRUM DIMENSIONS	SERIAL	OPTIONAL
	Ø 85 mm	Ø 57 mm
MAXIMUM PULLING FORCE (SINGLE LINE)	350 kg	500 kg
SPEED	36 m / min	24 m / min
GEARBOX	HARDENED STEEL GEARS/OIL LUBRICATION	
WEIGHT (DRY)	16 kg	
DIMENSIONS (OVERALL)	37,1 cm x 36,6 cm x 36,6 cm	
ROPE	DOUBLE BRAID POLYESTER WITH LOW ELASTICITY (NOT INCLUDED)	
LENGTH	UNLIMITED	
MINIMUM DIAMETER	10 mm	
MAXIMUM DIAMETER	13 mm	
RECOMMENDED DIAMETER	12 mm	
Guaranteed sound power level – LWA dB(A)	105 dB(A)	
Uncertainty factor KwA dB(A)	2.5 dB(A)	
Measured sound pressure level – LpA dB(A)	85 dB(A)	

## 5.6 Manufacturer

EN

The *Portable Capstan Winches*™ are manufactured by: :

Portable Winch Co.  
 1170, rue Thomas-Tremblay  
 Sherbrooke, Québec, J1G 5G5  
 CANADA  
 Telephone : +1 819 563-2193  
 Freephone (CAN & USA): 1-888-388-7855  
 Fax : + 1 514 227-5196  
 E-mail : [info@portablewinch.com](mailto:info@portablewinch.com)  
 Website: [www.portablewinch.info](http://www.portablewinch.info)

**FRENCH IS THE ORIGINAL LANGUAGE OF THIS DOCUMENT**



**DECLARATION OF CONFORMITY**

We are located at:

**PORTABLE WINCH CO.**  
1170, rue Thomas-Tremblay  
Sherbrooke, QC J1G 5G5  
CANADA  
Tel: +1 819 563-2193  
[www.portablewinch.com](http://www.portablewinch.com)

Declare, under our sole responsibility, that  
the product :

**Portables Capstan Winches**  
Models PCW5000 and PCW5000-HS

Designed for this use:

Pulling non-rolling objects at angles of +45° on a  
horizontal surface.

In compliance with the "Machines" directive 2006/42/EC as well as the following directives:

- 2004/30/UE Electromagnetic Compatibility Directive.
- 2000/14/CE Directive on Environmental Noise Emissions.

M. Gerold Vonblon,  
Landstrasse 28, A-6714 Nuziders  
is authorized to compile the technical file.

Signed by:



Name: Pierre Roy  
Position: Managing Director

In Sherbrooke, QC, Canada  
Friday, 30th July 2021.



7.0 UKCA Declaration of conformity



## Declaration of Conformity

In accordance with UK Government Guidance

1. Product Model / Type:
- a. Product: Portable Capstan Winches
  - b. Model: PCW3000, PCW4000, PCW5000, PCW5000-HS
  - c. Batch/Serial: 30210001 and up, 60210001 and up, 10210001 and up, 11210001 and up
  - d. Specifications: Designed for pulling objects at angles  $\pm 45^\circ$  angle from horizontal plane

2. Manufacturer:
- a. Name: Portable Winch Co.
  - b. Address: 1170 Thomas-Tremblay St., Sherbrooke, QC CANADA J1G 5G5

3. This declaration is issued under the sole responsibility of the product manufacturer.

4. The object of the declaration described above is in conformity with the relevant UK Statutory Instruments and their amendments:

2008 No 1597	The supply of Machinery (Safety) Regulations 2008
2016 No 1091	The Electromagnetic Compatibility Regulations 2016
2001 No 1701	Noise Emission in the Environment by Equipment for use Outdoors Regulation 2001

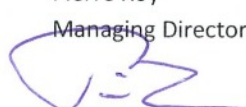
5. We hereby declare that the product described above, to which this declaration of conformity refers to, is in conformity with the essential requirements of the following standards:

Reference & Date	Title
EN 14492-1: 2006	Power Driven Winches
EN ISO 12100: 2010	Safety of Machinery - General principles for design- Risk assessment and risk reduction
ISO 19472:2006	Machinery for forestry- Winches- Dimensions, performance & safety

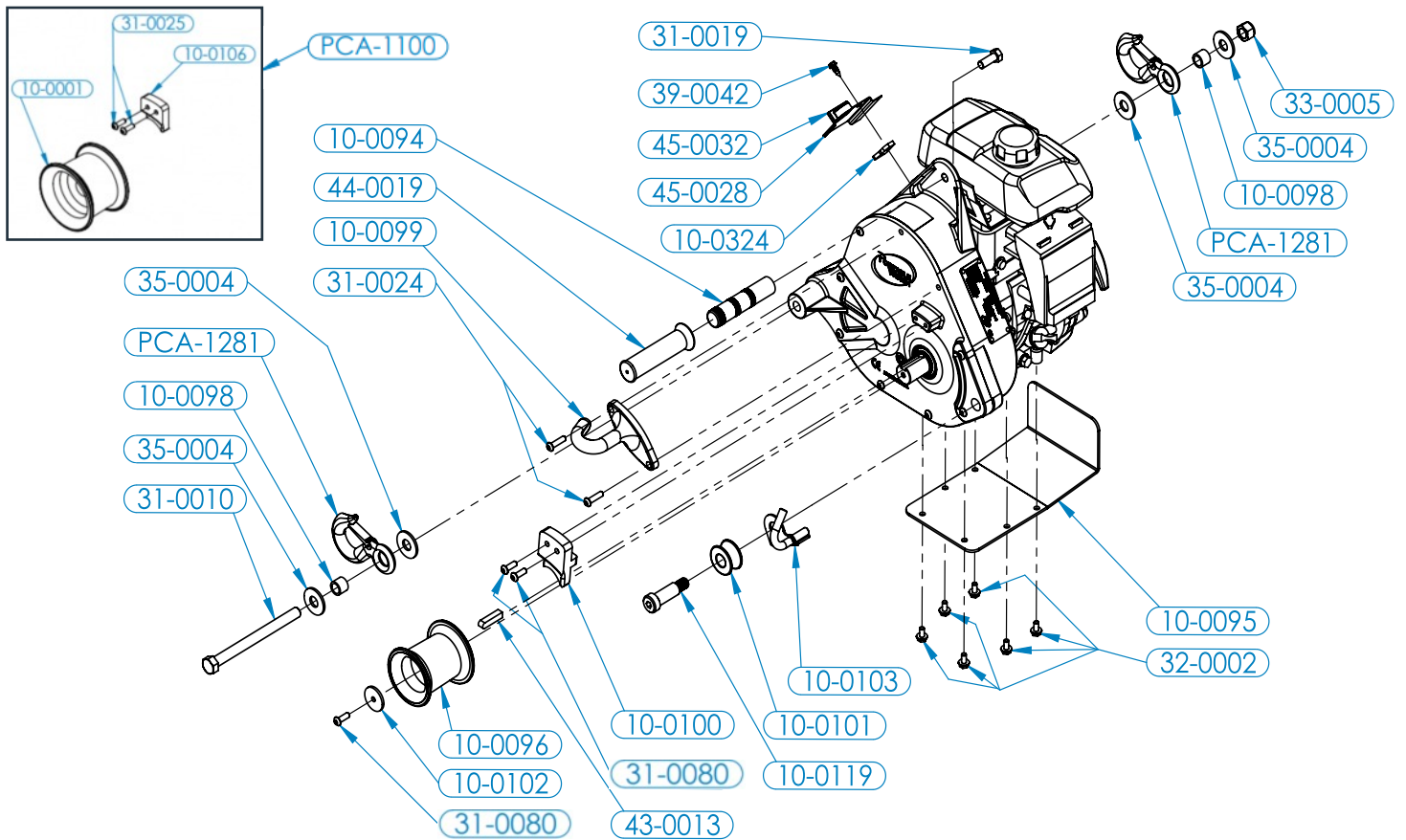
6. Additional Information:

The technical documentation for the machinery is available in the UK from:

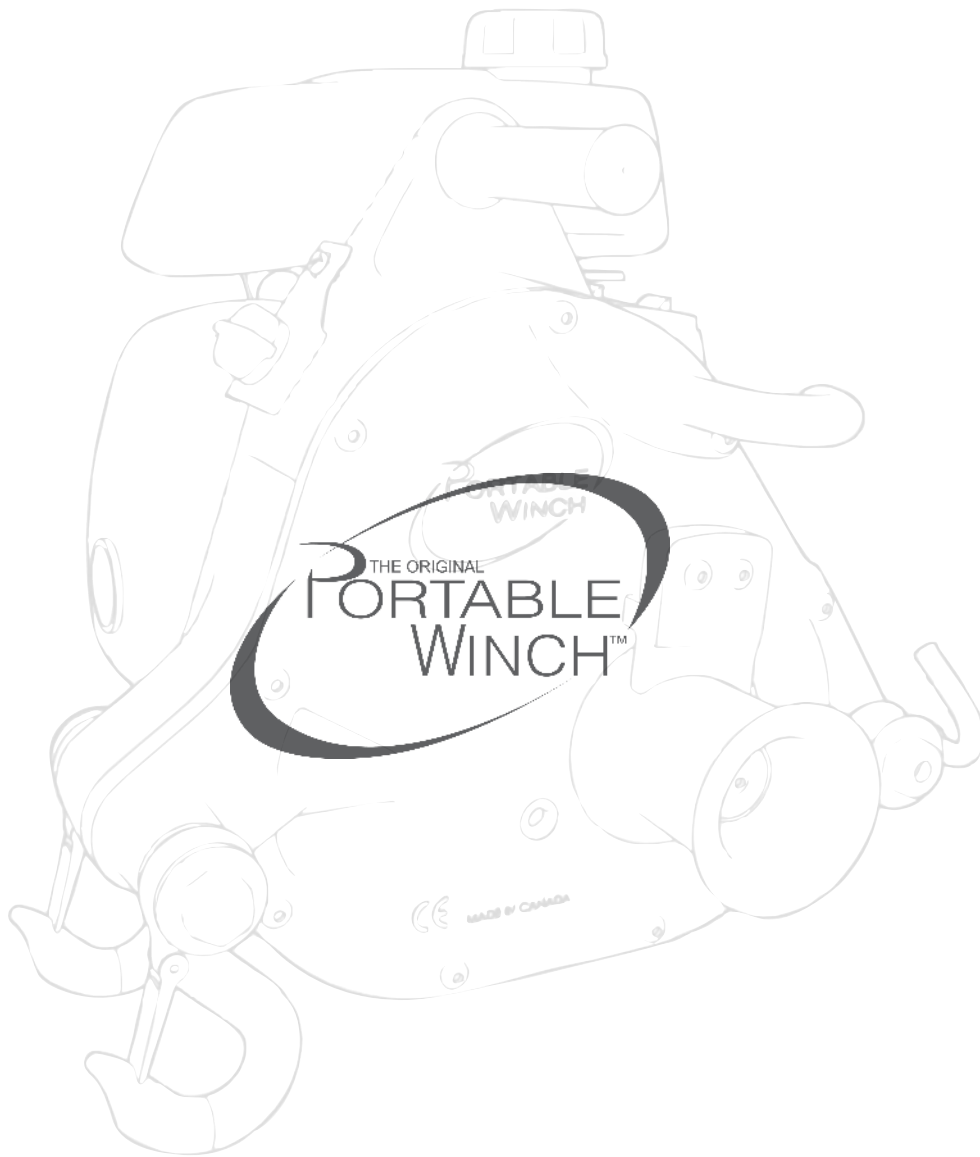
Company: Fletcher Stewart (Stockport) Limited  
Address: Newby Rd Ind Est., Stockport, Cheshire, UK SK7 5DA  
Contact: [www.fletcherstewart.co.uk](http://www.fletcherstewart.co.uk)

Signed for & on behalf of: Portable Winch Co.  
Place of issue: Sherbrooke, QC, Canada  
Date of Issue: 2021-07-22  
Name: Pierre Roy  
Function: Managing Director  
Signature: 

# EXPLODED VIEW



PART NUMBER	DESCRIPTION	QTY
10-0001	CAPSTAN DRUM	1
10-0094	WINCH HANDLE	1
10-0095	GUARD PLATE	1
10-0096	CAPSTAN DRUM 57mm	1
10-0098	BUSHING FOR SAFETY HOOK	2
10-0099	ALUMINIUM ROPE EXIT HOOK	1
10-0100	ROPE GUIDE FOR CAPSTAN DRUM 57mm	1
10-0101	ROPE ENTRY PULLEY	1
10-0102	RETAINING WASHER (1/4 X 1-1/4OD) - ZN	1
10-0103	ROPE KEEPER	1
10-0106	ROPE GUIDE FOR CAPSTAN DRUM 87mm	1
10-0119	SHOULDER BOLT 5/8 X 1-1/2 - ZN	1
10-0324	HONDA SWITCH MOUNT SPACER	1
31-0010	HCS 1/2-13 X 6 - GR5 - ZN	1
31-0019	HCS 3/8-24 X 1 - GR5 - ZN	1
31-0024	BHCS 1/4-20 X 1 - SS	2
31-0025	BHCS 1/4-20 X 3/4 - SS	2
31-0080	SHCS 1/4-20 X 3/4 - SS	3
32-0002	FLANGED BOLT SERRATED M6-1 X 12 - ZN	6
33-0005	NUT 1/2-13 NYLON - ZN	1
35-0004	FLAT WASHER 1/2 - ZN	4
39-0042	TAPPING SCREW - TYPE AB - #10x5/8	1
43-0013	KEY FOR CAPSTAN DRUM 57mm & 85mm	1
44-0019	VINYL GRIP	1
45-0028	ON/OFF SWITCH SUPPORT PLATE	1
45-0032	ON/OFF SWITCH	1
PCA-1100	OPTIONAL 85mm CAPSTAN DRUM, ROPE GUIDE AND SCREWS	1
PCA-1281	SAFETY HOOK WLL: 3/4 TON	2



[www.portablewinch.info](http://www.portablewinch.info)

[info@portablewinch.com](mailto:info@portablewinch.com)

1 888 388-7855 / +1 819 563-2193