

# PORTABLE WINCHES AND ACCESSORIES



**2021  
CATALOGUE**



**TRUE  
POWER  
IN YOUR  
HANDS**

POWERED by  
**HONDA**







# **EDITION** **2021**

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## **12 PORTABLE CAPSTAN WINCHES**

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PCW3000  
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PCW5000

INDUSTRIAL Series  
Comparative Guide  
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## **36 WINCH KITS**

Forestry  
Hunting  
Off-Road  
Garden-Cottage

## **62 LINE OF ACCESSORIES**

Polyester Ropes  
Rope Bags  
Carrying Equipment  
Stainless Steel Pulleys  
Specialized Pulleys  
Carabiners  
Hooks  
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Capstan Drums  
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## **96 USEFUL INFORMATION**

Deviation and Mechanical Advantages  
Creating a Mechanical Advantage  
Directional Felling  
Safety Factors  
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WATCH OUR VIDEOS ON  
[YOUTUBE.COM/PORTABLEWINCH](https://www.youtube.com/portablewinch)

CONSULT  
[WWW.PORTABLEWINCH.INFO](http://WWW.PORTABLEWINCH.INFO)  
FOR ADDITIONAL  
INFORMATION

YOU WILL FIND INFORMATIONAL  
DOCUMENTS, INSTRUCTIONS, USER'S  
GUIDE AND MUCH MORE.



A photograph of two men standing in a forest, both giving a thumbs-up gesture. The man on the left is wearing a dark grey zip-up sweater and dark trousers. The man on the right is wearing a red button-down shirt under a dark blazer and dark trousers. They are both smiling. The background shows tall evergreen trees and a path.

## ***A FEW WORDS FROM MANAGEMENT***

*Dear customers,*

The entire Portable Winch Co. team would like to thank you for your trust.

We are proud to count you among our valued customers and want you to know that we are working day after day, to continue to make Portable Winch Co. the world leader in designing, manufacturing and distributing of portable capstan winches.

Over the years, we have worked to build a network of more than 900 retailers around the world and to develop innovative, high-quality products that meet your needs.

You will therefore find, in this product catalogue, the result of all these years of work. This reference tool allows you to easily find relevant information on the products offered to you.

All our expertise is concentrated there.

Please note that the entire team at the Sherbrooke, Quebec, Canada head office and all the distributors are there to support you, so don't hesitate to contact us if you have any questions or comments.

*We wish you a lot of success!*



Pierre Roy

Chief Executive Officer



Christian Pelletier

Vice-President



# ***PRESENTATION***

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## ***OUR PURPOSE***

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### **PORTABLE WINCH CO.**

To offer simple and innovative products to accomplish laborious tasks.

Our wide range of products is used worldwide in applications as diverse as: forestry, hunting, off-road hiking, working around the garden, cottage, home, construction, telecommunications and many others!

We have become the WORLD LEADER by designing winches with exclusive technologies and features that allow a high degree of autonomy in complete safety. They are therefore portable, compact, simple and easy to use!

## ***OUR VALUES***

---

### **Listening**

We take pride in our ability to listen to our employees, customers, partners, suppliers, industry experts, and the world.  
In short, we are attentive to new trends.

### **Competence**

As experts in our field, we strive to improve every day so we can offer original products that meet the real needs of our markets, while still offering fair prices!

### **Fun**

The friendly attitude of Portable Winch Co. is contagious. Motivated and surprising, the company carefully chooses its partners, suppliers, customers, and employees. A friendly relationship is essential to us!





FOUNDED IN 2003



AN INNOVATIVE  
CORPORATE CULTURE



PROFESSIONAL QUALITY PRODUCTS,  
PROUDLY MANUFACTURED IN NORTH AMERICA



SOLD IN OVER  
50 COUNTRIES



AUTHORIZED DEALERS

***A BIT***

2008  
NEW BUILDING  
CONSTRUCTION

**2003**



**PCW5000**



POWERED by  
**HONDA**

**2009**



**PCH1000  
PCT1800**



**2011**



**PCW5000-HS**



POWERED by  
**HONDA**

**2012**



**PCW3000**



POWERED by  
**HONDA**





**COMMITTED EMPLOYEES**



**TENS OF THOUSANDS  
OF WINCHES SOLD**



**8 MODELS OF WINCHES  
HAVE BEEN DEVELOPED SO FAR**



**MORE THAN 50 ACCESSORIES  
AVAILABLE**

## OF HISTORY

**2013  
FACILITY  
EXPANSION**

**2014**



**600MH**



POWERED by  
**HONDA.**

**2017  
ASSEMBLY LINE  
MODERNIZATION**

**2016**



**PCH2000**



POWERED by  
**HONDA.**

**2019  
2ND FACILITY  
EXPANSION**

**2018**



**PCW3000-Li  
600MH-Li**



**80/82 VOLT<sup>®</sup>**  
82V MAX

**2020**



**PCW4000**



POWERED by  
**HONDA.**





# USERS



## **Woodlot owner**

- Pull logs on the ground
- Do directional felling
- Collect firewood



## **Hunter**

- Take out big game
- Maintain hunting ground
- Build a watchtower/hunting camp



## **Motor sport enthusiast**

- Remove a vehicle from an unfortunate situation
- Load equipment on a trailer

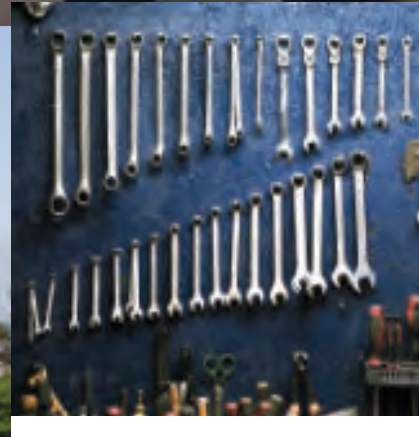


## **Farmer and Rancher**

- Install fencing
- Remove dead animals from a building and load them into a trailer
- Load equipment into a trailer
- Work on the property
- Remove a vehicle from an unfortunate situation



## PROFILES



### ***owner of a second home***

- Perform small works around the house
- Do directional felling
- Collect firewood
- Pull out a boat or dock



### ***Professional Logger / Arborist***

- Do directional felling
- Prune trees
- Pull logs and branches to the truck and/or shredder



### ***Industrial sector***

- Telecommunication infrastructures
- Public service infrastructures, pylons and transmission lines
- Pulling cables and optical-fiber cables
- Research, adventure and exploration
- Marine applications
- Construction and work at height



### ***And more!***

- There are no limits to what can be accomplished with a portable capstan winch!



## CONTACT US

## PRESENTATION



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**WWW.PORTABLEWINCH.INFO**











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**HONDA**



## ***PORTABLE CAPSTAN WINCHES***

Born from an unwavering determination to offer simple tools to perform laborious tasks, Portable Winch winches are dedicated to meeting the diverse needs of our private and industrial customers.

Whether you choose a gas, electric or battery-powered winch, portable capstan winches from Portable Winch Co. will ensure you performance, quality and robustness.

★ **New** *in* ★  
2021

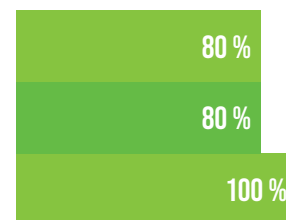




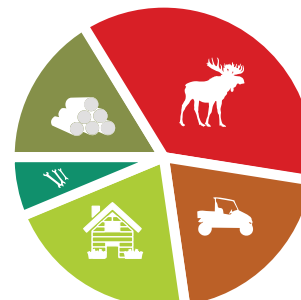
# COMPARATIVE GUIDE



SINGLE LINE PULLING FORCE		1,000 kg	700 kg
DOUBLE LINE PULLING FORCE		2,000 kg	1,400 kg
SPEED		11.6 m/min	10 m/min
WEIGHT		9.5 kg	9.5 kg
MOTORIZATION		Brushless electric	Honda GX35, 4-Stroke
WINCH TILT		360°	360°
ROPE GRABBING SYSTEM		No	No
CLUTCH		None - Direct drive	None - Direct drive
POWER		1.0 kW - 82 V	1.0 kW   1.3 hp
POWERED BY		Battery	Gas
PRIVATE USE WARRANTY		5 years	5 years



- FORESTRY
- HUNTING
- OFF-ROAD
- GARDEN-COTTAGE
- INDUSTRIAL



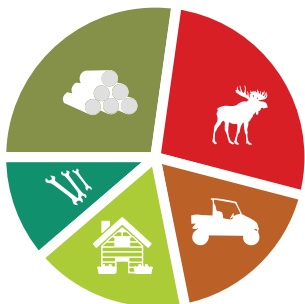
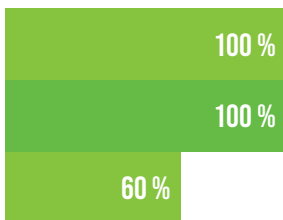
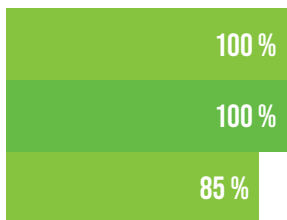


★ New In 2021 ★



1,000 kg  
2,000 kg  
13.4 m/min  
12 kg  
Honda GX50, 4-Stroke  
360°  
ARM  
Centrifugal  
1.47 kW | 2.0 hp  
Gas  
5 years

1,000 kg  
2,000 kg  
12 m/min  
16 kg  
Honda GXH50, 4-Stroke  
+/- 20°  
No  
None - Direct drive  
1.6 kW | 2.1 hp  
Gas  
5 years







### **The revolutionary winch.**

Instant start with a button. Three speeds. Powerful motor. Interchangeable quick-charge batteries (not included). Indoor and outdoor use.

### **Design**

With its push button starter, the PCW3000-Li is the simplest and fastest winch to start. It is also the first one to offer three operating speeds. In addition, it supports 80/82 V Lithium-Ion batteries, from 2 to 6 Ah, from several major brands.

### **Performance**

Depending on the selected speed, the weight of the pulled load and the chosen battery, the user benefits from a battery life ranging from 20 to 40 minutes of continuous use, without loss of power.

If necessary, it only takes a few seconds to change battery on the spot and continue at the same pace. Batteries can be recharged to full capacity at any time during the discharge cycle without damaging the cells and the engine requires no maintenance. Designed to be used year-round, the winch can be operated down to -14 degrees Celsius without affecting its autonomy or performance.

The PCW3000-Li develops a remarkable pulling force of 1,000 kg without mechanical advantage. By using a pulley system, you can go up to five times (5x) this pulling force. That is, with two double pulleys, you could pull up to 5,000 kg!



# PCW3000-Li

## Battery-Powered Pulling Winch 80/82 V

 SINGLE LINE  
PULLING FORCE  
**1,000 KG**

 DOUBLE LINE  
PULLING FORCE  
**2,000 KG**

 WINCH TILT  
**360°**

 SPEED  
SPEED 1 : 8.1 M/MIN  
SPEED 2 : 10 M/MIN  
SPEED 3 : 11.6 M/MIN

 WEIGHT  
**9.5 KG**

 POWER  
**1.0 kW | 82 V**

 MOTORIZATION  
**BRUSHLESS  
ELECTRIC MOTOR**

 POWERED BY  
**LITHIUM-ION BATTERY  
80/82 V FROM 2 TO 6 AH\***

 PRIVATE USE  
WARRANTY  
**5 YEARS**



\* Battery and charger not included

	PCW3000-Li
Series	Pro
Designed in	2018
Motor/Engine	<b>80/82 VOLT</b> 82V max Portable Winch Brushless electric motor with overload protection 360° inclinable 1.0 kW - 82 Volts
Powered by	Lithium-Ion 80/82V batteries - 2 to 6 Ah (not included)
Drive/Clutch	Direct drive (no clutch)
Rope Retention System	No
Drum turns when motor/engine is idling	Yes
Pulling Capacity	
Standard drum (single line / double line)	Ø 76 mm : 1,000 kg / 2,000 kg
Optional drum (single line / double line)	No optional drum
Lifting Capacity	
Standard drum (single line / double line)	<b>Not designed for lifting</b> - See <b>INDUSTRIAL SERIES</b> winches
Optional drum (single line / double line)	No optional drum
Speed	
Standard drum	Ø 76 mm : Speed 1 : 8.1 m/min Speed 2 : 10 m/min Speed 3 : 11.6 m/min
Optional drum	No optional drum
Weight	9.5 kg
Dimensions (overall)	30.8 cm x 31.6 cm x 30.9 cm
Gearbox	
Gear ratio	200:1
Brake	Anti-reversing roller clutch bearing
Rope (not included)	Low stretch double braided polyester
Length	Unlimited
Minimum diameter	Ø 10 mm
Maximum diameter	Ø 13 mm
Recommended diameter	Ø 10 mm
Included	Polyester sling - 60 mm x 2 m
Warranty	<b>Get 1 additional year of warranty if you register your product at <a href="http://www.portablewinch.com">www.portablewinch.com</a></b>
Private use	5 years
Commercial use	1 year
Motor/Engine	Portable Winch Co. International Warranty
Certifications	<b>CE IPX3</b>







### LITHIUM-ION BATTERIES AND CHARGERS

Lithium-Ion batteries are considered one of the greatest innovations in nearly 20 years!

Indeed, these batteries offer several benefits:

**COMPATIBLE:** With other battery tools such as the 600MH-Li cable laying machine, chainsaws, edgers, lawnmowers, leaf blowers, etc.

**RECHARGEABLE:** Can be charged to full capacity at any time during the discharge cycle without damaging the cells.

**SIMPLE:** Feature an energy gauge that displays the charge level in order to evaluate the remaining operating time before or during work.

**PROFESSIONAL PERFORMANCE:** Thanks to their extremely high efficiency, they provide enough power to operate powerful tools for a long period of time. In addition, they have a low self-discharge rate when not in use. Only 1.25% per month.

**ZERO EMISSIONS:** Electric motors do not produce exhaust gases or emissions. They can therefore be used both outdoors and indoors. In addition, the use of rechargeable batteries implies a sustainable use of resources.


Several brands and models of batteries and chargers are compatible with our winch PCW3000-Li.

This is a non-exhaustive list. Other brands or models could be added. We invite you to contact your dealer to find out which ones are available in your area.

BATTERIES	BRAND	MODEL	TENSION	RATED CAPACITY	RECHARGE TIME (100%)	WEIGHT (KG)
	BRIGGS & STRATTON / SNAPPER XD	BSB2AH82	82 V	2 Ah	30 min	1.5
	BRIGGS & STRATTON / SNAPPER XD	BSB4AH82	82 V	4 Ah	60 min	2.6
	BRIGGS & STRATTON / SNAPPER XD	BSB5AH82	82 V	5 Ah	75 min	2.6
	GREENWORKS COMMERCIAL	GL 250	82 V	2.5 Ah	36 min	1.5
	GREENWORKS COMMERCIAL	GL 400	82 V	4 Ah	60 min	2.6
	GREENWORKS COMMERCIAL	GL 500	82 V	5 Ah	72 min	2.6
	GREENWORKS PRO	2901302	80 V	2 Ah	30 min	1.5
	GREENWORKS PRO	2902502	80 V	5 Ah	90 min	2.5
	CRAMER	82V220G	82 V	3 Ah	45 min	1.6
	CRAMER	82V430G	82 V	6 Ah	90 min	2.6
	CRAMER (BLUETOOTH)	82V430	82 V	6 Ah	90 min	3.1
	STIGA	SBT 2580 AE	80 V	2.5 Ah	40 min	1.6
	STIGA	SBT 4080 AE	80 V	4 Ah	60 min	2.5
	STIGA	SBT 5080 AE	80 V	5 Ah	75 min	2.5

CHARGERS	BRAND	MODEL	TENSION	RATED CAPACITY	NUMBER OF SLOTS	WEIGHT (KG)
	BRIGGS & STRATTON / SNAPPER XD	BSRC82	82 V	4 A	1	1.5
	GREENWORKS COMMERCIAL	GC 400	82 V	4 A	1	1.6
	GREENWORKS COMMERCIAL	GC 420	82 V	4 A	2	2.0
	GREENWORKS PRO	2901402	80 V	4 A	1	1.5
	CRAMER	82C1G	82 V	4 A	1	1.6
	CRAMER	82C2	82 V	4 A	2	2.0
	STIGA	SFC 80 AE	80 V	4 A	1	1.3



A man with a long beard, wearing camouflage clothing and a hat, stands in a field of tall grass. He is holding a silver portable winch with red hooks. The winch is attached to a black strap around his waist. The background is a soft-focus field of tall grass under a cloudy sky.

### Compact Power

The PCW3000 capstan winch is nothing short of a tour de force to deliver incredible pulling power, in the smallest format designed by Portable Winch Co. Coupled with the 360°-inclinable GX35 Honda engine, it will be your best companion no matter where your next mission is.

### Design

The PCW3000 was designed to meet the demand for an even more portable model than the original winch PCW5000. Its capstan drum concept allows users to pull loads over an unlimited length of rope, without loss of power, in a simple, effective, and safe way. In addition, a wide range of accessories has been designed specifically to carry it over long distances!

### Performance

The proven reliability of Honda engines, combined with Portable Winch ingenuity, makes the PCW3000 a formidable competitor on the market. The winch can pull up to 700 kg without mechanical advantage. By adding a pulley system, you can go up to five times (5x) the pulling force. That means, with two double pulleys, you could move up to 3,500 kg!



# PCW3000

## Gas-Powered Pulling Winch GX35

## PRO SERIES



SINGLE LINE  
PULLING FORCE  
**700 KG**



DOUBLE LINE  
PULLING FORCE  
**1,400 KG**



WINCH TILT  
**360°**



SPEED  
**10 M/MIN**



WEIGHT  
**9.5 KG**



POWER  
**1.0 kW | 1.3 HP**



MOTORIZATION  
**HONDA 4-STROKE GX35**



POWERED BY  
**GAS**



PRIVATE USE  
WARRANTY  
**5 YEARS**



	PCW3000
Series	Pro
Designed in	2012
Motor/Engine	<b>POWERED by HONDA</b> Honda GX35 4-stroke - 360° inclinable - air-cooled 1.0 kW - 1.3 HP @ 7,000 tr/min
Powered by	Gas
Drive/Clutch	Direct drive (no clutch)
Rope Retention System	No
Drum turns when motor/engine is idling	Yes
Pulling Capacity	
Standard drum (single line / double line)	Ø 76 mm : 700 kg / 1,400 kg
Optional drum (single line / double line)	No optional drum
Lifting Capacity	
Standard drum (single line / double line)	<b>Not designed for lifting</b> - See <b>INDUSTRIAL SERIES</b> winches
Optional drum (single line / double line)	No optional drum
Speed	
Standard drum	Ø 76 mm : 10 m/min
Optional drum	No optional drum
Weight	9.5 kg
Dimensions (overall)	35 cm x 28.9 cm x 26.1 cm
Gearbox	Aluminium alloy. Heat treated 3-stage helical & spur gears. Mounted on ball bearings. Oil bath lubrication.
Gear ratio	200:1
Brake	Anti-reversing roller clutch bearing
Rope (not included)	Low stretch double braided polyester
Length	Unlimited
Minimum diameter	Ø 10 mm
Maximum diameter	Ø 13 mm
Recommended diameter	Ø 10 mm
Included	Polyester sling - 60 mm x 2 m
Warranty	<b>Get 1 additional year of warranty if you register your product at <a href="http://www.portablewinch.com">www.portablewinch.com</a></b>
Private use	5 years
Commercial use	1 year
Motor/Engine	Honda International Warranty
Certification	CE





#### **The last born.**

Portable Winch Co. strikes again with the introduction of the PCW4000 portable capstan winch equipped with the quick release anti roll-back mechanism (ARM)!

#### **Design**

This model is powered by the new Honda GX50 4-stroke 360° inclinable engine. It also has a centrifugal clutch that activates when you pull the rope. When the rope is released, the drum stops spinning and the ARM does its job by holding the load in position! To disengage the rope from the mechanism, a simple lateral movement is all it takes!

#### **Performance**

The PCW4000 develops a remarkable pulling force of 1,000 kg without mechanical advantage. By adding a pulley system, you can go up to five times (5x) the pulling force. That means, with two double pulleys, you could pull up to 5,000 kg!

POWERED by  
**HONDA**



## Gas-Powered Pulling Winch GX50

 SINGLE LINE  
PULLING FORCE  
**1,000 KG**

 DOUBLE LINE  
PULLING FORCE  
**2,000 KG**

 WINCH TILT  
**360°**

 SPEED  
**MAX 13.4 M/MIN**

 WEIGHT  
**12 KG**

 POWER  
**1.47 kW | 2.0 HP**

 MOTORIZATION  
**HONDA 4-STROKE GX50**

 POWERED BY  
**GAS**

 ROPE GRABBING  
SYSTEM  
**ARM**


 CLUTCH  
**CENTRIFUGAL**

 PRIVATE USE  
WARRANTY  
**5 YEARS**



	PCW4000
Series	Pro
Designed in	2020
Motor/Engine	<b>POWERED by HONDA</b> Honda GX50 4-stroke - 360° inclinable - air-cooled 1.47 kW - 2.0 HP @ 7,000 tr/min
Powered by	Gas
Drive/Clutch	Centrifugal
Rope Retention System	Quick release automatic anti roll-back mechanism (ARM)
Drum turns when motor/engine is idling	No
Pulling Capacity	
Standard drum (single line / double line)	Ø 76 mm : 1,000 kg / 2,000 kg
Optional drum (single line / double line)	No optional drum
Lifting Capacity	
Standard drum (single line / double line)	<b>Not designed for lifting</b> - See <b>INDUSTRIAL SERIES</b> winches
Optional drum (single line / double line)	No optional drum
Speed	
Standard drum	Ø 76 mm : 13.4 m/min
Optional drum	No optional drum
Weight	12 kg
Dimensions (overall)	42 cm x 30 cm x 28.5 cm
Gearbox	Aluminium alloy. Heat treated 3-stage helical & spur gears. Mounted on ball bearings. Oil bath lubrication.
Gear ratio	200:1
Brake	Anti-reversing roller clutch bearing
Rope (not included)	Low stretch double braided polyester
Length	Unlimited
Minimum diameter	Ø 10 mm
Maximum diameter	Ø 13 mm
Recommended diameter	Ø 10 mm
Included	Polyester sling - 60 mm x 2 m
Warranty	<b>Get 1 additional year of warranty if you register your product at <a href="http://www.portablewinch.com">www.portablewinch.com</a></b>
Private use	5 years
Commercial use	1 year
Motor/Engine	Honda International Warranty
Certification	CE



A firefighter in a red jacket and orange helmet is operating a portable winch in a forest. The winch is a red Honda engine with a black frame, and the firefighter is pulling on a rope attached to it. The background is a dense forest with trees and fallen leaves.

### The original winch.

Whether it's for pulling trees out of the woods, getting a stuck vehicle out, or any other purpose, the inexhaustible PCW5000 will be there to help you.

### Design

Its robust design makes it the Portable Winch benchmark for quality and durability: ingenious products, offering durable power without compromise, anywhere. The capstan winch concept allows users to pull loads over an unlimited length of rope, without loss of power, in a simple, effective, and safe way.

In addition, the PCW5000 offers two speed options thanks to its interchangeable capstan drums. You can choose the one that will best suit your task. The 57-mm diameter drum, standard on the winch, delivers all the power with a pulling speed of 12 metres per minute. For more speed, the optional 85-mm drum (PCA-1100) will give you 50% more speed, or 18 metres per minute. A wide range of

complementary accessories has been specifically designed to meet your needs.

### Performance

The PCW5000 develops a remarkable pulling force of 1,000 kg without mechanical advantage. By adding a pulley system, you can go up to five times (5x) the pulling force. That means, with two double pulleys, you could pull up to 5,000 kg!

POWERED by  
**HONDA**



# PCW5000

## Gas-Powered Pulling Winch GXH50



SINGLE LINE  
PULLING FORCE  
**1,000 KG**



DOUBLE LINE  
PULLING FORCE  
**2,000 KG**



WINCH TILT  
**+/- 20°**



SPEED  
**12 M/MIN**



WEIGHT  
**16 KG**



POWER  
**1.6 kW | 2.1 HP**



MOTORIZATION  
**HONDA 4-STROKE GXH50**



POWERED BY  
**GAS**



PRIVATE USE  
WARRANTY  
**5 YEARS**



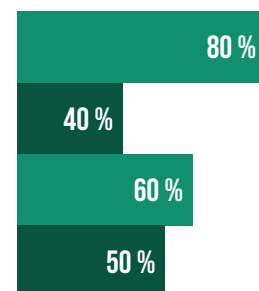
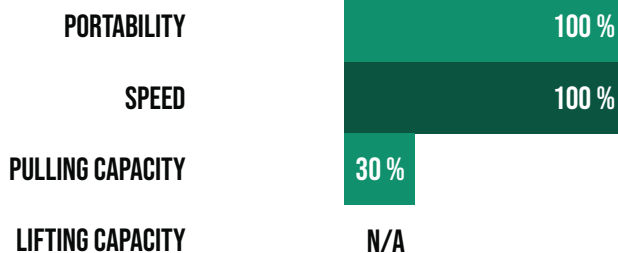
	PCW5000
Series	Pro
Designed in	2003
Motor/Engine	<b>POWERED by HONDA</b> Honda GXH50 4-stroke air-cooled 1.6 kW - 2.1 HP @ 7,000 tr/min
Powered by	Gas
Drive/Clutch	Direct drive (no clutch)
Rope Retention System	No
Drum turns when motor/engine is idling	Yes
Pulling Capacity	
Standard drum (single line / double line)	Ø 57 mm : 1,000 kg / 2,000 kg
Optional drum (single line / double line)	Ø 85 mm : 700 kg / 1,400 kg
Lifting Capacity	
Standard drum (single line / double line)	<b>Not designed for lifting</b> - See <b>INDUSTRIAL SERIES</b> winches
Optional drum (single line / double line)	---
Speed	
Standard drum	Ø 57 mm : 12 m/min
Optional drum	Ø 85 mm : 18 m/min
Weight	16 kg
Dimensions (overall)	37.1 cm x 36.6 cm x 36.6 cm
Gearbox	Aluminium alloy. Heat treated 3-stage spur gears. Mounted on ball bearings. Oil bath lubrication.
Gear ratio	110:1
Brake	Anti-reversing roller clutch bearing
Rope (not included)	Low stretch double braided polyester
Length	Unlimited
Minimum diameter	Ø 10 mm
Maximum diameter	Ø 13 mm
Recommended diameter	Ø 12 mm
Included	Polyester sling - 60 mm x 2 m
Warranty	<b>Get 1 additional year of warranty if you register your product at <a href="http://www.portablewinch.com">www.portablewinch.com</a></b>
Private use	5 years
Commercial use	1 year
Motor/Engine	Honda International Warranty
Certification	CE



# COMPARATIVE GUIDE



SINGLE LINE PULLING FORCE		350 kg	775 kg
DOUBLE LINE PULLING FORCE		700 kg	1,550 kg
LIFTING CAPACITY		---	250 kg
SPEED		36 m/min	12 m/min
WEIGHT		16 kg	19 kg
MOTORIZATION		Honda GXH50, 4-Stroke	Honda GXH50, 4-Stroke
INCLINAISON MOTOR/ENGINE		+/-20°	+/-20°
ROPE RETENTION SYSTEM		No	PCS
CLUTCH		None - Direct drive	Centrifugal
POWER		1.6 kW   2.1 hp	1.6 kW   2.1 hp
POWERED BY		Gas	Gas
COMMERCIAL USE WARRANTY		1 year	1 year



- FORESTRY
- HUNTING
- OFF-ROAD
- GARDEN-COTTAGE
- INDUSTRIAL

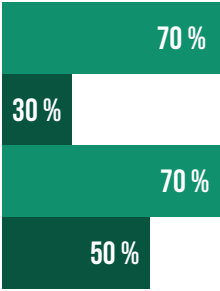






1,150 kg  
2,300 kg  
450 kg  
20 m/min  
34.5 kg  
Honda 4-Stroke GX160  
+/-20°  
PCS  
Centrifugal  
3.6 kW | 4.8 hp  
Gas  
1 year

820 kg  
1,640 kg  
250 kg  
8.8 m/min  
24 kg  
Baldor - 1 ph  
360°  
PCS  
None - Direct drive  
0.56 kW | 0.75 hp  
Electric  
1 year





### The High-Speed

The PCW5000-HS is the winch with the highest pulling speed. An outstanding ally! For work requiring more speed than capacity, such as cable pulling or optical-fibre cable installing.

### Design

Based on the same successful design as the PCW5000, the PCW5000-HS is built with a gearbox optimized for speed. Thus, at 36 metres per minute, it can pull loads three (3) times faster than its predecessor, making it ideal for smaller loads over longer distances.

In addition, the winch's capstan drum concept allows users to pull loads over an unlimited length of rope, without loss of power, in a simple, effective, and safe way.

### Performance

The PCW5000-HS develops a pulling force of 350 kg, without mechanical advantage. By adding a pulley system, you can go up to five times (5x) the pulling force. That means, with two double pulleys, you could pull up to 1,750 kg!



# PCW5000-HS

## High-Speed Gas-Powered Pulling Winch GXH50

## INDUSTRIAL SERIES



SINGLE LINE  
PULLING FORCE  
**350 KG**



DOUBLE LINE  
PULLING FORCE  
**700 KG**



WINCH TILT  
**+/- 20°**



SPEED  
**36 M/MIN**



WEIGHT  
**16 KG**



POWER  
**1.6 kW | 2.1 HP**



MOTORIZATION  
**HONDA 4-STROKE GXH50**



POWERED BY  
**GAS**



COMMERCIAL USE  
WARRANTY  
**1 YEAR**



	PCW5000-HS
Series	Industrial
Designed in	2011
Motor/Engine	<b>POWERED by HONDA</b> Honda GXH50 4-stroke air-cooled 1.6 kW - 2.1 HP @ 7,000 tr/min
Powered by	Gas
Drive/Clutch	Direct drive (no clutch)
Rope Retention System	No
Drum turns when motor/engine is idling	Yes
Pulling Capacity	
Standard drum (single line / double line)	Ø 85 mm : 350 kg / 700 kg
Optional drum (single line / double line)	Ø 57 mm : 500 kg / 1000 kg
Lifting Capacity	
Standard drum (single line / double line)	<b>Not designed for lifting</b>
Optional drum (single line / double line)	---
Speed	
Standard drum	Ø 85 mm : 36 m/min
Optional drum	Ø 57 mm : 24 m/min
Weight	16 kg
Dimensions (overall)	37.1 cm x 36.6 cm x 36.6 cm
Gearbox	Aluminium alloy. Heat treated 3-stage spur gears. Mounted on ball bearings. Oil bath lubrication.
Gear ratio	53:1
Brake	Anti-reversing roller clutch bearing
Rope (not included)	Low stretch double braided polyester
Length	Unlimited
Minimum diameter	Ø 10 mm
Maximum diameter	Ø 13 mm
Recommended diameter	Ø 12 mm
Included	Polyester sling - 60 mm x 2 m
Warranty	<b>Get 1 additional year of warranty if you register your product at <a href="http://www.portablewinch.com">www.portablewinch.com</a></b>
Private use	2 years
Commercial use	1 year
Motor/Engine	Honda International Warranty
Certification	CE



#### **Lifting in complete safety.**

Specifically designed for the lifting needs of the industrial sector, the PCH1000 features the rope progressive capture system (PCS), essential for safely lifting, lowering and retaining loads. Whether it is for applications such as telecommunication structures assembling, lifting of various equipment on a site, or simply for pulling loads, the PCH1000 is versatile and safe. In addition, a wide variety of anchoring systems are available so you can easily do your set up.

#### **Design**

Located between the engine and the gearbox, the clutch system ensures that the capstan drum does not rotate when the engine idles.

Once the rope is inserted into the grabbing system, the operator activates the clutch and initiates the movement simply by pulling on the rope horizontally. The rope progressive capture system prevents the rope from slipping on the drum and holds the load when the rope is released. The winch can also be used to lower a load by disengaging the system. To do this, the operator should simply pull the handle of the PCS cord and control the main rope during the descent.

#### **Performance**

Equipped with the 4-stroke GXH50 Honda engine, the PCH1000 develops a pulling force of 775 kg and offers a lifting capacity of 250 kg in a single line setup. Of course, a block and tackle system will allow you to increase its capacity!



**PCH1000****Gas-Powered Pulling/Lifting Winch GXH50****INDUSTRIAL SERIES**SINGLE LINE  
PULLING FORCE  
**775 KG**DOUBLE LINE  
PULLING FORCE  
**1,550 KG**LIFTING  
CAPACITY  
**250 KG**WINCH TILT  
**+/- 20°**SPEED  
**12 M/MIN**WEIGHT  
**19 KG**POWER  
**1.6 kW | 2.1 HP**MOTORIZATION  
**HONDA 4-STROKE GXH50**POWERED BY  
**GAS**ROPE GRABBING  
SYSTEM  
**PCS**CLUTCH  
**CENTRIFUGAL**COMMERCIAL USE  
WARRANTY  
**1 YEAR**

	PCH1000
Series	Industrial
Designed in	2009
Motor/Engine	POWERED by <b>HONDA</b> Honda GXH50 4-stroke air-cooled 1.6 kW - 2.1 HP @ 7,000 tr/min
Powered by	Gas
Drive/Clutch	Centrifugal
Rope Retention System	Progressive capture system (PCS)
Drum turns when motor/engine is idling	No
Pulling Capacity	
Standard drum (single line / double line)	Ø 57 mm : 775 kg / 1,550 kg
Optional drum (single line / double line)	Ø 85 mm : 540 kg / 1,080 kg
Lifting Capacity	
Standard drum (single line / double line)	Ø 57 mm : 250 kg / 500 kg
Optional drum (single line / double line)	Ø 85 mm : 175 kg / 350 kg
Speed	
Standard drum	Ø 57 mm : 12 m/min
Optional drum	Ø 85 mm : 18 m/min
Weight	19 kg
Dimensions (overall)	50.5 cm x 36.6 cm x 36.6 cm
Gearbox	Aluminium alloy. Heat treated 3-stage spur gears. Mounted on ball bearings. Oil bath lubrication.
Gear ratio	110:1
Brake	Anti-reversing roller clutch bearing
Rope (not included)	Low stretch double braided polyester
Length	Unlimited
Minimum diameter	Ø 12 mm
Maximum diameter	Ø 13 mm
Recommended diameter	Ø 12 mm
For lifting	Ø 12 mm with eye splice and thimble
Included	Polyester sling - 60 mm x 2 m
Warranty	Get 1 additional year of warranty if you register your product at <a href="http://www.portablewinch.com">www.portablewinch.com</a>
Private use	2 years
Commercial use	1 year
Motor/Engine	Honda International Warranty
Certifications	<b>CE M3</b> (ISO LIFTING)





POWERED by  
**HONDA**

### **The Almighty.**

The PCH2000 is the most powerful winch available; performing the most demanding tasks smoothly.

### **Design**

The PCH2000 has a capstan drum that allows to maintain a constant force, over an unlimited length of rope, at a speed of 20 metres per minute. It is also the first model to offer a 108-mm anodized drum. By oversizing the drum, the friction surface expands, and it results in better load control. Through anodic oxidation treatment, the PCH2000's drum features better wear resistance and does not increase the rope's conductivity. These attributes make it ideal for its assignment to tasks around and on electrical structures!

Developed for lifting, the PCH series benefits from its own unique clutch and rope progressive capture system (PCS). Once the rope is inserted into the system, the operator activates the clutch and initiates the movement by pulling the rope horizontally. At any time, the operator can decide to stop lifting and hold the load in mid-air. It is also possible to pull on the handle of the cord attached to the PCS to disengage it and lower the load, while controlling the main rope in the descent.

### **Performance**

Powered by a 160 cc Honda GX series engine, the PCH2000 features an unprecedented pulling power of 1,150 kg and a lifting capacity of 450 kg in a single line. Of course, a block and tackle system will allow you to increase its capacity!



## Gas-Powered Pulling/Lifting Winch GX160

 SINGLE LINE  
PULLING FORCE  
**1,150 KG**

 DOUBLE LINE  
PULLING FORCE  
**2,300 KG**

 LIFTING  
CAPACITY  
**450 KG**

 WINCH TILT  
**+/- 20°**

 SPEED  
**20 M/MIN**

 WEIGHT  
**34.5 KG**

 POWER  
**3.6 kW | 4.8 HP**

 MOTORIZATION  
**HONDA 4-STROKE GX160**

 POWERED BY  
**GAS**

 ROPE GRABBING  
SYSTEM  
**PCS**

 CLUTCH  
**CENTRIFUGAL**

 COMMERCIAL USE  
WARRANTY  
**1 YEAR**



	PCH2000
Series	Industrial
Designed in	2016
Motor/Engine	POWERED by <b>HONDA</b> Honda GX160 4-stroke air-cooled 3.6 kW - 4.8 HP @ 3,600 tr/min
Powered by	Gas
Drive/Clutch	Centrifugal
Rope Retention System	Progressive capture system (PCS)
Drum turns when motor/engine is idling	No
Pulling Capacity	
Standard drum (single line / double line)	Ø 108 mm : 1,150 kg / 2,300 kg
Optional drum (single line / double line)	No optional drum
Lifting Capacity	
Standard drum (single line / double line)	Ø 108 mm : 450 kg / 900 kg
Optional drum (single line / double line)	No optional drum
Speed	
Standard drum	Ø 108 mm : 20 m/min
Optional drum	No optional drum
Weight	34.5 kg
Dimensions (overall)	56 cm x 48.3 cm x 35.6 cm
Gearbox	Aluminium alloy. Heat treated 3-stage spur gears. Mounted on ball bearings. Oil bath lubrication.
Gear ratio	53:1
Brake	Unidirectional double bearing
Rope (not included)	Low stretch double braided polyester
Length	Unlimited
Minimum diameter	Ø 12 mm
Maximum diameter	Ø 13 mm
Recommended diameter	Ø 12 mm
For lifting	Ø 12 mm with eye splice and thimble
Included	Polyester sling - 60 mm x 2 m
Warranty	<b>Get 1 additional year of warranty if you register your product at <a href="http://www.portablewinch.com">www.portablewinch.com</a></b>
Private use	2 years
Commercial use	1 year
Motor/Engine	Honda International Warranty
Certifications	<b>CE M3 (ISO LIFTING)</b>





### The Plug-In Winch

The PCT1800 is recommended for situations where a conventional combustion engine is unusable or where noise is an issue. This electric winch designed for lifting and pulling is ideal for indoor work, such as pulling wire through pipes or hoisting equipment.

### Design

As with all other Portable Winch models, the PCT1800 has a capstan drum that maintains the same force throughout the work, over an unlimited length of rope at a speed of 8.8 metres per minute. Specifically developed for lifting winches, the rope progressive capture system (PCS) is found on the PCT1800 series. Once the rope is inserted into the system, the operator activates the winch and initiates the movement simply by pulling horizontally on the rope. At any time, the operator can decide to stop lifting and keep the load in suspension, without any problem. In order to lower a load, the operator must pull the PCS cord handle to disengage. Then, the operator will be able to control the main rope in its lowering movement. If ever the rope was to slip out of the operator's hands, the progressive capture system would grip the rope and prevent the load from collapsing to the ground.

### Performance

Powered by a 1 ph - 3/4 hp electric motor, the PCT1800 develops a pulling force of 820 kg and offers a lifting capacity of 250 kg in a single line. Of course, a block and tackle system will allow you to increase these capacities!

# PCT1800 60Hz-115/230 V<sup>(1)</sup> 50Hz-110/220 V<sup>(2)</sup>

## INDUSTRIAL SERIES

### Electric Pulling/Lifting Winch

 SINGLE LINE  
PULLING FORCE  
**820 KG**

 DOUBLE LINE  
PULLING FORCE  
**1,640 KG**

 LIFTING  
CAPACITY  
**250 KG**

 WINCH TILT  
**360°**

 SPEED  
**8.8 M/MIN<sup>(1)</sup>  
7.2 M/MIN<sup>(2)</sup>**

 WEIGHT  
**24 KG<sup>(1)</sup> | 27 KG<sup>(2)</sup>**

 POWER  
**0.56 kW | 0.75 HP**

 MOTORIZATION  
**BALDOR - 1 PH**

 POWERED BY  
**ELEC 115V / 230V<sup>(1)</sup>  
ELEC 110V / 220V<sup>(2)</sup>**

 ROPE GRABBING  
SYSTEM  
**PCS**

 COMMERCIAL USE  
WARRANTY  
**1 YEAR**



	PCT1800-60HZ <sup>(1)</sup>	PCT1800-50HZ <sup>(2)</sup>
Series	Industrial	
Designed in	2009	
Motor/Engine	<b>BALDOR</b> Baldor AC Electric TEFC - 115/230 VAC 1 ph - 60 Hz 0.56 kW - 0.75 HP @ 3,450 tr/min	<b>BALDOR</b> Baldor AC Electric TEFC - 110/220 VAC 1 ph - 50 Hz 0.56 kW - 0.75 HP @ 2,850 tr/min
Powered by	115 V	220 V
Drive/Clutch	Direct drive (no clutch)	
Rope Retention System	Progressive capture system (PCS)	
Drum turns when motor/engine is idling	No idle on electric motors	
Pulling Capacity		
Standard drum (single line / double line)	Ø 85 mm : 820 kg / 1,640 kg	
Optional drum (single line / double line)	Ø 57 mm : 1,000 kg / 2,000 kg	
Lifting Capacity		
Standard drum (single line / double line)	Ø 85 mm : 250 kg / 500 kg	
Optional drum (single line / double line)	Ø 57 mm : 250 kg / 500 kg	
Speed		
Standard drum	Ø 85 mm : 8.8 m/min	Ø 85 mm : 7.2 m/min
Optional drum	Ø 57 mm : 5.8 m/min	Ø 57 mm : 4.8 m/min
Weight	24 kg	27 kg
Dimensions (overall)	55.6 cm x 36.6 cm x 36.6 cm	
Gearbox	Aluminium alloy. Heat treated 3-stage spur gears. Shafts mounted on ball bearings. Oil bath lubrication.	
Gear ratio	110:1	
Brake	Anti-reversing roller clutch bearing	
Work cycle	25% (15 min/h to prevent motor overheating)	
Rope (not included)	Low stretch double braided polyester	
Length	Unlimited	
Minimum diameter	Ø 12 mm	
Maximum diameter	Ø 13 mm	
Recommended diameter	Ø 12 mm	
For lifting	Ø 12 mm with eye splice and thimble	
Included	Polyester sling - 60 mm x 2 m	
Warranty	<b>Get 1 additional year of warranty if you register your product at <a href="http://www.portablewinch.com">www.portablewinch.com</a></b>	
Private use	2 years	
Commercial use	1 year	
Motor/Engine	Baldor (ABB) International Warranty	
Certifications	<b>CE IP54 M3 (ISO LIFTING)</b>	







# **WINCH KITS**

## **FORESTRY HUNTING**

### **OFF-ROAD GARDEN-COTTAGE**

At Portable Winch, we know that, in order to take advantage of the full potential of a capstan winch, it must be used with the right accessories. That's why we have developed a complete range of accessories to take the most out of it.

Here you will find pre-assembled kits built by our team of experts, classified by category. Whether your need is for forestry, hunting, off-roading, work around the house or cottage, we have thought of everything!

You will find 4 kits in each category (each one with a different model of winch). To help you make your choice, we have highlighted the most popular one in each category.

These kits will allow you to achieve what they are intended for, but nothing keeps you from complementing them with other accessories to achieve other tasks.





POWERED by  
**HONDA**







**MOST POPULAR  
CHOICE**

PCW5000

PCA-1295

PCA-1274

PCA-1215M

PCA-1290

PCA-1255

PCA-1276

PCA-1260

PCA-1282



## PCW5000-FK

- 1x PCW5000  
GAS-POWERED PULLING WINCH GXH50
- 1x PCA-1274  
SINGLE SWING SIDE PULLEY
- 1x PCA-1290  
SKIDDING CONE
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1282  
LOCKING GRAB HOOK
- 1x PCA-1260  
POLYESTER SLING
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1215M  
ROPE 12 MM X 50 M
- 1x PCA-1295  
CHOKER CHAIN

**The most popular choice for woodlot owners and occasional loggers, the PCW5000-FK kit includes the PCW5000 winch and accessories adapted to extract logs.**

It includes the skidding cone (PCA-1290), which prevents logs from getting stuck in roots, stumps and other obstacles. Its shape allows it to slide along the residual trees, thus avoiding injuries during regeneration.

The 12 mm x 50 m rope allows you to reach trees where they are. As for the single pulley, it will be useful to deviate the load or to double the pulling force if need be. Combined with the 1,000-kg power offered by the winch PCW5000, you will obtain 2,000 kg of force!

The essential original kit to get wood out and face all the situations encountered in the forest!



*Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.*



PCW4000

PCA-1260

PCA-1205M

PCA-0106

PCA-1276

PCA-1255

PCA-1275

PCA-1290

PCA-1282

PCA-1295



## PCW4000-FK

- 1x PCW4000  
GAS-POWERED PULLING WINCH GX50
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-0106  
TRANSPORT BAG
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1290  
SKIDDING CONE
- 1x PCA-1295  
CHOKER CHAIN
- 1x PCA-1282  
LOCKING GRAB HOOK
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1260  
POLYESTER SLING

**An interesting choice for foresters and occasional loggers, the PCW4000-FK kit includes the PCW4000 winch as well as adapted accessories for extracting logs.**

Notably, the skidding cone (PCA-1290), which prevents logs from getting stuck in roots, stumps and other obstacles. Its shape allows it to slide along residual trees, thus avoiding regeneration injuries.

The 10 mm x 50 m rope allows you to reach the trees where you need to. As for the single pulley, it will be useful to deflect the load or double the pulling force when the time comes. Combined with the 1,000 kg of power offered by the PCW4000 winch, you will obtain 2,000 kg of force!

An interesting alternative to the PCW5000-FK kit to get out of the woods and face all situations encountered in the forest!



Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.



PCW3000

PCA-1295

PCA-1275

PCA-0102

PCA-1205M

PCA-1290

PCA-1255

PCA-1276

PCA-1260

PCA-1282



POWERED by  
**HONDA**

## PCW3000-FK

- 1x PCW3000  
GAS-POWERED PULLING WINCH GX35
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 1x PCA-0102  
TRANSPORT CASE
- 1x PCA-1290  
SKIDDING CONE
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1282  
LOCKING GRAB HOOK
- 1x PCA-1260  
POLYESTER SLING
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-1295  
CHOKER CHAIN

**For a more compact choice, woodlot owners and occasional loggers choose the kit PCW3000-FK, which includes the all-position winch PCW3000 as well as a protective box and accessories adapted to extract logs.**

The skidding cone (PCA-1290) prevents logs from getting stuck in roots, stumps and other obstacles. Its shape allows it to slide along the residual trees, thus avoiding injuries during regeneration.

The 10 mm x 50 m rope allows you to reach trees where they are. The single pulley will be useful to deviate the load or to double the pulling force when the time comes. Combined with the 700-kg power offered by the winch PCW3000, you will get 1,400 kg of force!

An interesting alternative to the kit PCW5000-FK for those walking over longer distances!



*Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.*



PCW3000-Li

PCA-1295

PCA-1275

PCA-1205M

PCA-0106

PCA-1260

PCA-1276

PCA-1282

PCA-1290



Battery and charger not included

80/82 VOLT  
82V MAX

## PCW3000-Li-FK

- 1x PCW3000-Li  
BATTERY-POWERED PULLING WINCH 80/82 V
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 1x PCA-0106  
TRANSPORT BAG
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1290  
SKIDDING CONE
- 1x PCA-1282  
LOCKING GRAB HOOK
- 1x PCA-1260  
POLYESTER SLING
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-1295  
CHOKER CHAIN

**For an ecological and compact choice, the kit PCW3000-Li-FK, with the high-performance battery-powered winch, brings together the essentials for woodlot owners and occasional loggers.**

The skidding cone (PCA-1290) prevents logs from getting stuck in roots, stumps and other obstacles. Its shape allows it to slide along the residual trees, thus avoiding injuries during regeneration.

The 10 mm x 50 m rope allows you to reach trees everywhere. The single pulley will be useful to deviate the load or double the pulling force if need be. Combined with the 1,000-kg power offered by the winch PCW3000-Li, you will obtain 2,000 kg of strength!

An interesting alternative to the kit PCW3000-FK if you enjoy having no maintenance to perform.



*Note: Battery and charger not included. One (1) 60 mm x 2 m polyester anchor sling is included with the winch.*



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**HONDA**







POWERED by  
**HONDA**





**MOST POPULAR  
CHOICE**

PCW3000

PCA-1205M

PCA-1275

PCA-0102

PCA-1260

PCA-0103

PCA-1276

PCA-0104



POWERED by  
**HONDA**

## PCW3000-HK

- 1x PCW3000  
GAS-POWERED PULLING WINCH GX35
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 1x PCA-0102  
TRANSPORT CASE
- 1x PCA-0103  
ROPE BAG
- 1x PCA-0104  
MOLDED PACK FRAME
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1260  
POLYESTER SLING
- 1x PCA-1205M  
ROPE 10 MM X 50 M

The hunters' most popular choice, the kit PCW3000-HK includes the all-position winch PCW3000 as well as the essentials to go searching for your next big game.

The molded pack frame, to which the case and the rope bag are attached, allows you to carry your winch, rope and accessories on your shoulders, making it easier to move around the forest in an ergonomic and convenient way.

The 10 mm x 50 m rope allows you to reach your game wherever it is. The single pulley will be useful to deviate the load or double the pulling force when the time comes. Combined with the 700-kg power offered by the winch PCW3000, you will get 1,400 kg of power!

The ideal kit for walking over long distances!



Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.



PCW5000

PCA-1372

PCA-1274

PCA-1215M

PCA-0100

PCA-1255

PCA-1276

PCA-1260

PCA-1261

PCA-1282



## PCW5000-HK

- 1x PCW5000  
GAS-POWERED PULLING WINCH GXH50
- 1x PCA-1274  
SINGLE SWING SIDE PULLEY
- 1x PCA-0100  
TRANSPORT CASE
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1261  
ANCHOR PLATE FOR TOWING BALLS
- 1x PCA-1282  
LOCKING GRAB HOOK
- 1x PCA-1260  
POLYESTER SLING
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1215M  
ROPE 12 MM X 50 M
- 1x PCA-1372  
HPPE ROPE CHOKER

**For those who want more power, the kit PCW5000-HK is an interesting option, as it includes the winch PCW5000.**

You can carry and protect the winch in the rigid transport box. You can also store the smallest accessories inside. It comes with a 12 mm x 50 m rope that can be stored in the rope bag.

The single pulley will be useful to deviate the load or double the pulling force when needed. Combined with the 1,000-kg power offered by the winch PCW5000, you will obtain 2,000 kg of force!

A complete kit for those who want the winch PCW5000!



*Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.*



PCW4000

PCA-1205M

PCA-0106

PCA-1255

PCA-1261

PCA-1372

PCA-1260

PCA-1276

PCA-1275

PCA-1282



## PCW4000-HK

- 1x PCW4000  
GAS-POWERED PULLING WINCH GX50
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-0106  
TRANSPORT BAG
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1261  
ANCHOR PLATE FOR TOWING BALLS
- 1x PCA-1372  
HPPE ROPE CHOKER
- 1x PCA-1282  
LOCKING GRAB HOOK
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1260  
POLYESTER SLING

For those who want more power from the PCW5000 but with a 360° tilting winch, the PCW4000-HK kit is a very interesting option.

You will be able to carry the PCW4000 in the carrying bag. You will also store the smaller accessories. You will also find a 10 mm x 50 m rope that you will store in the rope bag.

The single pulley will be useful to deflect the load or double the pulling force when the time comes. Combined with the 1,000 kg of power offered by the PCW4000 winch, you will obtain 2,000 kg of strength!

A complete kit for those who want the PCW4000 winch!



Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.



PCW3000-Li

PCA-1372

PCA-1275

PCA-1205M

PCA-0106

PCA-1276

PCA-1260

PCA-1282



Battery and charger not included

**80/82 VOLT**  
82V MAX

## PCW3000-Li-HK

- 1x PCW3000-Li  
BATTERY-POWERED PULLING WINCH 80/82 V
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 1x PCA-0106  
TRANSPORT BAG
- 1x PCA-1260  
POLYESTER SLING
- 1x PCA-1282  
LOCKING GRAB HOOK
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-1372  
HPPE ROPE CHOKER

**For hunters who want no odours or maintenance and who are still looking for power, here is the ecological kit PCW3000-Li-HK with a three-speed battery-powered winch.**

Since the winch does not use gasoline, odours are absent. In addition, the kit includes a bag that allows you to carry and store your winch, 10 mm x 50 m rope as well as accessories in a convenient all-in-one format. This way, you will make your journey in the forest easier, without leaving anything behind.

The single pulley will be useful to deviate the load or double the pulling force when needed. Combined with the 1,000-kg power offered by the winch PCW3000-Li, you will obtain 2,000 kg of power!

An interesting alternative to the three kits with gas winches.



Note: Battery and charger not included. One (1) 60 mm x 2 m polyester anchor sling is included with the winch.

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**HONDA**





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# PCW3000-VK

## OFF-ROAD KIT



**MOST POPULAR  
CHOICE**

PCW3000

PCA-1205M

PCA-1275

PCA-0102

PCA-1260

PCA-1255

PCA-1276

PCA-1261



### PCW3000-VK

- 1x PCW3000  
GAS-POWERED PULLING WINCH GX35
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 1x PCA-0102  
TRANSPORT CASE
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1261  
ANCHOR PLATE FOR TOWING BALLS
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1260  
POLYESTER SLING
- 1x PCA-1205M  
ROPE 10 MM X 50 M

**Motor sports enthusiasts of all kinds, and of all seasons, the kit PCW3000-VK was designed for your inner adventurer and includes the essentials to leave with peace of mind.**

Whatever situations your vehicle finds itself in, you'll be able to take it out with this assortment. The 10 mm x 50 m rope will allow you to get your vehicle back regardless of terrain conditions. As for the single pulley, it will be useful to double the pulling force if needed. Combined with the 700-kg power offered by the winch PCW3000, you will get 1,400 kg of power! This kit also includes the anchor plate for towing ball to allow the use of your off-road vehicle as anchoring point.

The molded transport case and rope bag are also included to allow you to carry your winch, rope and accessories, protected from bad weather.



*Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.*



PCW5000

PCA-1215M

PCA-0100

PCA-1255

PCA-1276

PCA-1260

PCA-1261

PCA-1274



## PCW5000-VK

- 1x PCW5000
- 1x GAS-POWERED PULLING WINCH GXH50
- 1x PCA-0100
- 1x TRANSPORT CASE
- 2x PCA-1276
- 2x LOCKING CARABINER
- 1x PCA-1261
- 1x ANCHOR PLATE FOR TOWING BALLS
- 1x PCA-1274
- 1x SINGLE SWING SIDE PULLEY
- 1x PCA-1260
- 1x POLYESTER SLING
- 1x PCA-1255
- 1x ROPE BAG
- 1x PCA-1215M
- 1x ROPE 12 MM X 50 M

**For motor sport enthusiasts looking for all the power the PCW5000 gas powered winch has to offer, the PCW5000-VK kit is for you and contains the essential accessories to leave with peace of mind.**

No matter the situation your vehicle finds gets itself in, you'll be able to get it out of trouble. The 12 mm x 50 m rope will allow it to be retrieved, regardless of terrain conditions. As for the single pulley, it will be useful to double the pulling force when the time comes. Combined with the 1,000-kg power offered by the winch PCW5000, you will obtain 2,000 kg of power!

The package also includes the anchor plate for towing balls allow you to use your vehicle as an anchor point. The molded transport case and rope bag are included to carry your winch, rope and accessories safe from the elements.



Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.

PCW4000

PCA-0106

PCA-1255

PCA-1205M

PCA-1261

PCA-1260

PCA-1276

PCA-1275



## PCW4000-VK

- 1x PCW4000  
GAS-POWERED PULLING WINCH 6X50
- 1x PCA-0106  
TRANSPORT BAG
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-1261  
ANCHOR PLATE FOR TOWING BALLS
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1260  
POLYESTER SLING

For powersports enthusiasts looking for all the power of the PCW4000, the PCW4000-VK kit includes the essential accessories for peace of mind.

No matter what situation your vehicle is in, you'll be able to get it out of trouble. The 10 mm x 50 m rope allows you to retrieve it no matter what the terrain conditions are. The single pulley will be useful to double the pulling force when the time comes. Combined with the 1,000 kg power offered by the PCW5000 winch, you will obtain 2,000 kg of strength!

The kit also includes the ball anchor plate to allow you to use your vehicle as an anchor point. Included is a carrying bag to transport your winch and small accessories.

And don't forget the automatic anti roll-back mechanism of the PCW4000! It will prevent your vehicle for rolling back...



Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.



PCW3000-Li

PCA-1261

PCA-1275

PCA-1205M

PCA-1260

PCA-0106

PCA-1276



Battery and charger not included  
**80/82 VOLT**  
82V MAX

## PCW3000-Li-VK

- 1x PCW3000-Li  
BATTERY-POWERED PULLING WINCH 80/82 V
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 1x PCA-1260  
POLYESTER SLING
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-0106  
TRANSPORT BAG
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-1261  
ANCHOR PLATE FOR TOWING BALLS

**For motor sport enthusiasts who prefer the three (3)-speed battery-powered winch, the PCW3000-Li-VK kit is the ideal kit and covers the essentials to leave with peace of mind.**

The PCW3000-Li features a remarkable pulling capacity of 1,000 kg. Moreover, it does not require any maintenance, which makes it a great alternative to gas-powered winches.

Whatever situation your off-road vehicle gets in, you will be able to get out of trouble. The 10 mm x 50 m rope will help in making it easy to retrieve. The single pulley will be useful to double the pulling force when needed. Combined with the 1,000-kg power offered by the winch, you will obtain 2,000 kg of power!

The kit also includes the winch anchor plate for towing balls which allows you to use your off-road vehicle as an anchor point. Also included is the transport bag to carry your winch, rope and accessories.



*Note: Battery and charger not included. One (1) 60 mm x 2 m polyester anchor sling is included with the winch.*

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PCW3000-Li



**MOST POPULAR  
CHOICE**

PCA-1275

PCA-1205M

PCA-0106

Battery and charger not included

**80/82 VOLT**  
82V MAX

PCA-1260

PCA-1276

## PCW3000-Li-GK

- 1x PCW3000-Li  
BATTERY-POWERED PULLING WINCH 80/82 V
- 1x PCA-0106  
TRANSPORT BAG
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1260  
POLYESTER SLING
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY

**Small jobs are never over around a home or a cottage! This winch is powered by a battery motor, which requires no maintenance and is always ready to be put at work.**

Whether it is for felling a tree, removing stumps, stretching fences or getting your boat or dock out, you'll be equipped to work!

In addition to the PCW3000-Li battery-powered winch that features an outstanding pulling capacity, this kit includes a 50-metre polyester rope, two carabiners, a polyester sling and a useful transport bag to easily store or carry your equipment between your work sites. The single pulley will be useful to double the pulling force when the time comes. Combined with the 1,000-kg power offered by the winch, you will obtain 2,000 kg of power!

A useful kit around your property!



*Note: Battery and charger not included. One (1) 60 mm x 2 m polyester anchor sling is included with the winch.*



PCW5000

PCA-1215M

PCA-1274

PCA-1255

PCA-0100

PCA-1260

PCA-1276



## PCW5000-GK

- 1x PCW5000  
GAS-POWERED PULLING WINCH GXH50
- 1x PCA-1274  
SINGLE SWING SIDE PULLEY
- 1x PCA-0100  
TRANSPORT CASE
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1260  
POLYESTER SLING
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1215M  
ROPE 12 MM X 50 M

**Jobs around your property are common and may require all the power develop from the 50 cc engine. The PCW5000-GK kit holds an incredible value.**

No matter what task you assign it to, the gas-powered PCW5000 will fulfill it with its large 1,000-kg pulling capacity in a single pulling line. Whether it is for cutting down a tree, removing stumps, stretching fences, pulling a boat or dock out of the water, you will never wonder if it will do the job!

In addition to the winch, this kit contains a 50-metre polyester rope and its storage bag, two carabiners, a polyester sling and a robust case to easily store or carry your equipment between locations. The single pulley will be useful to double the pulling force when needed. Combined with the 1,000-kg power offered by the winch, you will obtain 2,000 kg of power!

A kit offering power and reliability!



*Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.*

PCW4000

PCA-0106

PCA-1255

PCA-1205M

PCA-1260

PCA-1276

PCA-1275



## PCW4000-GK

- 1x PCW4000  
GAS-POWERED PULLING WINCH GX50
- 1x PCA-0106  
TRANSPORT BAG
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1260  
POLYESTER SLING

**Work around your property is never finished and requires the full power of the 50cc motor with 360° tilt; the PCW4000-GK kit is a smart choice.**

No matter what the job, this PCW4000 winch will do it all with its 1,000 kg single line pulling capacity. Whether you need to cut down a tree, remove stumps, pull out a fence, pull a boat or a dock out of the water, you'll never have to wonder if it will do the job!

In addition to the winch, this kit includes a polyester rope and its storage bag, two carabiners, a polyester sling and a carrying bag to easily store or transport your set. The single pulley will be useful to double the pulling force when the time comes. Combined with the 1,000 kg power offered by the PCW4000, you will obtain 2,000 kg of strength!

A complete kit offering peace of mind!



Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.



PCW3000

PCA-1275

PCA-0106

PCA-1205M

PCA-1276

PCA-1260



## PCW3000-GK

- 1x PCW3000  
GAS-POWERED PULLING WINCH GX35
- 1x PCA-0106  
TRANSPORT BAG
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1260  
POLYESTER SLING
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY

Homeowners and cottage owners, the PCW3000-GK kit was elaborated to satisfy the dedicated worker inside that takes pride of a job well done.

Appreciated for its compact size and its 700-kg pulling capacity, the all-position PCW3000 with gets the job done. Whether it is for cutting down a tree, removing stumps, stretching fences or getting your boat or dock out, you'll always be satisfied!

In addition to the winch, this kit includes a 50-metre polyester rope, two carabiners, a polyester sling, and a useful transport bag that easily stores and carries your equipment from one place to another. The single pulley will be useful to double the pulling force when the time comes. Combined with the 700-kg power offered by the winch, you will obtain 1,400 kg of power!



Note: One (1) 60 mm x 2 m polyester anchor sling is included with the winch.













## **LINE OF ACCESSORIES**

Regardless of how or where you use your winch, we have the necessary and adapted accessories. You can then get the most out of it, no matter the situation!

From ropes to carabiners, including pulleys and anchoring systems, everything was designed to facilitate and optimize your work.

The accessories are organized into categories to ease your search.





# POLYESTER DOUBLE BRAIDED ROPES

## LINE OF ACCESSORIES

For best performance, always use Portable Winch Co. ropes with your winch.

Double braided polyester rope (DBP): the double-braided construction makes it durable and features low stretch for increased safety. The low cost and resistance to abrasion make it a good choice for using with our capstan winches, where it is subject to friction and intense heat.

For pulling, the usual rope end is a bowline knot. It will always remain easy to undo in the case you want to change the hook at the end of the rope.



### Splices with galvanized steel thimbles are available on some ropes.

They provide protection against wear caused by carabiners, shackles and hooks installed at the end of the rope. In addition, a splice keeps nearly 100% of the rope's capacity, unlike a knot, which reduces its capacity by at least 30%.

Splices at both ends of the rope also allow it to be flipped over from time to time so it wears out evenly on its entire length. Highly recommended for all lifting operations.



POLYESTER DOUBLE BRAIDED ROPES - 10 MM - MINIMUM BREAKING STRENGTH 2,200 KG		WEIGHT	COMPATIBILITY
PCA-1205M	10 MM X 50 M	3.5 KG	PCW3000 PCW3000-Li PCW4000 PCW5000-HS
PCA-1203M	10 MM X 100 M	7 KG	
PCA-1206M	10 MM X 200 M	14 KG	
PCA-1203M2ESC	10 MM X 100 M WITH TWO EYE SPLICES AND THIMBLES	7 KG	
POLYESTER DOUBLE BRAIDED ROPES - 12 MM - MINIMUM BREAKING STRENGTH 3,300 KG			
PCA-1215M	12 MM X 50 M	5.5 KG	PCW5000 PCW5000-HS
PCA-1213M	12 MM X 100 M	11 KG	
PCA-1216M	12 MM X 200 M	22 KG	
PCA-1218M	12 MM X 300 M	33 KG	
PCA-1213M2ESC	12 MM X 100 M WITH TWO EYE SPLICES AND THIMBLES	11 KG	PCH1000 PCH2000 PCT1800
PCA-1216M2ESC	12 MM X 200 M WITH TWO EYE SPLICES AND THIMBLES	22 KG	
PCA-1218M2ESC	12 MM X 300 M WITH TWO EYE SPLICES AND THIMBLES	33 KG	

These rope bags are handy for storing and carrying your rope and small accessories. These bags prevent the rope from tangling up since you push it inside instead of wrapping it around your arm or a spool. Model PCA-0103 is especially designed to be attached to the Molded Pack Frame (PCA-0104). The other models of bags are designed to be carried by hand or directly on the back.

## A COOL TIP:

Attach a carabiner to your belt loop and pass the rope through it to quickly push it to the bottom of your bag!



ROPE BAGS		WEIGHT AND DIMENSIONS
<b>A</b>	<b>PCA-0103</b>  ROPE BAG – FOR PCA-0104 PACK FRAME <i>Resistant vinyl</i>  <b>CAPACITY:</b> 10 MM = 50 M 12 MM = N/A	400 G Ø 30 CM Height : 36 CM Volume : 12 L
<b>B</b>	<b>PCA-1255</b>  ROPE BAG – SMALL <i>Durable nylon</i>  <b>CAPACITY:</b> 10 MM = 100 M 12 MM = 50 M	500 G Ø 28 CM Height : 36 CM Volume : 22 L
<b>C</b>	<b>PCA-1256</b>  ROPE BAG – MEDIUM (WITH SHOULDER STRAPS) <i>Durable nylon</i>  <b>CAPACITY:</b> 10 MM = 200 M 12 MM = 100 M	900 G Ø 30 CM Height : 64 CM Volume : 45 L
<b>D</b>	<b>PCA-1257XL</b>  ROPE BAG – EXTRA LARGE <i>Durable nylon with rigid bottom</i>  <b>CAPACITY:</b> 10 MM = 400 M 12 MM = 200 M	1.10 KG Ø 37 CM Height : 60 CM Volume : 65 L





## PCA-0100

### TRANSPORT CASE WITH MOLDED LOCATIONS FOR PCW5000 AND PCW5000-HS

*This transport case with molded locations is specially designed for winches PCW5000 and PCW5000-HS.*

*Made of high-performance plastic, its molded shapes secure the winch and several accessories. It has four (4) elastic rubber fasteners that firmly hold the cover. The cover opens by releasing two fasteners; the other two serve as hinges. The cover can also be removed completely and even used under the winch when working in snow or mud. Two handles molded into the box make it easier to move.*

*In addition to protecting your winch from shocks and bad weather, the box PCA-0100 allows you to keep all your valuable accessories such as pulleys, hooks, carabiners, anchorings and slings in one place.*

**Material :** High performance polymer plastic

**Weight :** 6.65 kg

**Dimensions :** 64 cm x 55 cm x 38 cm



## PCA-0102

### TRANSPORT CASE WITH MOLDED LOCATION FOR PCW3000

*This transport case with molded location is especially designed to accommodate the winch PCW3000. Carry and store your winch safely in this durable and robust box made of high-performance plastic!*

*Being equipped with a strap on each side, you can easily attach it to your ATV (QUAD), side-by-side, snowmobile, rowboat or other vehicle. It is also meant to be attached to the PCA-0104 Molded Pack Frame in order to easily carry your winch when you are out and about.*

**Material :** High performance polymer plastic

**Weight :** 3.9 kg

**Dimensions :** 47 cm x 33 cm x 31 cm



## PCA-0106

### TRANSPORT BAG WITH COMPARTMENTS

*Built with padded walls to protect your equipment, the PCA-0106 wonderfully fits your PCW3000-Li, PCW3000 or PCW4000 – as well as your accessories.*

*One of the two (2) side compartments can fit a 10 mm x 50 m rope while the other one can hold two batteries and a charger, or other accessories of your choice. The front pockets are perfectly sized to slip pulleys and carabiners in, whereas the main compartment comfortably lodges your 3000 series winch and slings.*

*Therefore, a complete kit can easily be carried thanks to its robust handles and its shoulder strap. The bag can also be found appropriate for many other uses.*

**Material :** Cordura Nylon, rigid bottom, cushioned main compartment

**Weight :** 1.35 kg

**Dimensions :** 57 cm x 33 cm x 32 cm



## PCA-0104

### MOLDED PACK FRAME FOR TRANSPORT CASE PCA-0102

Designed to fit the transport case PCA-0102 in combination with the vinyl rope bag PCA-0103. Made of sturdy polymer, this ergonomic molded pack frame features padded shoulder straps and belt, all of which provide ultimate comfort. When used with the case PCA-0102 and bag PCA-0103, you can carry the PCW3000 capstan winch, along with a 10 mm x 50 m rope and a few small accessories.

**Matériel :** High performance polymer plastic

**Weight :** 1.4 kg

**Dimensions :** 52 cm x 46 cm x 10 cm

+



PCA-0102

+



PCA-0103

=





CARRYING EQUIPMENT		WEIGHT AND DIMENSIONS	COMPATIBILITY
PCA-0102	TRANSPORT CASE WITH MOLDED LOCATIONS FOR PCW3000	3.9 KG Length : 47 CM Width : 33 CM Height : 31 CM	PCW3000
PCA-0104	MOLDED PACK FRAME FOR CARRYING THE PCW3000	1.4 KG Length : 52 CM Width : 46 CM Height : 10 CM	PCW3000
PCA-0106	TRANSPORT BAG WITH COMPARTMENTS	1.35 KG Length : 57 CM Width : 33 CM Height : 32 CM	PCW3000, PCW3000-Li, PCW4000
PCA-0100	TRANSPORT CASE WITH MOLDED LOCATIONS FOR PCW5000 AND PCW5000-HS	6.65 KG Length : 64 CM Width : 55 CM Height : 38 CM	PCW5000, PCW5000-HS



Pelican brand cases are reknown worldwide for their robustness and waterproofness. They are also shock-proof and dustproof. A valve balances the air pressure inside cases and prevents water from entering. Their cover is equipped with latches and an O-ring. Two large folding handles allow them to be handled by one or two people. They are supplied with Pick N Pluck™ foam blocks that you can customize according to your needs.

All Pelican cases have a lifetime **guarantee of excellence!**  
Protection Class: IP67



WATERPROOF WINCH CASES		WEIGHT AND DIMENSIONS	COMPATIBILITY
	<b>PCA-0340</b> WATERPROOF WINCH TRANSPORT CASE WITH REMOVABLE CASTERS <i>High performance polymer plastic.</i>	14.8 KG Length : 58 CM Width : 58 CM Height : 56 CM	PCW5000, PCW5000-HS, PCH1000
	<b>PCA-1630</b> WHEELED WATERPROOF WINCH TRANSPORT CASE <i>High performance polymer plastic.</i>	15.7 KG Length : 79 CM Width : 63 CM Height : 44 CM	PCW5000, PCW5000-HS, PCH1000, PCH2000, PCT1800

# STAINLESS STEEL PULLEYS

## LINE OF ACCESSORIES

Here are some excellent, robust and durable pulleys

The steel pulleys are manufactured with stainless steel side plates and aluminium sheaves (wheels with gouges). The swing side plates eliminate the need to thread the rope and therefore, allow it to be installed very quickly. In addition, they prevent the rope from getting out once they are closed.

The pulley shaft is made of stainless steel and an oil impregnated bronze bearing ensures a flawless operation and an efficiency of 98%, all without maintenance.

Their Minimum Breaking Strengths range from 60 kN to 135 kN. Use a carabiner to attach these pulleys to a polyester sling.



STAINLESS STEEL PULLEYS			WEIGHT AND DIMENSIONS	COMPATIBILITY
<b>A</b>	<b>PCA-1275</b>	STAINLESS STEEL SINGLE SWING SIDE SNATCH BLOCK WITH ALUMINIUM SHEAVE <i>Minimum Breaking Strength : 60 kN (6,125 KG)</i>	600 G Ø 76 MM Length : 150 MM Width : 80 MM Height : 30 MM	ROPE 10 MM
<b>B</b>	<b>PCA-1274</b>	STAINLESS STEEL SINGLE SWING SIDE SNATCH BLOCK WITH ALUMINIUM SHEAVE <i>Minimum Breaking Strength : 90 kN (9,185 KG)</i>	1.1 KG Ø 100 MM Length : 196 MM Width : 105 MM Height : 53 MM	10 TO 13 MM ROPE
<b>C</b>	<b>PCA-1283</b>	STAINLESS STEEL DOUBLE SWING SIDE SNATCH BLOCK WITH ALUMINIUM SHEAVES <i>Minimum Breaking Strength : 90 kN (9,185 KG)</i>	1 KG Ø 76 MM Length : 183 MM Width : 80 MM Height : 49 MM	ROPE 10 MM
<b>D</b>	<b>PCA-1273</b>	STAINLESS STEEL DOUBLE SWING SIDE SNATCH BLOCK WITH ALUMINIUM SHEAVES <i>Minimum Breaking Strength : 135 kN (13,775 KG)</i>	1.85 KG Ø 100 MM Length : 230 MM Width : 105 MM Height : 80 MM	10 TO 13 MM ROPE



## SPECIALIZED PULLEYS

## LINE OF ACCESSORIES

The ISC brand specialized pulleys are made of aluminium and are therefore lighter. They have a diameter of 62 mm or 63 mm and a Minimum Breaking Strength of 40 kN or 50 kN.

The two models of self-locking pulleys (A, B) are available for users seeking to hold a load in position. These are also popular in lifting. They are also very useful in forestry, hunting or for industrial applications.

They feature a cam brake system that allows the rope to pass freely in one direction and is blocked in the other. The cam is held by a spring and can be disengaged by pulling a cord.

The aluminium pulleys are mounted on a stainless steel shaft and a self-lubricating bearing. The swing side plates are also made of anodized aluminium. Self-locking pulleys can also be used as standard pulleys; simply block the cam in the open position using the pin provided.



SPECIALIZED PULLEYS			WEIGHT AND DIMENSIONS	COMPATIBILITY
<b>A</b>	<b>PCA-1271</b>	ALUMINIUM SINGLE SWING SIDE SELF-LOCKING PULLEY <i>Minimum Breaking Strength : 40 kN (4,079 KG)</i>	700 G Ø 62 MM Length : 230 MM Width : 105 MM Height : 80 MM	10 TO 13 MM ROPE
<b>B</b>	<b>PCA-1272</b>	ALUMINIUM DOUBLE SWING SIDE SELF-LOCKING PULLEY <i>Minimum Breaking Strength : 40 kN (4,079 KG)</i>	900 G Ø 62 MM Length : 220 MM Width : 85 MM Height : 65 MM	10 TO 13 MM ROPE
<b>C</b>	<b>PCA-1292</b>	ALUMINIUM SINGLE SWING SIDE PULLEY <i>Minimum Breaking Strength : 50 kN (6,000 KG)</i>	300 G Ø 63 MM Length : 130 MM Width : 90 MM Height : 40 MM	10 TO 13 MM ROPE

## CARABINERS

Multi-purpose carabiners made of zinc-plated steel and high-quality anodized aluminium with screw gate lock.

Useful for attaching:

- A pulley to a tree or to a load;

## LINE OF ACCESSORIES

- A polyester sling to a vehicle or two slings together;
- A hook to a rope;
- Or any other applications according to your needs.



A

CE



B

CE



C

CE

### CARABINERS

			WEIGHT AND DIMENSIONS
A	PCA-1276	STEEL LOCKING CARABINER - Opening : 17 MM Minimum Breaking Strength : 25 kN (2,550 KG)	200 G Dimensions : 58 MM x 107 MM - Ø 10 MM
B	PCA-1702	STEEL LOCKING CARABINER - Opening : 20,5 MM Minimum Breaking Strength : 50 kN (5,100 KG)	250 G Dimensions : 115 MM x 69 MM - Ø 12 MM
C	PCA-1701	STEEL LOCKING CARABINER - Opening : 29 MM Minimum Breaking Strength : 70 kN (7,140 KG)	300 G Dimensions : 125 MM x 73 MM - Ø 12.5 MM

## HOOKS

Various hooks for various uses.

The **PCA-1281** is an all-purpose hook with a safety latch that prevents the anchored object or the load from sliding out of the hook. This is the hook installed on all our winches.

The **PCA-1282** is designed to be used with our choker chain (PCA-1295) or our rope choker (PCA-1372). Its latch prevents the slings from slipping out of the hook when there is no tension on the rope. The 10-mm opening will accept chains from 6 mm to 8 mm. It features three 8-mm chain links to easily link it to a rope of up to 13-mm diameter or to a carabiner. Attach it to the end of the rope using the bowline knot, which can easily be undone after use and which will keep up to 70% of the rope's capacity.

With the **PCA-1299**, you can easily transform an existing chain into a high-performance choker chain. An easy and safe process. Suitable for chains from 6 mm to 8 mm.



A



B



C

### HOOKS

			WEIGHT AND DIMENSIONS
A	PCA-1281	SAFETY HOOK WITH LATCH Minimum Breaking Strength : 29.5 kN (3,000 KG)	200 G Dimensions : 110 MM x 64 MM x 18 MM
B	PCA-1282	GRAB HOOK WITH LATCH AND 3 CHAIN LINKS Minimum Breaking Strength : 56 kN (5,700 KG)	550 G - Ø 8 MM (chain link) Dimensions : 180 MM x 72 MM x 30 MM
C	PCA-1299	C-HOOK Minimum Breaking Strength : 56 kN (5,700 KG)	450 G Dimensions : 100 MM x 80 MM x 25 MM



As our winches are portable, they can be anchored anywhere!

As you will notice in this section, Portable Winch Co. has developed different modular anchoring devices that allow a wide variety of fixed objects to be used as anchor points. Whether it is a cylindrical object (tree, pole, etc.), a vehicle, a pylon, and even a floor, all can be used as an anchor point for your winch, using the right equipment especially designed for this purpose.

The chart of anchorings for winches (see next page) shows you which accessories or combinations of accessories are suitable based on different anchor points.



## ON CYLINDRICAL OBJECT

The easiest way is to use the 2-metre sling provided with each winch.

Attach the sling to one of the winch's hooks, wrap the sling around your anchor point and insert its other end into the second hook.

There are 2.5 and 3-metre slings for larger trees or poles. Other anchoring systems will give you more stability and a more comfortable work position.

The PCA-1269 is designed to be as light as possible, while the PCA-1263 offers several possibilities in combination with the PCA-1268, PCA-1332, PCA-1264 or PCA-2264 for instance.

Furthermore, the PCA-1263 will not damage the tree or pole on which it is anchored thanks to its rubber pads.



## ON A VEHICLE

We offer anchoring systems that are suitable for North American and European tow hitch, and tow balls.

The anchor plate PCA-1261 is excellent for light works, but its use is not recommended for industrial applications.

For an intensive use, it is preferable to use square tubes (PCA-1267 or PCA-1501) in North America, or the Heck-Pack system (PCA-1266) in Europe, in combination with other accessories.



## ON A PYLON

The pylon-mount winch anchor (PCA-1806) is designed to be firmly secured on the 90° "V" shaped steel angles that are commonly used in the construction of pylons and telecommunication towers.

It will then be combined with other accessories depending on the application.



## ON THE GROUND

The floor-mount anchor (PCA-1805) is perfect for pulling electrical wiring through pipes and/or to an electrical panel where other anchor points are not available. Simply anchor it to the ground so that it is well aligned with the load.

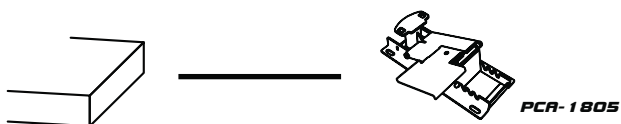
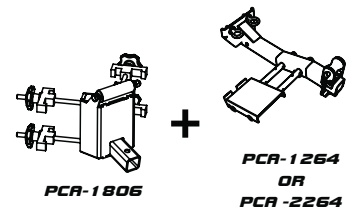
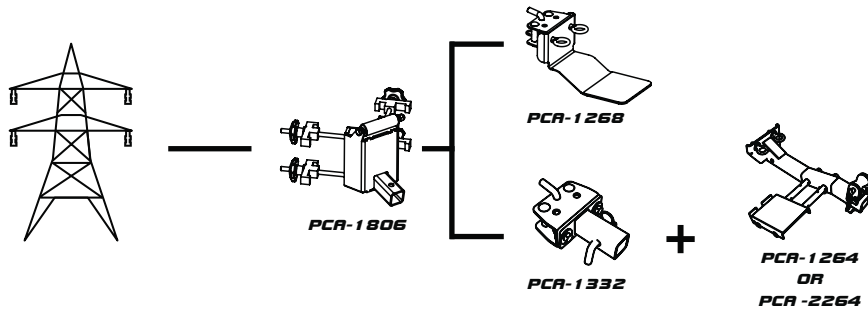
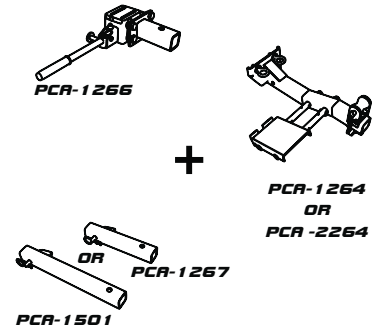
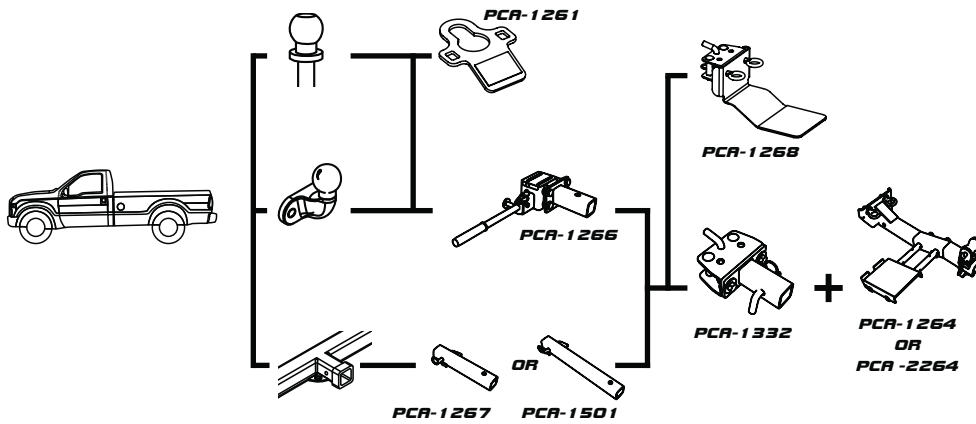
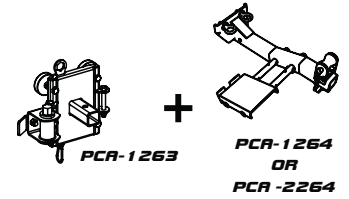
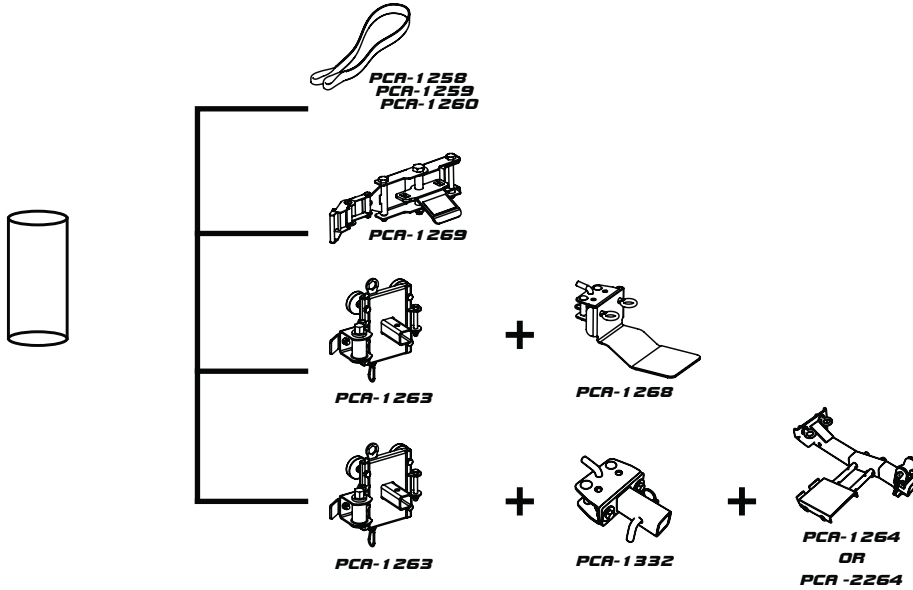
# CHART OF ANCHORINGS

## LINE OF ACCESSORIES

### ANCHORING POINT

### HORIZONTAL PULL

### VERTICAL PULL







## PCA-1260<sup>(1)</sup> / PCA-1259<sup>(2)</sup> / PCA-1258<sup>(3)</sup>

### POLYESTER SLINGS

Our polyester slings can be used for many things:

- To attach our winches to an anchor point; in this case, it will be used in basket type configuration «U»;
- To attach a pulley to a tree or pole, then, it will be used in choker configuration;
- To pull a vehicle with another vehicle. Here, you will use it in a straight line.
- And even more!

(1) 60 MM x 2 M - 800 gr

(2) 60 MM x 2,5 M - 900 gr

(3) 60 MM x 3 M - 1.10 kg

Working Load Limit (WLL)

Straight line : 2,000 KG

Basket «U» : 4,000 KG

Choker : 1,600 KG

For all winches.

*See fig. 1*



## PCA-1261

### ANCHOR PLATE FOR TOWING BALLS

This plate fits on tow balls up to 58.7 mm (2-5/16") in diameter and turns any vehicle into an anchor point for your winch.

Attach the winch's hooks to the plate and simply insert it onto the tow ball.

**Material :** Zinc plated steel

**Weight :** 700 g

**Dimensions :** 20 cm x 15 cm x 4 cm

For winches PCW3000-Li, PCW3000, PCW4000, PCW5000, PCW5000-HS.

*See fig. 8*



## PCA-1269

### TREE-MOUNT WINCH ANCHORING SYSTEM

It is easy to install by firmly tightening the belt using the ratchet mechanism. The winch can then be positioned at a comfortable height for work, by inserting its hooks into the square openings of the swivel plate. It will align with the load automatically!

**Material :** Zinc plated steel

**Weight :** 3.65 kg

**Dimensions :** 49 cm x 17 cm x 14 cm

**Strap :** 50 mm x 3 m long

For winches PCW3000-Li, PCW3000, PCW4000, PCW5000, PCW5000-HS.

*See fig. 2*



## PCA-1263

### TREE-MOUNT WINCH ANCHORING SYSTEM WITH RUBBER PADS

This anchoring system makes it possible to securely mount the winch to a tree or pole, allowing you to work at a more comfortable height and thus facilitate prolonged use from a fixed point. It is the basis of different combinations of accessories. It has four rubber pads that prevent it from slipping on the pole and protect the bark of trees. Included is a 3-metre sling and a ratchet system with key to securely anchor it.

It can not be used alone; it must be combined with other accessories.

For instance, when paired with certain accessories, it will permit horizontal pulling. In such case, the winch will face the load and the rope will be in a direct line towards the winch.

**See fig. 3, 4, 5**

Whereas when combined with other accessories it will be used for vertical pulling. In these cases, the winch will face the anchor point and the rope will come from the top to the winch.

**See fig. 6, 7**

For all winches.

**Material :** Steel with high resistance paint

**Weight :** 7.2 kg

**Dimensions :** 37 cm x 26 cm x 22 cm



## PCA-1266

### HECK-PACK ANCHORING SYSTEM WITH ADAPTOR FOR 50-MM TOWING BALLS

Especially designed for European vehicles, this anchoring system firmly tightens to 50-mm towing balls and provides a strong and quick anchor point for winches, thanks to its bolted adapter (supplied).

It can not be used alone; it must be combined with other accessories.

For instance, when paired with certain accessories, it will permit horizontal pulling. In such case, the winch will face the load and the rope will be in a direct line towards the winch.

**See fig. 14, 15, 16**

Whereas when combined with other accessories it will be used for vertical pulling. In these cases, the winch will face the anchor point and the rope will come from the top to the winch.

**See fig. 17, 18**

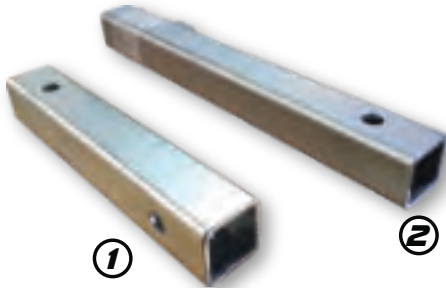
For all winches.

**Material :** Steel with high resistance paint (Heck-Pack) and Zinc plated steel (adaptor)

**Weight :** 4.35 kg

**Dimensions :** 44 cm x 24 cm x 8 cm





## PCA-1267<sup>(1)</sup> / PCA-1501<sup>(2)</sup>

### HITCH SQUARE TUBINGS

Specially designed for North American vehicles, the 50.8 mm (2") square tube fits snugly on all Category III towing attachments. It allows to firmly install the winch to a vehicle. It also includes a 12 mm (1/2") bent pin and an 'R' tie. It is the basis of different combinations of accessories. It can not be used alone; it must be combined with different accessories to use it.

For instance, when paired with certain accessories, it will permit horizontal pulling. In such case, the winch will face the load and the rope will be in a direct line towards the winch.

**See fig. 9, 10, 11**

Whereas when combined with other accessories it will be used for vertical pulling. In these cases, the winch will face the anchor point and the rope will come from the top to the winch.

**See fig. 12, 13**

For all winches.

**Material :** Zinc plated steel

**Weight :** (1) 2.1 kg  
(2) 3 kg

**Dimensions :** (1) □ 50.8 mm x 30.5 cm  
(2) □ 50.8 mm x 45.7 cm



## PCA-1806

### PYLON MOUNT WINCH ANCHOR

The pylon mount anchor system is designed to fit different winch models directly to the main frame of a 90° V-shaped pylon. It is the basis of different combinations of accessories. It is easily installed by one person thanks to the integrated magnets at the back of the support that keep it in place during the installation. Four reversible aluminum anchor hooks, with slots of three (3) different widths, hold onto most 10 cm to 30 cm steel angles - single or double thickness. These hooks are tight in place by hand. Thanks to the four-star handles, no tools are needed for installation.

It can not be used alone; it must be combined with different accessories to use it.

For instance, when paired with certain accessories, it will permit horizontal pulling. In such case, the winch will face the load and the rope will be in a direct line towards the winch.

**See fig. 19, 20, 21**

Whereas when combined with other accessories it will be used for vertical pulling. In these cases, the winch will face the anchor point and the rope will come from the top to the winch.

**See fig. 22, 23**

For all winches.

**Material :** Steel with high resistance paint

**Weight :** 7.3 kg

**Dimensions :** 46 cm x 34 cm x 26 cm



## PCA-1805

### FLOOR-MOUNT WINCH ANCHORING SYSTEM

The floor-mount anchoring system (PCA-1805) is perfect for pulling electrical wiring through pipes and/or to an electrical panel where other anchor points are not available. You can adjust the pull angle according to the distance and height of the pipes or electrical panel (4 different angles). To use it, you must anchor it to the floor (anchoring hardware not included) so that the support is properly aligned with the load to be pulled.

**See fig. 24**

For all winches.

**Material :** Zinc plated steel

**Weight :** 9 kg

**Dimensions :** 51 cm x 35 cm x 18 cm



## PCA-1268

### WINCH SUPPORT PLATE

This winch support plate is ideal for anchoring a winch to a tree, pole, vehicle or pylon when paired with one of our anchoring systems. It keeps the winch stable and facilitates prolonged use from a fixed point. It swivels 45 degrees on each side and provides a solid support that automatically aligns with the load. A rubber padding absorbs vibrations. It can not be used alone; it must be used in combination with other accessories.

For instance, when paired with certain accessories, it will permit horizontal pulling. In such case, the winch will face the load and the rope will be in a direct line towards the winch.

**See fig. 3, 9, 14, 19**

For winches PCW3000-Li, PCW3000, PCW4000, PCW5000, PCW5000-HS.

**Material :** Zinc plated steel

**Weight :** 4.15 kg

**Dimensions :** 44 cm x 27 cm x 14 cm



## PCA-1332

### PIVOTING ANCHOR FOR VERTICAL PULL WINCH SUPPORTS

In certain situations, the winch supports for vertical pulling PCA-1264 and PCA-2264 can also be used for horizontal pull. This pivoting anchor then acts as the link between the vertical pull support and the anchoring systems. It ensures that the winch is always aligned with the load.

It can not be used alone; it must be combined with other accessories in order to be used.

For instance, when paired with certain accessories, it will permit horizontal pulling. In such case, the winch will face the load and the rope will be in a direct line towards the winch.

**See fig. 4, 5, 10, 11, 15, 16, 20, 21**

For all winches.

**Material :** Zinc plated steel

**Weight :** 2.95 kg

**Dimensions :** 21 cm x 15 cm x 9 cm



(1)



## PCA-1264<sup>(1)</sup> / PCA-2264<sup>(2)</sup>

### WINCH SUPPORTS FOR VERTICAL PULLING

These winch supports are specifically designed for vertical pulling. Equipped with an adjustable shelf, they offer a solid and stable support allowing to properly sit the winch.

They also feature a removable V-shaped pulley mounted on ball bearings, providing optimal rotation. This pulley redirects the rope vertically with an angle in order to reach sections of towers or pylons away from the center. To install the rope, simply remove the "T" handle and the pulley, thread the rope and put the handle and pulley back in position.

Note that these supports can also be used for horizontal pulling; **in this case, the V-shaped pulley will not be used.**

In all cases, they can not be used alone; they must be combined with other accessories in order to be used.

(2)



For instance, when paired with certain accessories, they will permit horizontal pulling. In such case, the winch will face the load and the rope will be in a direct line towards the winch.

PCA-1264 : **See fig. 4, 10, 15, 20**

PCA-2264 : **See fig. 5, 11, 16, 21**

Whereas when combined with other accessories they will be used for vertical pulling. In these cases, the winch will face the anchor point and the rope will come from the top to the winch.

PCA-1264 : **See fig. 6, 12, 17, 22**

PCA-2264 : **See fig. 7, 13, 18, 23**

PCA-1264 : For winches PCW3000-Li, PCW3000, PCW5000, PCW5000-HS, PCH1000, PCT1800

PCA-2264 : For winches PCW4000 and PCH2000

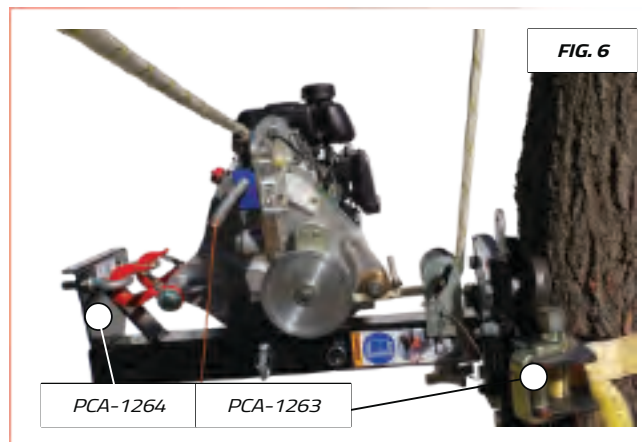
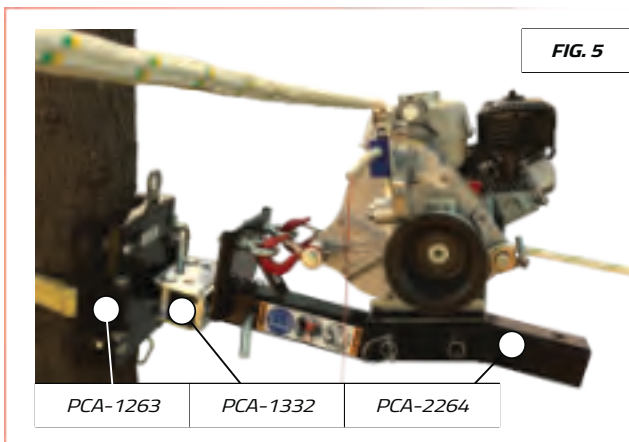
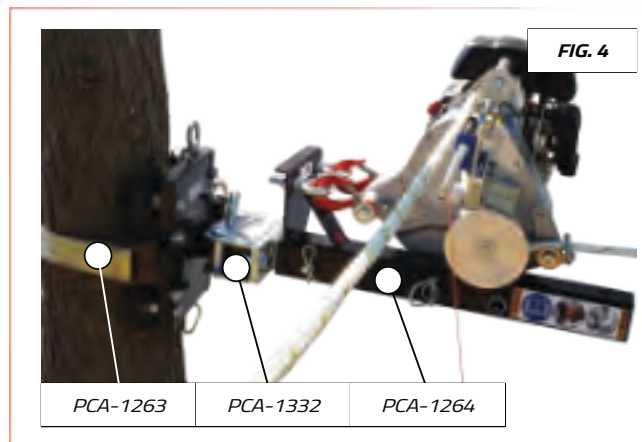
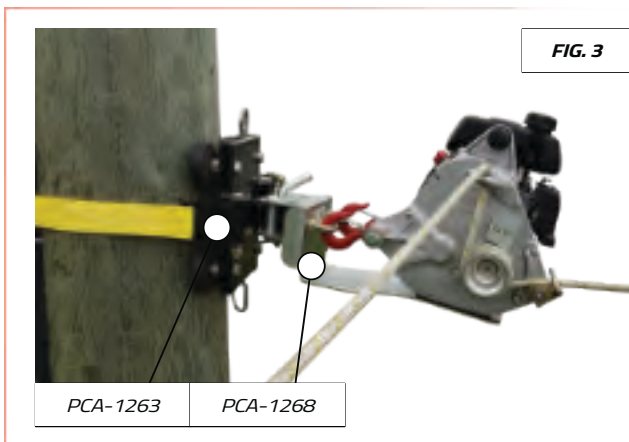
**Material :** Steel with high resistance paint

**Weight :** (1) 10.6 kg

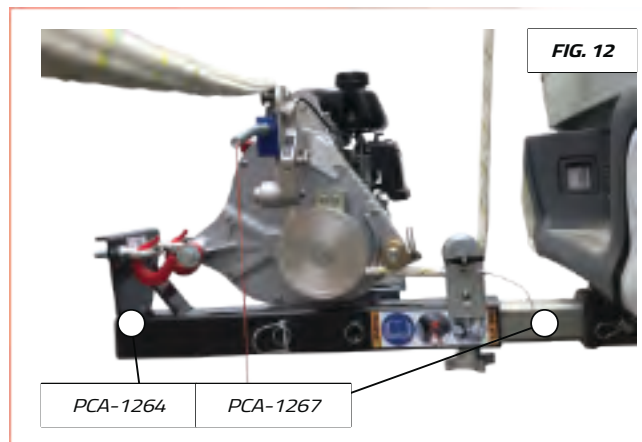
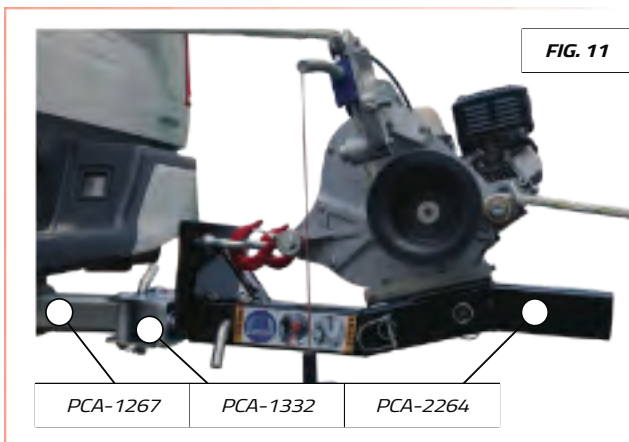
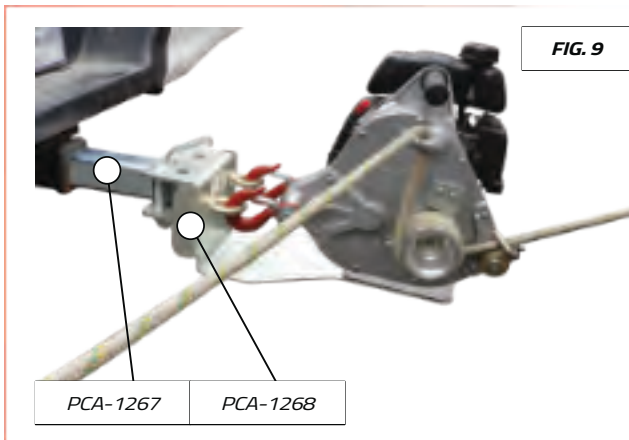
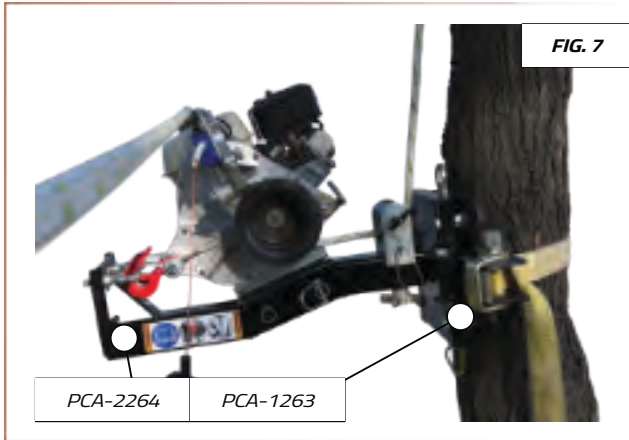
(2) 11.5 kg

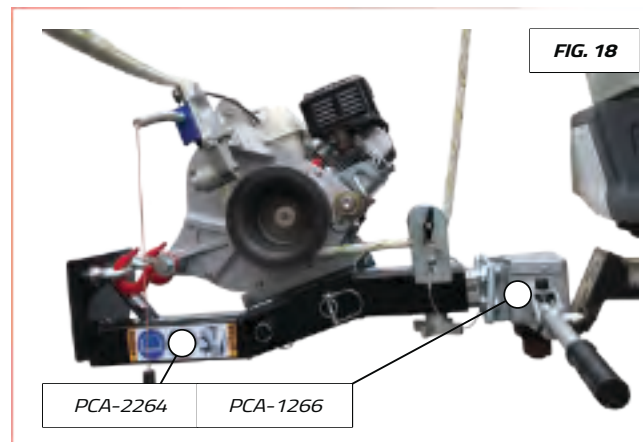
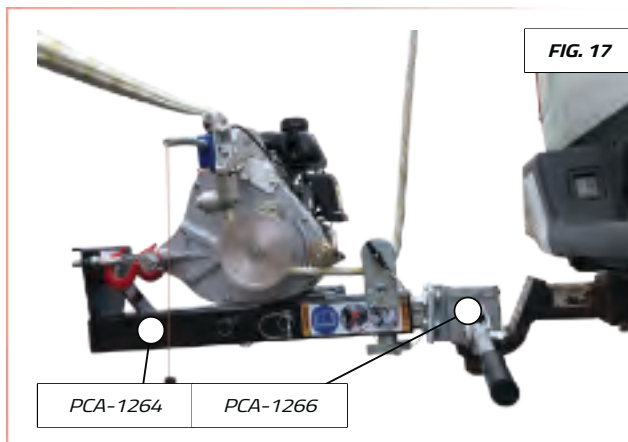
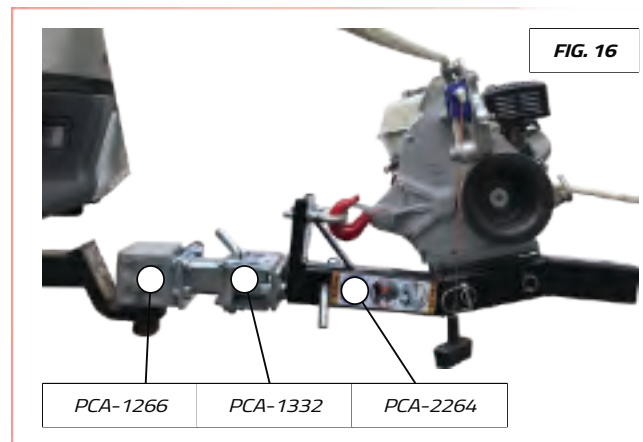
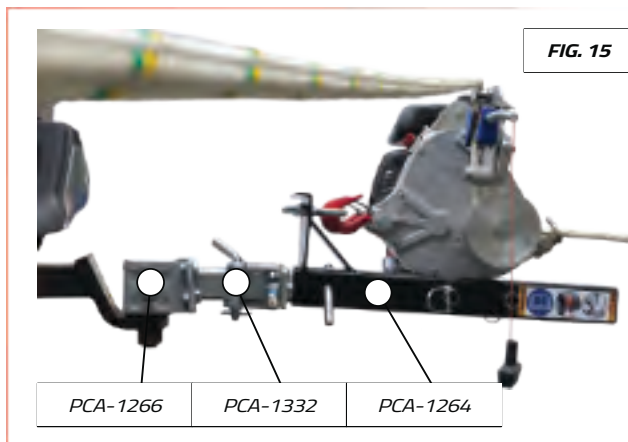
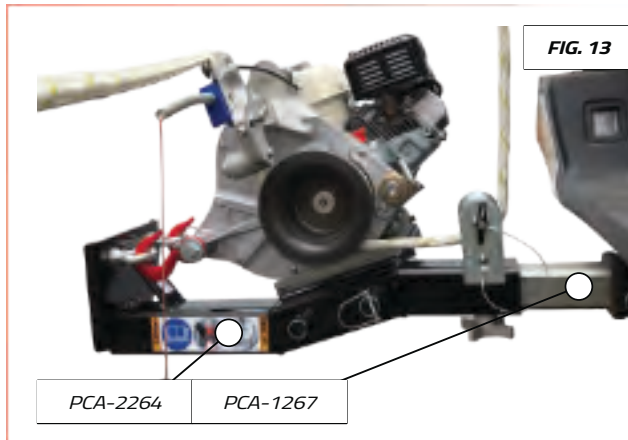
**Dimensions :** (1) Lg 579 mm x L 429 mm x H 219 mm

(2) Lg 592 mm x L 429 mm x H 206 mm

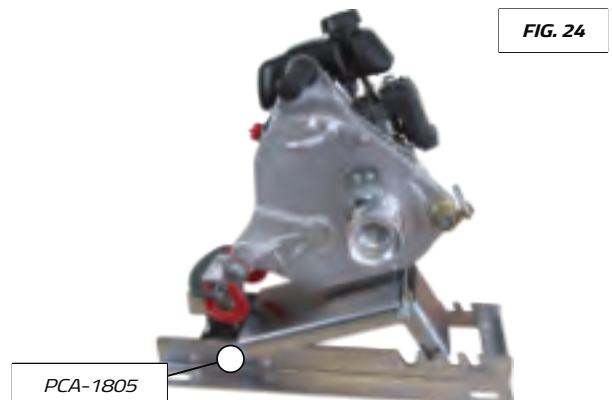
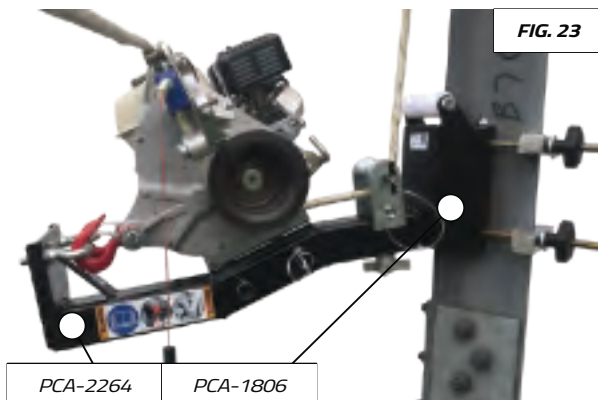
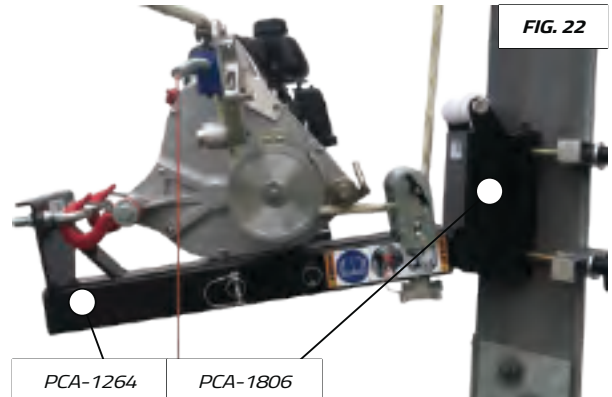
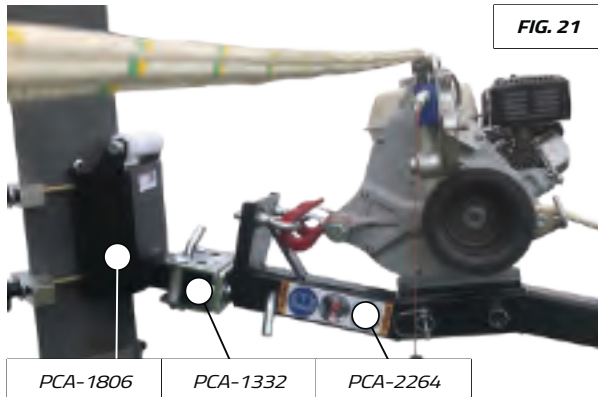
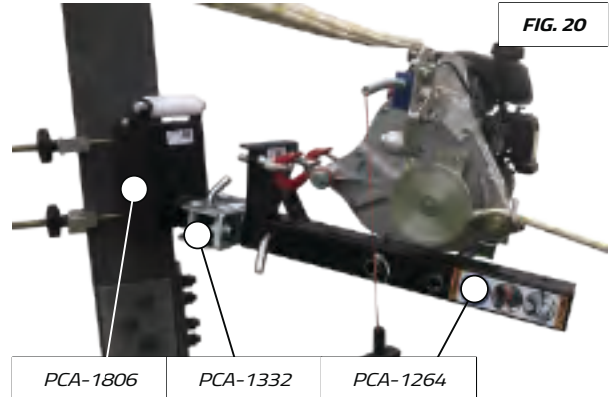
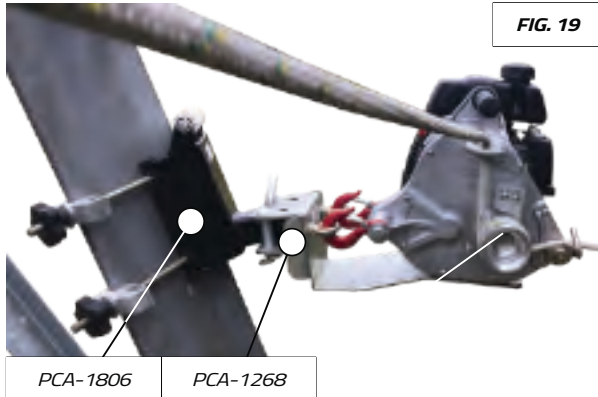












Capstan drums can be replaced on winches when worn out or in order to increase either the speed or the capacity of the winch. All models are supplied with their corresponding rope guide.

Refer to the chart below to know the performance obtained with these drums.



	CAPSTAN DRUMS WITH ROPE GUIDE AND SCREWS	WEIGHT AND DIMENSIONS	COMPATIBILITY
<b>(A)</b>	PCA-1110	350 G - Ø 57 MM	PCW5000, PCW5000-HS, PCH1000, PCT1800
<b>(B)</b>	PCA-1120	550 G - Ø 76 MM	PCW3000, PCW3000-Li, PCW4000
<b>(C)</b>	PCA-1100	750 G - Ø 85 MM	PCW5000, PCW5000-HS, PCH1000, PCT1800
<b>(D)</b>	PCA-1130	1.5 KG - Ø 108 MM	PCH2000

SERIES	WINCHES	PULLING FORCE (SINGLE LINE)		WHEN LIFTING (SINGLE LINE)	
		STANDARD DRUM	OPTIONAL DRUM	STANDARD DRUM	OPTIONAL DRUM
PRO	PCW3000-Li	Ø 76 mm - 1,000 KG MAX SPEED: 11.6 m/min	---	NOT DESIGNED FOR LIFTING	
	PCW3000	Ø 76 mm - 700 KG MAX SPEED: 10 m/min			
	PCW4000	Ø 76 mm - 1,000 KG MAX SPEED: 13.4 m/min			
	PCW5000	Ø 57 mm - 1,000 KG MAX SPEED: 12 m/min	Ø 85 mm - 700 KG MAX SPEED: 18 m/min		
INDUSTRIAL	PCW5000-HS	Ø 85 mm - 350 KG MAX SPEED: 36 m/min	Ø 57 mm - 500 KG MAX SPEED: 24 m/min	Ø 57 mm - 250 KG	Ø 85 mm - 175 KG
	PCH1000	Ø 57 mm - 775 KG MAX SPEED: 12 m/min	Ø 85 mm - 540 KG MAX SPEED: 18 m/min		
	PCH2000	Ø 108 mm - 1,150 KG MAX SPEED: 20 m/min	---	Ø 108 mm - 450 KG	---
	PCT1800-60HZ	Ø 85 mm - 820 KG MAX SPEED: 8.8 m/min	Ø 57 mm - 1,000 KG MAX SPEED: 5.8 m/min	Ø 85 mm - 250 kg	Ø 57 mm - 250 kg
	PCT1800-50HZ	Ø 85 mm - 820 KG MAX SPEED: 7.2 m/min	Ø 57 mm - 1,000 KG MAX SPEED: 4.8 m/min	Ø 85 mm - 250 kg	Ø 57 mm - 250 kg





## PCA-1290

### SKIDDING CONE FOR LOGS

The skidding cone is an essential tool for small-scale timber harvesting activities. It prevents logs from getting stuck in roots, stumps and other obstacles. Its elliptical-shaped nose makes it robust and allows it to slide along residual trees, thus avoiding injuries during regeneration. Made of high-performance polymer plastic, it is lightweight, flexible and virtually unbreakable.

Its large opening can fit a trunk of 50 cm in diameter, or several bundled stems. The friction on the ground is considerably reduced, which makes it possible to pull heavier loads. It can be used with a portable winch, behind an all-terrain vehicle, a snowmobile, a small tractor and even a horse, in any season, since it can withstand temperatures down to -30°C.

**Weight :** 5.1 kg

**Dimensions :** 67 cm x 64 cm

**Diameter :** 50.8 cm



## PCA-1270

### OPEN-FACE CORNER BLOCK - Ø 100 MM

The open-face pulley is designed to pull trees perpendicular to a path when the traction comes from a vehicle. It is also useful for deviating trajectory and get around obstacles. In addition, when installed at height, it creates a pull angle that allows the tip of the log to be slightly lifted and thus reduces friction on the ground.

Made of steel, it is shock-resistant and is generally used paired with the automatic release (PCA-1291). The sheave is smooth and without sharp edges: it will not damage synthetic lines.

The 100-mm diameter of the pulley supplies very good efficiency.

Attach it to a tree with one of our polyester slings.

**Weight :** 2.40 kg

**Dimensions :** 25 cm x 10 cm x 5.8 cm

**Compatibility :** For ropes up to 13 mm in diameter



## PCA-1291

### AUTOMATIC RELEASE FOR OPEN-FACE CORNER BLOCK

The automatic release is used to take the rope out of the pulley (PCA-1270) at the right time in order to let the log finish its way parallel to the trail, without having to interrupt the operation to manually take the rope out of the pulley. It greatly improves productivity of small-scale harvesting activities.

The release consists of two parts: a steel cartridge and a chain link. Both are loose at the end of the rope when they are not used. To install it, simply position the chain link at the desired distance on the rope, turn it the other way around and insert it into the cartridge. This will hold it in place without damaging the rope. Once to the pulley, the release will take the rope out of the pulley. This will allow the log to continue its way and pivot along the path.

Suitable for ropes up to 13 mm in diameter. Not recommended for use with the portable winch when anchored with a sling, because when the rope tension is released, the winch may suddenly fall to the ground and suffer damage. It is better to use an anchoring such as PCA-1268 or PCA-1269.

**Weight :** 300 g

**Dimensions :** 8 cm x 5 cm

**Compatibility :** For ropes up to 13 mm in diameter



## PCA-1310

### PULLING PLATE FOR VEHICLES

The pulling plate is designed to be inserted on a vehicle ball and to attach a synthetic rope to it. The straight and smooth drum ensures that the rope will be easily untied without any damage. A slot on the left side is used to insert a chain link to pull directly behind the vehicle. To the right of the knob, a hook is used to attach a steel ring or sling.

The plate has a keyhole-shaped opening that allows it to slide on a tow ball up to 50.8 mm (2") in diameter. Once positioned on the ball neck, it is able to rotate and align with the load.

The grip is taken near the vehicle's center of gravity, reducing the risk of rotation for increased safety.

**Weight :** 1.55 kg

**Dimensions :** 24 cm x 15 cm x 6,5 cm



## PCA-1295

### CHOKER CHAIN WITH C-HOOK AND STEEL ROD

Made with 6.4 mm (1/4") diameter plated steel chain, it is 2.1 m long without the needle and allows a 50 cm diameter tree to be encircled while keeping a sufficient length to thread it into the nose of the skidding cone.

It is also equipped with a C-shaped hook for quick and safe installation and disassembly.

The 30 cm steel rod at the end of the chain allows it to be easily pushed under the logs or inserted into the opening of the skidding cone.

The perfect sling to pull with our winches, your off-road vehicle or tractor!

**Weight :** 2.4 kg

**Dimensions :** 2.1 m, chain links 6.4 mm

**Minimum Breaking Strength :** 56.9 kN



## PCA-1372

### HPPE ROPE CHOKER WITH STEEL ROD

High Performance Polyethylene (HPPE) fibres are among the strongest fibres in the world. HPPE cables have been used on boats and in industries for several years. We now offer HPPE slings that advantageously replace regular chains. They are made of 10 mm diameter HPPE rope, with a minimum Minimum Breaking Strength (MBS) of 69 kN. They are extremely light, strong and durable.

Three 6 mm chain stitches and a 30 cm needle at the end allow it to be pushed under the logs or into the opening of the skidding cone and attached to a flat hook. A splice forming a long eyelet at the other end is used to strangle the load.

A true pleasure to work with!

**Weight :** 400 g

**Dimensions :** 2.1 m, Ø 10 mm rope

**Minimum Breaking Strength :** 69 kN





## PCA-1151<sup>(1)</sup> / PCA-1152<sup>(2)</sup>

SPARK ARRESTER FOR HONDA ENGINE GXH50 (1)  
SPARK ARRESTER FOR HONDA ENGINE GX160 (2)

The spark arresters prevent carbon deposits that could be ejected from the engine and start a fire.

Spark arresters are mandatory in some areas. We invite you to consult the local regulations for this purpose.

It is easily installed with a screwdriver. A screw is provided.

NOTE: The GX35 and GX50 engines are already equipped with an internal spark arrester.

**Weight :** (1) 10 g  
(2) 12 g

**Dimensions :** (1) Ø 22 mm - Length: 45 mm  
(2) Ø 22 mm - Length: 62 mm



## PCA-31650-HG<sup>(1)</sup> / PCA-1450-HG<sup>(2)</sup> / PCA-1450-EX<sup>(3)</sup>

(1-2) DYNEEMA WINCHLINES FOR OFF-ROAD VEHICLE WINCHES  
(3) EXTENSION DYNEEMA WINCHLINES FOR OFF-ROAD VEHICLE WINCHES

These winchlines for all-terrain vehicle (QUAD, side-by-side, 4x4, etc.) are made from Dyneema SK-75 synthetic fibers. These High Performance Polyethylene (HPPE) fibers are braided to form a twelve (12) strand hollow core cable that replaces steel wire of equivalent diameter, while being nine (9) times lighter!

Advantages:

They do not deform; they do not freeze; they do not make pigtailed; they do not hurt their hands; they are easy to maneuver and repair. Research conducted by the FPIInnovations Research Institute has shown that these cables can last longer than steel cables.

Once you have tried this type of cable, you will never want to use steel cables again.

*Note: They cannot be used with our portable capstan winches. When installing the winchline, it is recommended to polish all winch surfaces to remove any sharp edges that may come in contact with it.*

**Length:** 15 m

**Diameter :** (1) Ø 5 mm  
(2-3) Ø 6 mm

**Weight :** (1) 200 g  
(2) 300 g

**Minimum Breaking Strength :** (1) 20.5 kN  
(2-3) 33.4 kN











## **ACCESSORIES** **KITS**

Find in this section complementary kits to our winches.  
They can also be used independently to a winch and/or with  
an all-terrain vehicle!





# PCA-1002

## KIT OF PULLING ACCESSORIES WITH ROPE 12 MM X 50 M

## ACCESSORIES KITS

PCA-1215M

PCA-1255

PCA-1274

PCA-1276

PCA-1260

PCA-1281

### PCA-1002

- 1x PCA-1215M  
ROPE 12 MM X 50 M
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1274  
SINGLE SWING SIDE PULLEY
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1281  
SAFETY HOOK WITH LATCH
- 1x PCA-1260  
POLYESTER SLING

**The perfect accessory kit to complement your PCW5000 winch, an off-road vehicle or simply pull smaller loads by hand.**

This kit includes a pulley with oscillating sides, to allow you to deflect a load or double the pulling force. With the carabiners, sling, rope and pulley, everything is there to help you! In addition, the 12 mm x 50 m rope with a minimum Minimum Breaking Strength of 3,300 kg is an excellent partner for our PCW5000 winch. Whether you already own one or are considering purchasing one in the future, you will have in this kit the basic complementary accessories on hand.

The perfect kit to complement the PCW5000!

*Winch sold separately.*



# PCA-1003

## KIT OF PULLING ACCESSORIES WITH ROPE 10 MM X 50 M

## ACCESSORIES KITS

PCA-1205M

PCA-1255

PCA-1275

PCA-1276

PCA-1260

PCA-1281

### PCA-1003

- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 2x PCA-1276  
LOCKING CARABINER
- 1x PCA-1281  
SAFETY HOOK WITH LATCH
- 1x PCA-1260  
POLYESTER SLING

**The perfect accessory kit to complement your PCW3000, PCW3000-Li or PCW4000 winches, an off-road vehicle or simply pull smaller loads by hand.**

This kit includes a pulley with oscillating sides, to allow you to deflect a load or double the pulling force. With the carabiners, sling, rope and pulley, everything is there to help you! In addition, the 10 mm x 50 m rope, with a minimum Minimum Breaking Strength of 2,200 kg, is an excellent partner for our PCW3000, PCW3000-Li, PCW4000 winches. Whether you already own one or are considering purchasing one in the future, you will have in this kit the basic complementary accessories on hand.

The perfect kit to complement the PCW3000 and PCW3000-Li, or PCW4000 !

*Winches sold separately.*





# PCA-1005

## FORESTRY ACCESSORIES KIT WITH 12 MM X 50 M ROPE

## ACCESSORIES KITS

PCA-1215M

PCA-1255

PCA-1290

PCA-1295

PCA-1282

PCA-1276

PCA-1260

PCA-1274

### PCA-1005

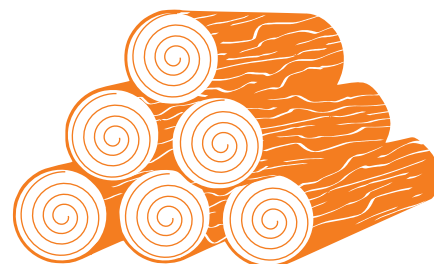
- 1x PCA-1215M  
ROPE 12 MM X 50 M
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1290  
SKIDDING CONE
- 1x PCA-1295  
CHOKER CHAIN
- 1x PCA-1282  
LOCKING GRAB HOOK
- 1x PCA-1274  
SINGLE SWING SIDE PULLEY
- 1x PCA-1260  
POLYESTER SLING
- 2x PCA-1276  
LOCKING CARABINER

**An exceptional addition for PCW5000 winch owners who want to get out of the woods!**

This kit includes the essentials such as a 12 mm x 50 m rope, a bag to store it, and a sturdy skidding cone, two carabiners, a choker chain, a locking hook, a polyester sling and a pulley that will either deflect a load or double the winching capacity.

A perfect complement to work in the forest with a PCW5000!

*Winch sold separately.*



# PCA-1006

## FORESTRY ACCESSORIES WITH ROPE 10 MM X 50 M

## ACCESSORIES KITS

PCA-1205M

PCA-1255

PCA-1290

PCA-1295

PCA-1282

PCA-1276

PCA-1260

PCA-1275

### PCA-1006

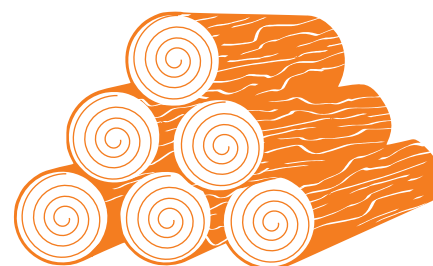
- 1x PCA-1205M  
ROPE 10 MM X 50 M
- 1x PCA-1255  
ROPE BAG
- 1x PCA-1290  
SKIDDING CONE
- 1x PCA-1295  
CHOKER CHAIN
- 1x PCA-1282  
LOCKING GRAB HOOK
- 1x PCA-1275  
SINGLE SWING SIDE PULLEY
- 1x PCA-1260  
POLYESTER SLING
- 2x PCA-1276  
LOCKING CARABINER

**This accessories kit is the perfect combination for owners of PCW3000, PCW3000-Li, PCW4000 winches who want to complete their arsenal for pulling logs.**

This kit includes a 10 mm x 50 m rope, a bag to store it and a sturdy skidding cone, two carbiners, a choker chain, a locking hook, a polyester sling and a pulley that will either deflect a load or double the winching capacity.

An exceptional addition for PCW3000, PCW3000-Li, PCW4000 owners who want to get out of the woods!

*Winches sold separately.*





# PCA-1290-K

## SKIDDING CONE KIT FOR OFF-ROAD VEHICLES

## ACCESSORIES KITS

PCA-1290

PCA-1260

PCA-1255

PCA-1215M

PCA-1310

PCA-1295

PCA-1291

PCA-1282

PCA-1270

### PCA-1290-K

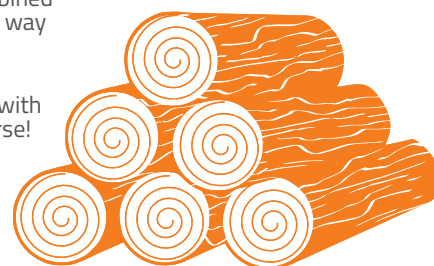
- 1x PCA-1290 SKIDDING CONE
- 1x PCA-1255 ROPE BAG
- 1x PCA-1215M ROPE 12 MM X 50 M
- 1x PCA-1295 CHOKER CHAIN
- 1x PCA-1282 LOCKING GRAB HOOK
- 1x PCA-1270 OPEN-FACE CORNER BLOCK
- 1x PCA-1291 AUTOMATIC RELEASE FOR OPEN PULLEY
- 1x PCA-1310 PULLING PLATE FOR VEHICLES
- 1x PCA-1260 POLYESTER SLING

**This skidding kit is ideal for transforming all types of off-road vehicles (ATVs, QUADS, side-by-side, snowmobiles) into a logging machine.**

It includes the essentials for using your vehicle as an anchor. It features a sturdy skidding cone, a choker chain and a grab hook in addition to a vehicle pull plate. Since there is no adequate anchoring point on these vehicles, the pulling plate is the perfect solution. The user can attach a rope, a choker chain or any other type of slings through the pommel and two hooks. It is designed to be inserted on all towballs 50.8 mm in diameter and less.

The kit also includes an open-face deflection pulley and an automatic release. The trigger is installed anywhere on the rope using the chain link and when it reaches the pulley, it jumps the rope out of it, allowing the driver to stay in the path while deflecting his logs. Combined with the skidding cone, your load will make its way and you will not have to worry about pitfalls, allowing you to focus on the trail ahead.

Accessory set *par excellence* to get out of logs with your ATV, your snowmobile ... or even your horse!















## ***USEFUL INFORMATION***

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**Deviation and Mechanical Advantages**

**Creating a Mechanical Advantage**

**Directional Felling**

**Safety Factors**

**Carabiners - Breaking Strengths**

**Recommended Knots**

**Warranty Policy**



**WATCH OUR VIDEOS ON  
[YOUTUBE.COM/PORTABLEWINCH](https://www.youtube.com/portablewinch)**

**CONSULT [WWW.PORTABLEWINCH.INFO](http://www.portablewinch.info)  
FOR ADDITIONAL INFORMATION**

**YOU WILL FIND INFORMATIONAL DOCUMENTS, INSTRUCTIONS, USER'S  
GUIDE AND MUCH MORE.**



# DEVIATION AND MECHANICAL ADVANTAGES

## USEFUL INFORMATION

Pulleys are used to guide the rope to the right angle or to increase the pulling capacity with a pulley system.

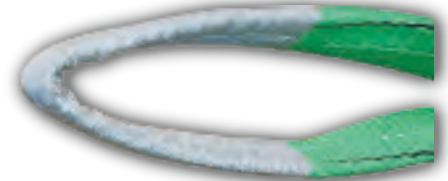
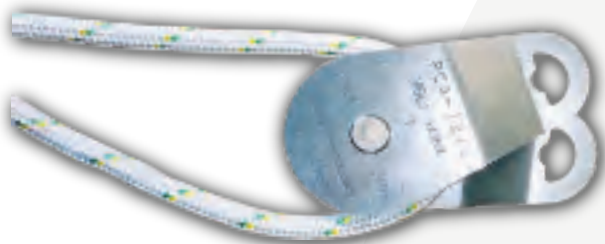
**Pulleys have two main functions:**

### DEVIATION

A deviation pulley is HIGHLY recommended. It is a single pulley which is used to change the traction angle (upwards or to the side) or to keep the rope off the ground. For example, a deviation pulley used on a steep slope allows the operator to keep the winch level. On level ground, creating a light angle reduces friction on the system and premature wear of the rope.

### BLOCK AND TACKLE SYSTEMS

When working with ropes, pulleys are extremely useful for creating mechanical advantages, that is to say reducing the force required to move a mass. With the right number of pulleys, it is possible to move loads two, three and even four times greater than the force applied. This pulley combination is called a block and tackle system. When we use pulleys to multiply the force applied, we also reduce the pulling or lifting speed, by a same factors.



### A PULLEY, A CARABINER, A SLING

In general, each pulley must be fixed to a solid anchoring point using a carabiner and a sling while respecting the appropriate safety factor. Therefore, for each pulley, a carabiner of an appropriate capacity and a sling are required. See further for the section on safety factors.

### DEVIATION

A deviation pulley can often be extremely helpful. It is a single pulley used to change the traction angle (upwards or to the side) or to keep the rope off the ground.

For example, on the photo below, you can see that the winch remains aligned with the pulley regardless if the log moves from left to right during the pull. Furthermore, it allows to slightly lift the front of the log, thus reducing friction with the ground, which is advantageous.



# CREATING A MECHANICAL ADVANTAGE

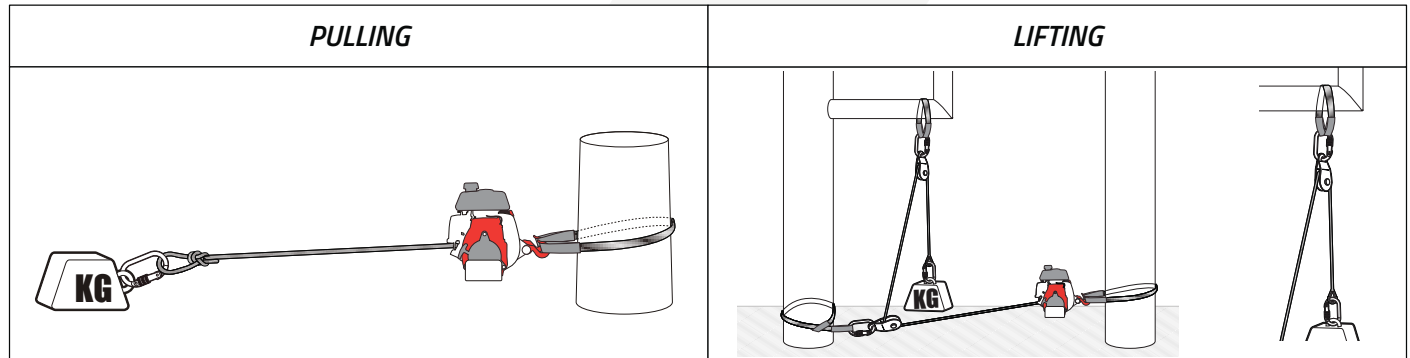
## USEFUL INFORMATION

Pulley block pulleying provides a mechanical advantage by reducing the force required to move a mass. Here you will see how to double, triple or quadruple the capacity of a system using pulleys.

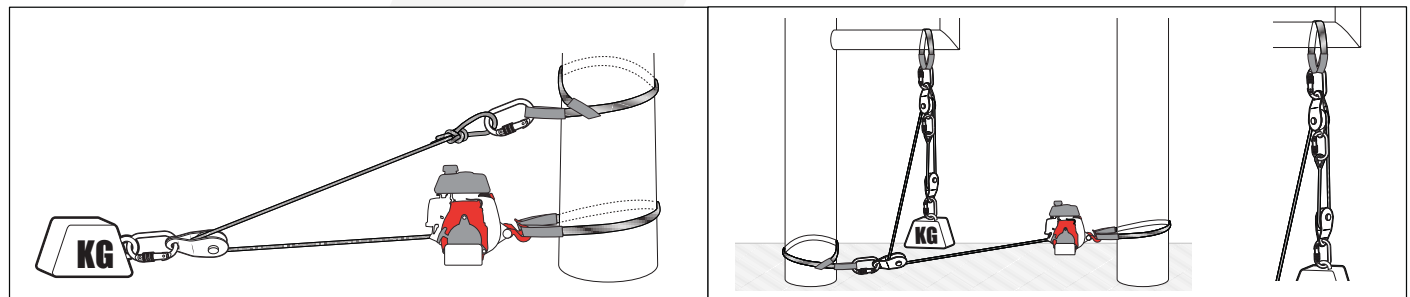
In order to create a mechanical advantage, at least one pulley must be attached to the load. In the first case, there is no mechanical advantage because there is no pulley attached to the load, so the force applied to the rope is equivalent to that of the winch.

Further down, a pulley is attached to the load and the end of the rope is attached to the anchor point of the winch. There are therefore two lines of rope, each applying 1,000 kg of pulling force (e.g. with a PCW4000). The mechanical advantage is therefore 2x. And so on and so forth. So there is no power limit!

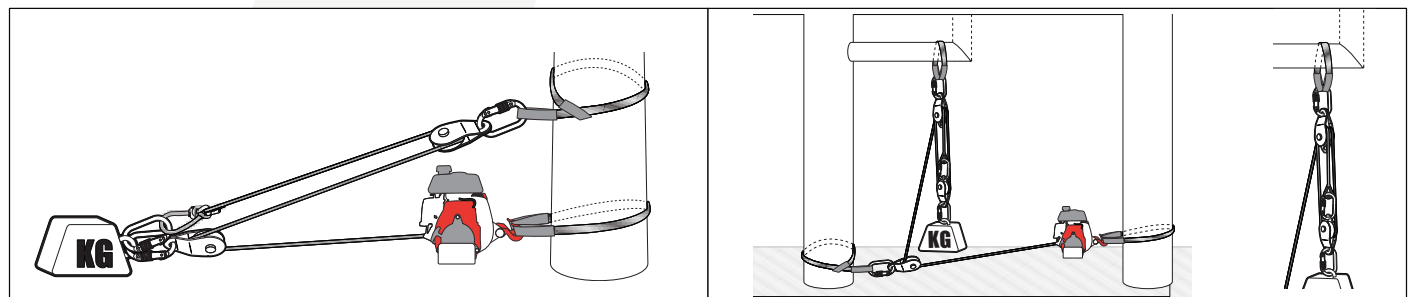
### WITHOUT MECHANICAL ADVANTAGE - DIRECT LINE



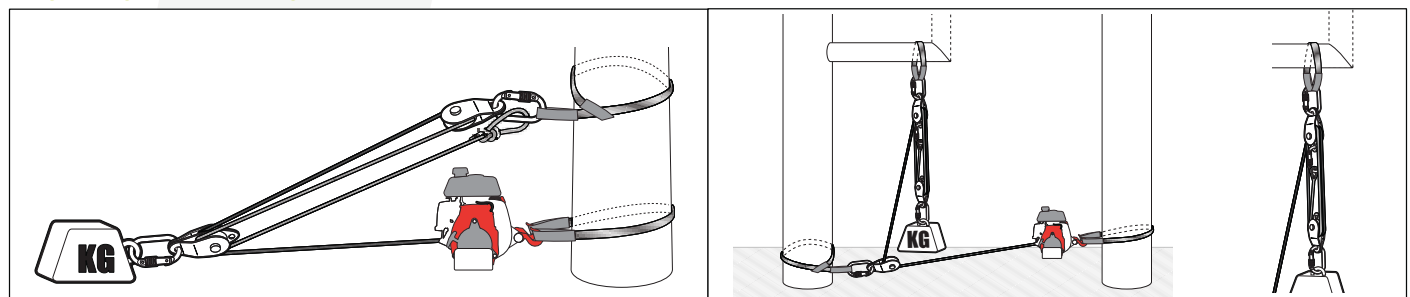
### MECHANICAL ADVANTAGE X 2



### MECHANICAL ADVANTAGE X 3



### MECHANICAL ADVANTAGE X 4



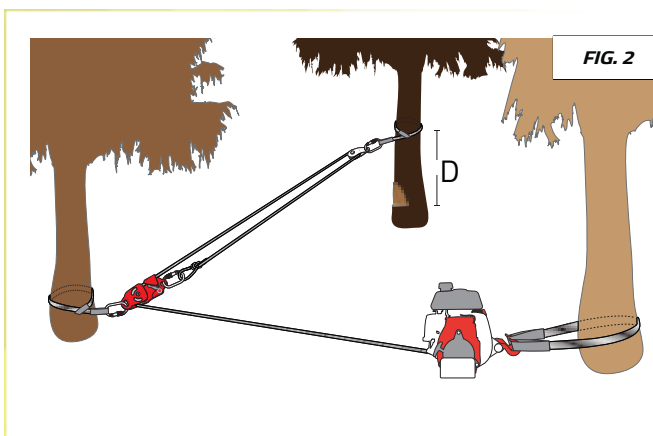
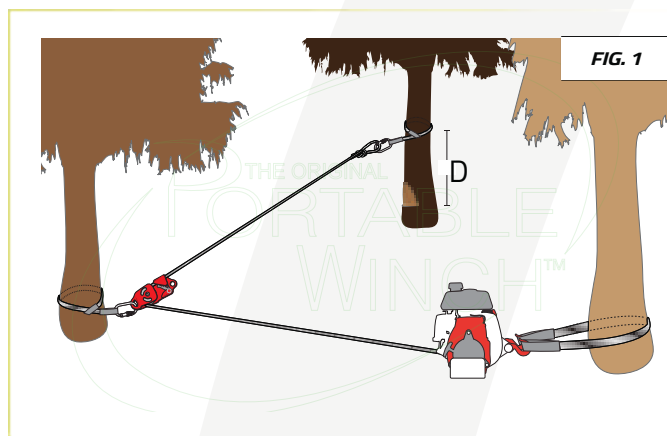


There are several situations where it is preferable to secure a tree and direct it during felling:

- Trees leaning to the wrong side
- Trees with an unbalanced top
- Hung-up trees

### Here is how:

- 1) Install the winch in a safe zone away from the fall line.
- 2) Install a self-locking pulley at the base of a tree in the direction of fall or a regular pulley if you are using the PCW4000 winch equipped with the quick-release anti-reverse mechanism.
- 3) Tie the end of the rope as high as possible in the tree to be felled (**figure 1**)  
Remember that the distance (**D**) between the attachment point and the felling cut will act as a lever.
- 4) If the tree is leaning significantly, you can connect another pulley to the tree with a sling and attach the end of the rope to the self-locking pulley or to another tree. Thus, you can double the exerted force (**figure 2**).
- 5) Here is the felling method:
  - a. Cut the directional notch in the normal fashion.
  - b. Start the winch and apply tension to the tree.  
The self-locking pulley, or PCW4000 winch, will maintain the tension while the felling is carried out.
  - c. Perform the felling cut normally and secure the tree with wedges.
- 6) Start the winch again and tilt the tree by pulling on the rope.



## IMPORTANT

THESE INSTRUCTIONS ARE NOT A DIRECTIONAL FELLING COURSE BUT RATHER A TECHNIQUE FOR USING THE WINCH. IF YOU ARE NOT SKILLED IN FELLING, PLEASE CONTACT A PROFESSIONAL.

## SAFETY FACTORS

Equipment manufacturers rate their goods' resistance according to their breaking strength, which is established during a destructive test. It is the point where the piece of equipment may break, which means that never a force close to the rated minimum breaking strength should be applied. The equipment should rather be used considering an appropriate safety factor. The working load limit (WLL) is generally the minimum breaking strength (MBS) divided by the safety factor (SF):

$$WLL = MBS/SF.$$

The safety factor is determined by the operator according to the following criteria:

- 1- The level of danger for human life and for property;
- 2- The reliability of the material and rigging equipment as well as their age and condition;
- 3- The load condition; static, variable, impact loading (rope kickback);
- 4- The level of awareness of the load weight to be moved;
- 5- The type of application.

For example, lifting goods requires a higher safety factor than pulling non-rolling goods on the ground. Besides, lifting operations are often subject to standards, laws and regulations.

**It is therefore essential to refer to the local regulations applicable to your area.**

## USEFUL INFORMATION



### A 2<sup>ND</sup> CARABINER TO THE RESCUE

When the breaking strength of a single carabiner is insufficient to meet the desired safety factor, two carabiners with the openings opposite and reversed can be used to double the breaking strength as shown on the photo.

## EXAMPLES OF SAFETY FACTORS

PULLING	LIFTING	FOR CORDAGE	IF A LIFE DEPENDS ON IT
2 TO 3	5 TO 6	7 TO 10	10

When pulling, the safety factor is relatively low (2-3 times) because the risk of serious accidents is a lot lower.

However, when lifting, higher safety factors are recommended; at least 5 for fixed equipment (e.g. pulleys and carabiners) and at least 7 for moving ropes which can be easily damaged. If the operation is life critical, the recommended safety factor is 10.

## CARABINERS - BREAKING STRENGTHS

Portable Winch carabiners have different minimum breaking strengths. When the force exerted is multiplied through a block and tackle system, the carabiners located on each end are subject to significant forces. A sufficient safety factor must then be taken into account so that the equipment operates safely. Refer to the table to find out the safety factor obtained with each of the carabiners based on the load to move.

SAFETY FACTORS			
LOAD WEIGHT (KG)	PCA-1276 (25 KN)	PCA-1702 (50 KN)	PCA-1701 (70 KN)
250	10.2	20.4	28.6
500	5.1	10.2	14.3
750	3.4	6.8	9.5
1,000	2.6	5.1	7.1
2,000	1.3	2.6	3.5
3,000	N/A	1.7	2.4

N/A

**NOT RECOMMENDED  
(DANGER)**

**RECOMMENDED  
(DEPENDING ON USE)**

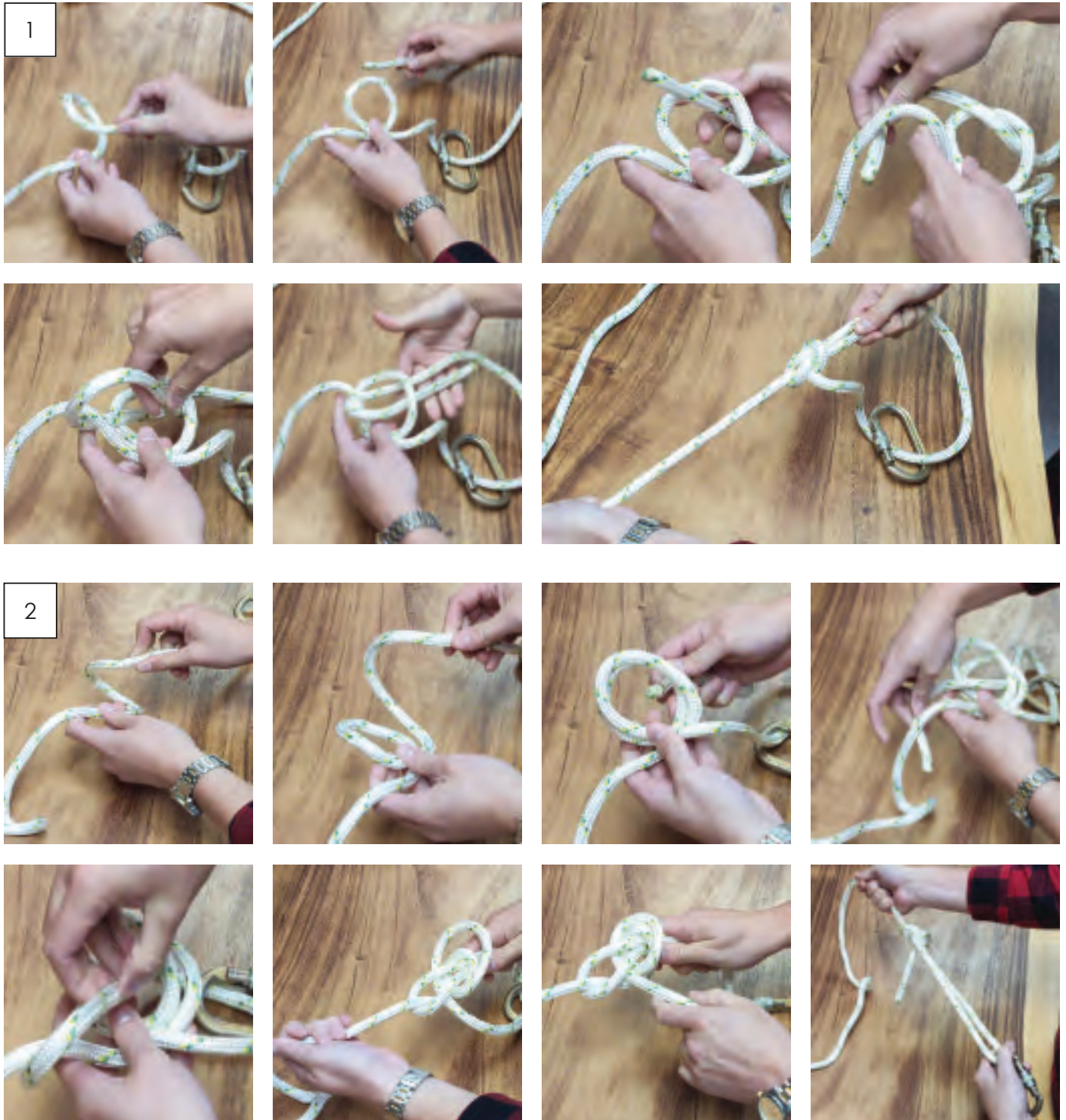


## RECOMMENDED KNOTS

## USEFUL INFORMATION

Even if a simple knot could occasionally be enough to attach a load to the end of the rope, Portable Winch recommends the use of the bowline knot (Fig. 1). This knot keeps about 70% of the rope's capacity while most knots reduce the rope's capacity by 50% or more. In addition, it can easily be undone after use even if a heavy load was pulled.

Better still, the double bowline knot (Fig. 2) will keep about 90% of your rope's capacity.



# WARRANTY POLICY

## USEFUL INFORMATION

Portable Winch Co. guarantees all its new products against manufacturing or material defects under normal operating conditions. Please see the full details of our warranty policy below.

The "original owner" is defined as the person or entity who purchased a product from an authorized retailer as evidenced 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 is transferable from one user to another, as long as the new owner has a copy of the original invoice.

### \* IMPORTANT \*

If you have a problem with your winch or accessory, contact the retailer where you purchased the product or Portable Winch Co. directly for instructions. By email: [info@portablewinch.com](mailto:info@portablewinch.com). By telephone, in Canada or the United States, call 1-888-388-7855. For other countries, dial +1 819-563-2193.

	PRODUCTS	COMMERCIAL USE	PRIVATE USE
PORTABLE WINCHES	PCW3000	1 year	5 years
	PCW3000-Li	1 year	5 years
	PCW4000	1 year	5 years
	PCW5000	1 year	5 years
	PCW5000-HS	1 year	5 years
	PCH1000	1 year	2 years
	PCH2000	1 year	2 years
	PCT1800	1 year	2 years
MOTOR/ENGINES	HONDA	HONDA INTERNATIONAL WARRANTY	
	BALDOR	ABB MOTORS AND MECHANICAL INC. INTERNATIONAL WARRANTY	
	BATTERY POWERED	PORTABLE WINCH INTERNATIONAL WARRANTY	
ACCESSORIES	ROPES	3 MONTHS	
	PELICAN CASES	LIFETIME WARRANTY	
	OTHER THAN ROPES AND PELICAN CASES	1 YEAR	

## ! OFFER NOT TO BE MISSED

Winch Warranty Registration - Get 1 Extra Year FOR FREE!

How? Simply visit [www.portablewinch.com](http://www.portablewinch.com) and register your winch online!



## WARRANTY POLICY

## USEFUL INFORMATION

This warranty covers the structural components and all the other components of the products from the date of product delivery to the end customer. Within this period, the customer must notify the dealer or approved distributor and make the product available for repair. The dealer/distributor will complete the warranty claim and send it to our warranty department within 30 days of the replacement or repair date of the product to receive a credit.

Any defective part must be retained for subsequent inspection. Failure to return these parts upon Portable Winch Co. request will automatically cancel the warranty claim. Any parts replaced or repaired will be guaranteed for the remaining warranty period of the product on which they were installed or repaired or according to the warranty period of these actual parts, where applicable. The product's warranty period cannot be extended due a non-use period caused by a repair, demonstration, inspection or lease return.

Portable Winch Co.'s sole obligation under this warranty is limited, at its discretion, to the repair or replacement without charge at Portable Winch Co.'s factory or distributor warehouse, all shipping costs paid by the user. Unless otherwise expressly stipulated in writing, this warranty does not constitute a warranty on performance or productivity.

Portable Winch Co. reserves the right to make changes or improvements to its products and this, without obligation towards its customers. In case of a modification or improvement, when a repair or replacement claim is made, Portable Winch Co. will not be required to make these modifications or improvements, but may do so at its discretion, at the customer's cost, on the product or parts already sold.

### Exclusions

This warranty, as a whole, does not cover maintenance and wear parts or consumable products for Portable Winch Co. models including, but not limited to, greases and lubricating oils, filters, parts suffering from friction when in contact with the rope or any other part showing evidence of negligence, overload, abuse, accident, maintenance, unsuitable storage or use or an unauthorized alteration. No warranty claim shall apply in the following cases:

- a) Product damaged during transit or storage;
- b) Shipping costs for the product or part sent for inspection and/or repair;
- c) Costs incurred for repairs performed at an overtime rate;
- d) Problem investigation and diagnosis;
- e) Costs for the use of an identical product when the original product is being repaired under warranty;
- f) Costs incurred by communication and transportation when the product is being repaired under warranty;
- g) Product on which the identification number or serial number is not visible.

All parts or components not manufactured by Portable Winch Co. are covered by their respective manufacturers and not by Portable Winch Co. However, Portable Winch Co. will process claims for these parts with the exception of Honda and Baldor (ABB) engines.

Honda engines, subject to commercial or domestic use or lease, are covered for a period that varies from one country to another. Warranty repair claims for these engines can be made to any Honda small engines service centre. The portable winch's serial number must be written on the customer's original invoice and will be used by the service centre for Honda small engines to determine the warranty's validity period.

Baldor (ABB) engines, subject to commercial or domestic use or lease, are covered for a period that varies from one country to another. Warranty repair claims for these engines can be made to any Baldor service centre (or ABB Motors and Mechanical). The portable winch's serial number must be written on the customer's original invoice and will be used by the Baldor service centre (or ABB) to determine the warranty's validity period.

For any questions or comments, contact Portable Winch Co.'s customer service: 1 888 388-7855 / +1 819 563-2193

This warranty will be cancelled if a repair or alteration is made to a Portable Winch Co. product by a person or company who has not received prior approval from Portable Winch Co. and which, in the opinion of Portable Winch Co, affected the product's performance and/or reliability in any way.

Any modification made to a Portable Winch Co. product without prior approval from Portable Winch Co. and/or repair carried out with parts not having been approved by Portable Winch Co. beforehand will automatically cancel this warranty. This warranty is not valid for any problem resulting from an unsuitable use or installation of parts or components or from a lack of normal and proper maintenance.

THIS WARRANTY CONSTITUTES AND REPLACES ANY OTHER WARRANTY, WHETHER EXPRESSED OR IMPLICIT, WRITTEN OR ORAL, INCLUDING, BUT NOT LIMITED TO, ANY IMPLICIT WARRANTY OF MERCHANTABILITY OR SUITABILITY FOR A SPECIFIC USE.

THIS WARRANTY WILL BE APPLIED AND INTERPRETED IN ACCORDANCE WITH THE LAWS AND COMMERCIAL PRACTICES IN FORCE IN THE PROVINCE OF QUEBEC, CANADA.

Portable Winch Co. cannot be held responsible for any damage, whether accidental or resulting from operator negligence, and it is understood that this warranty is the only right and remedy for the customer or the user.





POWERED by  
**HONDA**





# CABLE LAYING MACHINES UP TO 10 MM DIAMETER

## ALSO AVAILABLE

Discover this other range of professional products designed and manufactured by Portable Winch Co.

The **No.1 choice** of professional installers! Perfect for burying:

- Robotic lawn mowers wire;
- Invisible fence wire;
- 12V wire for outdoor lighting systems;
- Ethernet and coaxial cable.

**WWW.600MH.COM**



DEALER

**Portable Winch Co. Head of ce:**

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MADE IN CANADA  
PRINTED IN CANADA



60-0342 - Version EN - MET  
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