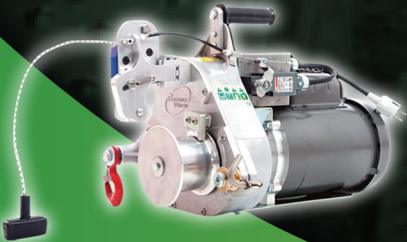
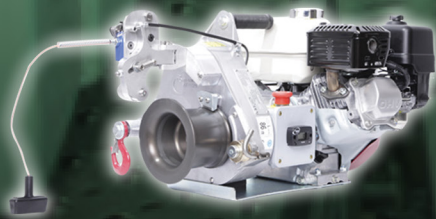
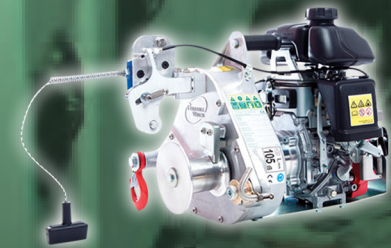




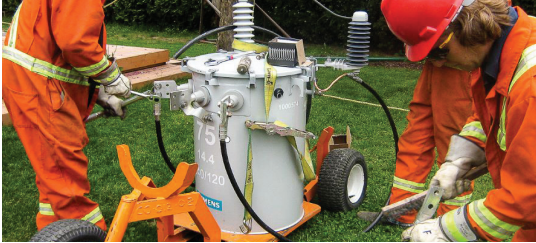
Petrol, Battery & Electric Portable Capstan Winches





PORTABLE CAPSTAN WINCHES

Portable Winch Co. offers portable tools for lifting and pulling loads. All of their products are designed to perform complex or strenuous tasks in a simple manner. Their wide product range is used around the world in diverse applications such as farming, forestry, hunting, construction, telecommunication and infrastructure. Portable Winch design winches incorporating exclusive features and technology enabling great autonomy while being inherently safe to use. Therefore they are portable, compact, simple and easy to use.

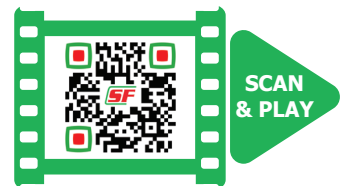


SECTORS AND APPLICATIONS

- Telecommunication infrastructures, towers and antennae
- Power utility infrastructures, pylons, poles and transmission lines
- Lifting transformers and isolators
- Fibre optic installation and cable pulling
- Search and rescue operations
- Agriculture and forestry
- Construction
- Mining, oil & gas
- Railway cable pulling
- Marine applications, such as pulling nets, boats or docks
- Scientific research
- Adventure and exploration
- Hunting & Off-Roading

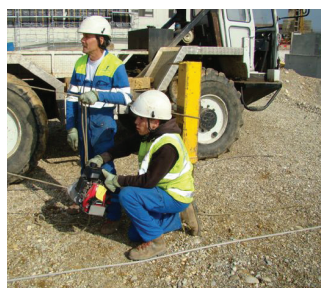
ADVANTAGES

- Light
- Powerful
- Portable
- Reliable
- Durable
- Rugged
- Tireless
- Simple
- Safe
- Compact
- Constant
- Quickly Attach
- Unlimited Length of Rope
- Smart



PORTABLE WINCH UNIQUE FEATURES

| | |
|------------------------------|--|
| LIGHT AND PORTABLE | One can carry it where it is needed |
| HIGH-PERFORMANCE | Constant pulling power and many variants of power and speeds depending on the engine and drum selected. |
| AUTONOMOUS | Since the winch is equipped with either petrol-powered engine, or LI-ION Battery, no external energy source is required. |
| RELIABLE | Reliable Honda petrol or battery operated engine will start, no matter what. |
| ENDURING | Highest quality components ensure continuous use and long life. |
| SIMPLE | Once the winch is anchored, you need only to wrap the rope around the drum and pull. |
| SAFE | The operator is never standing in the pulling axis. |
| UNLIMITED ROPE LENGTH | Thanks to the capstan principle, the rope does not accumulate on the drum but merely goes through. |
| SYNTHETIC ROPE | No more wire rope! Polyester ropes have low stretch properties and are very comfortable to work with. |
| QUICK ANCHORING | Anchor your winch to anything in a few seconds. |





PORTABLE WINCH PRODUCT STANDARDS

DECLARATION OF CONFORMITY WINCHES:

PCW4500, PCW3000-AU, PCW4000, PCW5000, PCW5000-HS, PCW-3000-Li-AIK,
PCH1000, PCH2000, PCT1800-50HZ-P-230V

All winches are designed, manufactured and tested according to **European Standard EN 14492-1:2006 Power Driven Winches**. They also comply with **Machinery Directive 2006/42/CE** and associated standards and regulations. They also comply with **Australian Standard AS1418.2-1997: Serial hoists and winches** and **ISO standard 19472:2006 Forestry Winches**. All winches are designed under the guidelines of **ISO standard 12100:2010 Safety of machinery- General principles for design- Risk assessment and risk reduction**.

All electrical components are **CSA approved**.

Lifting winches **PCH1000, PCH2000** and **PCT1800-50HZ-P-230V** are designed, manufactured and tested according to **ASME Standard B30.7-2011 Winches (formerly titled Base-mounted drum hoists)**. Each winch is tested at the factory before shipping and test results are available upon request. Lifting winches are classified as M3 according to **ISO Standard 4301-1:2016 Crane and lifting appliance classification**.

ROPES

All ropes are manufactured according to **EN ISO 10547:2009 Polyester Fibre Ropes- Double Braid Construction**. Ropes are marked according to **EN ISO 9554:2005 Fibre Ropes- General Specifications** with a printed tape between the core and cover indicating the appropriate ISO standard, material, quality and origin. They are also labelled according to ISO 9554 and include instructions for the proper use and inspection. Additional information, including test certificates from the manufacturer and detailed inspection criteria are available upon request.



ELECTRICAL, WINCHES, STRINGING & CABLE LAYING







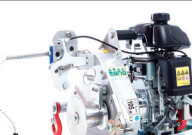


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WINCH CAPSTAN, PORTABLE OVERVIEW & FEATURES



PORTABLE CAPSTAN WINCH OVERVIEW

FEATURES

| Model No. | Specifications | Inc. |
|---|---|------------------|
|  PCW4500 | Max Pull (kg): 700 Max. Pulling Speed (m/min): 10 Weight (kg): 9.5 Power: Petrol 2-Stroke | 1 3 4 8 |
|  PCW-3000-AU | Max Pull (kg): 700 Max. Pulling Speed (m/min): 10 Weight (kg): 9.5 Power: Petrol 4-Stroke | 4 6 |
|  PCW4000 | Max Pull (kg): 1000 Max. Pulling Speed (m/min): 13.4 Weight (kg): 12 Power: Petrol 4-Stroke | 2 3 4 6 |
|  PCW5000 | Max Pull (kg): 1000 Max. Pulling Speed (m/min): 12 Weight (kg): 16 Power: Petrol 4-Stroke | 4 6 |
|  PCW5000-HS | Max Pull (kg): 500 Max. Pulling Speed (m/min): 24 Weight (kg): 16 Power: Petrol 4-Stroke | 4 6 |
|  PCW-3000-Li-AIK | Max Pull (kg): 1000 Max. Pulling Speed (m/min): 11.6 Voltage: Battery 82V 2AH Weight (kg): 9.5 Power: Battery | 4 7 |
|  PCH1000 | Max Pull (kg): 775 Rated Lift Capacity (kg): 250 Max. Pulling Speed (m/min): 12 Weight (kg): 19 Power: Petrol 4-Stroke | 1 3 5 6 |
|  PCH2000 | Max Pull (kg): 1150 Rated Lift Capacity (kg): 450 Max. Pulling Speed (m/min): 20 Weight (kg): 34.5 Power: Petrol 4-Stroke | 1 3 5 6 |
|  PCT1800 50HZ-P-230V | Max Pull (kg): 1000 Rated Lift Capacity (kg): 250 Max. Pulling Speed (m/min): 4.8 Voltage: 230/50 VAC / Hz Weight (kg): 16 Power: Electric | 1 3 5 9 |

Feature No. & Descriptions

1 Progressive Capture System (PCS)
Designed for lifting winches, PCS lets operators start movement with a horizontal pull. It stops and holds loads in suspension, releasing with a cord handle. If the rope slips, it grips automatically to prevent falls.



2 Automatic Anti Roll-Back Mechanism (ARM)
This feature ensures precise load control. The quick-release ARM prevents unintended descent, enhancing safety and reliability.



3 Centrifugal Clutch – When you pull on the rope, the winch begins to pull. When you stop pulling, the drum stops turning, and the cleats hold the load.



4 Design for Pulling

5 Design for Pulling & Lifting

6 Honda GX Series 4-Stroke Engine
Commercial-grade OHC engines delivering reliable, fuel-efficient performance. Designed for continuous use in demanding applications with easy starting.



7 Battery-Powered Capstan Winch
The first battery-powered capstan winch, compatible with 82V Briggs & Stratton lithium-ion batteries. Lightweight, high-performance, and eco-friendly with a brushless motor and overload protection.



8 Maruyama 2-Stroke Engine
A durable, commercial-grade Japanese engine known for reliability, easy starting, and power. Backed by a 5-year warranty.



9 Baldor 230V Motor
Part of ABB's Baldor-Reliance® line, this efficient, reliable motor meets IEC and NEMA standards. Built for demanding industrial applications with low life cycle costs.



ELECTRICAL, WINCHES, STRINGING & CABLE LAYING

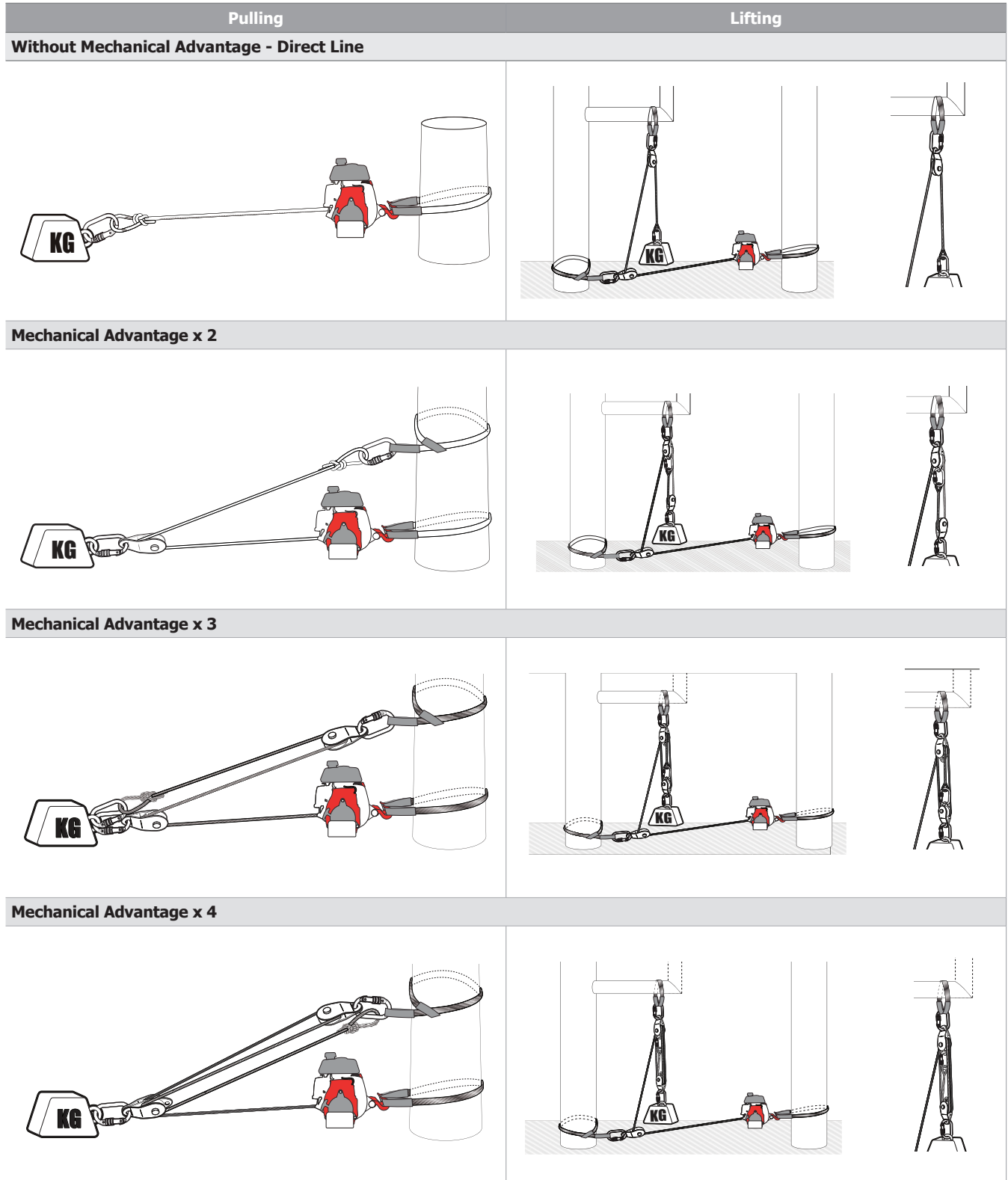
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PORTABLE CAPSTAN WINCH

CREATING A MECHANICAL ADVANTAGE

The use of pulleys offers a mechanical advantage by reducing the force required to move a mass. It is therefore possible to double, triple, quadruple or quintuple the capacity of a system by using pulleys. In order to generate a mechanical advantage, at least one pulley must be attached to the load. Here are some examples.



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.

ELECTRICAL, WINCHES, STRINGING & CABLE LAYING

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WINCH CAPSTAN, PORTABLE SPECIFICATIONS



PORTABLE CAPSTAN WINCH SPECIFICATIONS

| Model No. | PCW4500 [§] | PCW3000-AU | PCW4000 | PCW5000 | PCW5000-HS | PCW-3000-Li-AIK [†] |
|-------------------------------|---|---------------------|-------------------|-----------------------|-----------------------|---------------------------------|
| Designed for | Pulling | Pulling | Pulling | Pulling | Pulling | Pulling |
| Capstan Drums | | | | | | |
| Installed | 76mm | 76mm | 76mm | 57mm | 85mm | 76mm |
| Optional | — | — | — | 85mm | 57mm | — |
| Motor / Drive / Gear Box | | | | | | |
| Brand | Maruyama | Honda | Honda | Honda | Honda | Portable Winch |
| Model | CER500W - 50cc | GX-35 cc | GX-50 cc | GXH-50 cc | GXH-50 cc | — |
| Type | 2-stroke [§] | 4-stroke | 4-stroke | 4-stroke | 4-stroke | Brushless motor |
| Power | 1.76 kW - 2.36 HP | 1.0 kW - 1.3 HP | 1.47 kW - 2.0 HP | 1.6 kW - 2.1 HP | 1.6 kW - 2.1 HP | 1.0 kW - 82 Volts |
| Powered by | Unleaded gasoline [§] | Unleaded gasoline | Unleaded gasoline | Unleaded gasoline | Unleaded gasoline | Li-ion 82V battery [†] |
| Drive | | | | | | |
| Centrifugal Clutch | Yes | No | Yes | No | No | No |
| Direct Drive (No clutch) | No | Yes | No | Yes | Yes | Yes |
| Drum turns with Engine Idling | No | Yes | No | Yes | Yes | Yes |
| Gear Box | | | | | | |
| Rope Retention System | PCS [*] | No | ARM ^{**} | No | No | No |
| Gear Ratio | 200:1 | 200:1 | 200:1 | 110:1 | 53:1 | 200:1 |
| Housing | Aluminium alloy | | | | | |
| Gears | Heat treated 3 stage spur gears | | | | | |
| Shaft | Mounted on ball bearings | | | | | |
| Lubrication | Oil bath | | | | | |
| Brake | Anti-reversing needle bearing | | | | | |
| Work Cycle | Continuous | Continuous | Continuous | Continuous | Continuous | Battery Life: 70 min Approx. |
| Performance | | | | | | |
| Max. Pulling Force | | | | | | |
| 57mm Drum | — | — | — | 1000 kg | 500 kg | — |
| 76mm Drum | 1200 kg | 700 kg | 1000 kg | — | — | 1000 kg |
| 85mm Drum | — | — | — | 700 kg | 350 kg | — |
| 108mm Drum | — | — | — | — | — | — |
| Rated Lifting Capacity | | | | | | |
| 57mm Drum | Not designed for lifting | | | | | |
| 76mm Drum | Not designed for lifting | | | | | |
| 85mm Drum | Not designed for lifting | | | | | |
| 108mm Drum | Not designed for lifting | | | | | |
| Max. Pulling Speed | | | | | | |
| 57mm Drum | - | - | - | 12m/min | 24m/min | — |
| 76mm Drum | 12m/min | 10m/min | 13.4 m/min | — | — | 8.1-11.6m/min (3spd) |
| 85mm Drum | - | - | - | 18m/min | 36m/min | — |
| 108mm Drum | - | - | - | - | - | - |
| Rope | | | | | | |
| Type | Low stretch double braided polyester – unlimited length – Eye splice and thimble mandatory for lifting applications | | | | | |
| Recommended diameter | 10mm | 10mm | 10mm | 12mm | 12mm | 10mm |
| Minimum diameter | 10mm | 10mm | 10mm | 10mm | 10mm | 10mm |
| Maximum diameter | 13mm | 13mm | 13mm | 13mm | 13mm | 13mm |
| Weight & Dimensions | | | | | | |
| Weight (dry) | 13 kg | 9.5 kg | 12 kg | 16kg | 16kg | 10 kg |
| Dimensions (cm) | 43.0L x 33.0W x 29.0H | 28.9L x 35W x 26.1H | 42L x 30W x 28.5H | 36.2L x 37.1W x 36.1H | 36.2L x 37.1W x 36.1H | 31.8L x 30.2W x 31H |
| Other | | | | | | |
| Certification | CE | CE | CE | CE | CE | CE & IPX6 |
| Classification (ISO) Lifting | - | - | - | - | - | - |
| Anchor | | | | | | |
| Included | Polyester sling 60mm x 2m (PCA-1260) | | | | | |
| Optional | Full line of accessories | | | | | |
| Warranty | | | | | | |
| Private use | 5 years | 5 years | 5 years | 5 years | 5 years | 5 years |
| Commercial use | 1 year | 1 year | 1 year | 1 year | 1 year | 1 year |
| Bonus Warranty | Register your winch at www.portablewinch.com to receive 1 EXTRA YEAR of warranty for FREE! | | | | | |

† – Briggs & Stratton 82V Battery 2AH (See Page 209 for Battery & Charger.) | § – 2-Stroke Motor: Requires 50:1 petrol/oil mixture.
* – PCS (Progressive Capture System) | ** – ARM (Automatic Anti Roll-Back Mechanism)

ELECTRICAL, WINCHES, STRINGING & CABLE LAYING

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PORTABLE CAPSTAN WINCH
SPECIFICATIONS

| Model No. | PCH1000 | PCH2000 | PCT1800-50HZ-P-230V |
|-------------------------------|---|------------------------|---|
| Designed for | Pulling/Lifting | Pulling/Lifting | Pulling/Lifting |
| Capstan Drums | | | |
| Installed | 57mm | 108mm | 85mm |
| Optional | 85mm | — | 57mm |
| Motor / Drive / Gear Box | | | |
| Brand | Honda | Honda | Baldor |
| Model | GXH-50 cc | GX-160 cc | AC Electric TEFC |
| Type | 4-stroke | 4-stroke | 230 VAC, 1 ph - 50 Hz |
| Power | 1.6 kW - 2.1 HP | 3.6 kW - 4.8 HP | 0.56 kW - 0.75 HP |
| Powered by | Unleaded gasoline | Unleaded gasoline | 230 VAC |
| Drive | | | |
| Centrifugal Clutch | Yes | Yes | No |
| Direct Drive (No clutch) | No | No | Yes |
| Drum turns with Engine Idling | No | No | No (electric motor) |
| Gear Box | | | |
| Rope Retention System | PCS* | PCS* | PCS* |
| Gear Ratio | 110:1 | 53:1 | 100:1 |
| Housing | Aluminium alloy | | |
| Gears | Heat treated 3 stage spur gears | | |
| Shaft | Mounted on ball bearings | | |
| Lubrication | Oil bath | | |
| Brake | Anti-reversing needle bearing | Double one way bearing | Anti-reversing needle bearing |
| Work Cycle | Continuous | Continuous | 25% (15 min/h to prevent motor overheating) |
| Performance | | | |
| Max. Pulling Force | | | |
| 57mm Drum | 775 kg | — | 1000 kg |
| 76mm Drum | — | — | — |
| 85mm Drum | 540 kg | — | 820 kg |
| 108mm Drum | — | 1150kg | — |
| Rated Lifting Capacity | | | |
| 57mm Drum | 250 kg | — | 250 kg |
| 76mm Drum | — | — | — |
| 85mm Drum | 175 kg | — | 250 kg |
| 108mm Drum | — | 450kg | — |
| Max. Pulling Speed | | | |
| 57mm Drum | 12m/min | — | 4.8m/min |
| 76mm Drum | - | — | - |
| 85mm Drum | 18m/min | — | 7.2m/min |
| 108mm Drum | — | 20m/min | - |
| Rope | | | |
| Type | Low stretch double braided polyester – unlimited length – Eye splice and thimble mandatory for lifting applications | | |
| Recommended diameter | 12mm | 12mm | 12mm |
| Minimum diameter | 12mm | 12mm | 12mm |
| Maximum diameter | 13mm | 13mm | 13mm |
| Weight & Dimensions | | | |
| Weight (dry) | 19 kg | 34.5 kg | 24 kg |
| Dimensions (cm) | 50.5L x 37.1W x 36.1H | 45.8L x 56W x 35.6H | 55.6L x 36.6W x 36.6H |
| Other | | | |
| Certification | CE | CE | CE, UKCA, IP54 |
| Classification (ISO) Lifting | M3 | M3 | M3 |
| Anchor | | | |
| Included | Polyester sling 60mm x 2m (PCA-1260) | | |
| Optional | Full line of accessories | | |
| Warranty | | | |
| Private use | 2 years | 2 years | 2 years |
| Commercial use | 1 year | 1 year | 1 year |
| Bonus Warranty | Register your winch at www.portablewinch.com to receive 1 EXTRA YEAR of warranty for FREE! | | |

* – PCS (Progressive Capture System)

ELECTRICAL, WINCHES, STRINGING & CABLE LAYING

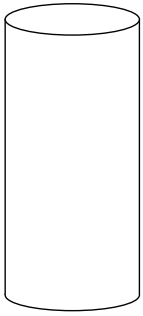

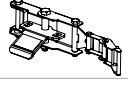

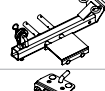
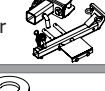

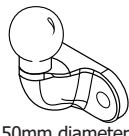



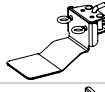
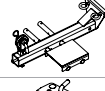
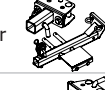
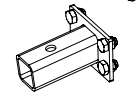
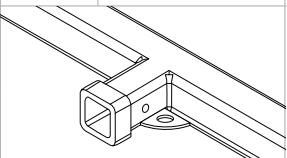
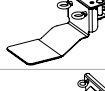
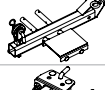
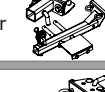
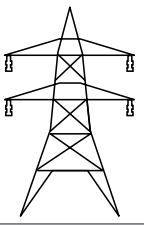
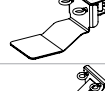
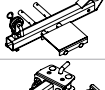
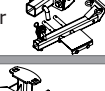

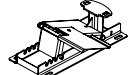
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PORTABLE CAPSTAN WINCH ACCESSORIES

ELECTRICAL, WINCHES, STRINGING & CABLE LAYING

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| ANCHORING ACCESSORIES REFERENCE CHART | | | | USE | | WINCH MODELS | | | | | | | | | |
|---|--------------------------------------|---|--|---|---------|--------------|---------|---------|---------|------------|-----------------|---------|---------|------------------------|---|
| ANCHOR POINTS | ANCHOR ACCESSORIES | | | PULLING | LIFTING | PCW4500 | PCW3000 | PCW4000 | PCW5000 | PCW5000-HS | PCW-3000-LI-AIK | PCH1000 | PCH2000 | PCT1800 50HZ-P-230V | |
|  Cylindrical (tree, pole, post, etc.) | PCA-1258, PCA-1259 or PCA-1260 |  | | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| | PCA-1269 |  | | ● | | ● | ● | ● | ● | ● | ● | | | | |
| | + PCA-1268 |  | | ● | | ● | ● | ● | ● | ● | ● | | | | |
| | + PCA-1264 |  | | | ● | | | | | | | ● | ● | ● | |
| | PCA-1263 | + PCA-1332 + PCA-1264 or + PCA-2264* |  | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
|  Vehicle With tow ball  50mm diameter | 48mm to 59mm diameter |  | PCA-1261 |  | ● | ● | ● | ● | ● | ● | | | | | |
| | | | PCA-1261 |  | ● | | ● | ● | ● | ● | ● | | | | |
| | | | + PCA-1268 |  | ● | | ● | ● | ● | ● | ● | | | | |
| | | | + PCA-1264 |  | | ● | | | | | | | ● | ● | ● |
| | | | + PCA-1332 + PCA-1264 or + PCA-2264* |  | ● | | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | | PCA-1266 | |  | | | | | | | | | | | |
|  Hitch for square tube of 50.8mm (2") opening | | | +PCA-1268 |  | ● | ● | ● | ● | ● | ● | | | | | |
| | | | + PCA-1264 |  | | ● | | | | | | ● | ● | ● | |
| | | PCA-1267 or PCA-1501 | + PCA-1332 + PCA-1264 or + PCA-2264* |  | ● | | ● | ● | ● | ● | ● | ● | ● | ● | |
|  Pylon (with 90° "V" shaped legs) | | | +PCA-1268 |  | ● | ● | ● | ● | ● | ● | | | | | |
| | | | + PCA-1264 |  | | ● | | | | | | ● | ● | ● | |
| | | PCA-1806 | + PCA-1332 + PCA-1264 or + PCA-2264* |  | ● | | ● | ● | ● | ● | ● | ● | ● | ● | |
|  Floor | | | PCA-1805 |  | ● | ● | ● | ● | ● | ● | | | | | |

*PCA-2264 and PCA-1264 winch supports perform the same function, but their size and construction vary slightly, with the PCA-2264 expressly designed for vertical pulling (lifting) with the PCH2000 winch only.



**PORTABLE CAPSTAN WINCH
ACCESSORIES**



PCA-1258
Multi-Purpose Sling



PCA-1259
Multi-Purpose Sling



PCA-1260
Multi-Purpose Sling



PCA-1261
Winch Anchor Plate



PCA-1263
Winch Anchor System



PCA-1264/PCA-2264
Winch Support



PCA-1265
Adapter for Heck-Pack Anchoring System



PCA-1266
Heck-Pack Anchoring System



PCA-1267
Square Tube with Bent Hitch Pin



PCA-1268
Winch Support Plate with Bent Hitch Pin



PCA-1269
Winch Anchor System



PCA-1332
Pivoting Anchor



PCA-1805
Floor Mount Winch Anchor



PCA-1806
Pylon Mount Winch Anchor

| Model No. | Description | Material | Length (cm) | Width (cm) | Weight (kg) | WLL (kg) |
|-----------------|--|---------------------|-------------|------------|-------------|----------|
| PCA-1258 | 60 mm x 3 metres (2-3/8" x 118-1/8"). | Polyester | 300 | 6 | 1.24 | 2000 |
| PCA-1259 | 60 mm x 2.5 metres (2-3/8" x 98-7/16") | Polyester | 250 | 6 | 1 | 2000 |
| PCA-1260 | 60 mm x 2 metres (2-3/8" x 78-3/4") | Polyester | 200 | 6 | 0.92 | 2000 |
| PCA-1261 | For towing balls up to 58.7 mm (2-5/16") diameter. | Zinc plated steel | 20 | 15 | 0.7 | |
| PCA-1263 | For trees and poles with 3 m (10') strap. Use with PCA-1264 or PCA-1268. | Powder Coated Steel | 37 | 26 | 7.2 | - |
| PCA-1264 | With adjustable shelf and swivel pulley for vertical or horizontal pulling. Installs on PCA-1263, PCA-1265, PCA-1267, PCA-1501, and PCA-1806. If used for horizontal pulling, the pivoting anchor (PCA-1332) is necessary (sold separately). | Powder Coated Steel | 55 | 41 | 10.6 | - |
| PCA-2264 | PCA-2264 and PCA-1264 winch supports perform the same function, but their size and construction vary slightly, with the PCA-2264 expressly designed for vertical pulling (lifting) with the PCH2000 winch only. | Powder Coated Steel | 57 | 41 | 10.6 | - |
| PCA-1265 | Bolts on PCA-1266. Use with PCA-1264 or PCA-1268. | Zinc Plated Steel | 14 | 16 | 1.45 | - |
| PCA-1266 | For 50 mm towing balls. | Powder coated steel | 46 | 16 | 3.05 | - |
| PCA-1267 | - | Zinc plated steel | 30.5 | 5.08 | 2.1 | - |
| PCA-1268 | Installs on PCA-1263, PCA-1265, PCA-1267 or PCA-1501. | Zinc Plated Steel | 45 | 29 | 4.5 | - |
| PCA-1269 | For trees and poles with 3 m (10') strap. | Zinc Plated Steel | 26 | 24 | 4 | - |
| PCA-1332 | For the vertical pull support (PCA-1264). Link between PCA-1264 and PCA-1263 or PCA-1806 or PCA-1265 or PCA-1267 or PCA-1501. | Zinc Plated Steel | 24 | 16 | 3.3 | - |
| PCA-1805 | Ideal for pulling wire through conduits. | Zinc Plated Steel | 51 | 26 | 9.4 | - |
| PCA-1806 | For pylons angle iron. Use with Winch support plate PCA-1268 or Winch support for vertical pulling PCA-1264. | Powder Coated Steel | 32 | 28 | 7.7 | - |

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PORTABLE CAPSTAN WINCH

DOUBLE BRAIDED POLYESTER ROPES



PCA-1203M2ESC



PCA-1213M2ESC



PCA-1214M2ESC



PCA-1216M2ESC



PCA-1218M2ESC

| Model No. | Rope OD (mm) | Length (m) | Minimum Breaking Strength (UTS) (kg) | Roll Dimensions (L x W x H) (cm) | Weight (kg) |
|----------------------|--------------|------------|--------------------------------------|----------------------------------|-------------|
| PCA-1203M2ESC | 10 | 100 | 2200 | 20 x 20 x 28.5 | 7 |
| PCA-1213M2ESC | 12 | 100 | 3300 | 50 x 50 x 20 | 11 |
| PCA-1214M2ESC | 12 | 150 | 3300 | 50 x 50 x 30 | 18 |
| PCA-1216M2ESC | 12 | 200 | 3300 | 50 x 50 x 35 | 22 |
| PCA-1218M2ESC | 12 | 300 | 3300 | 50 x 50 x 50 | 33 |

NOTE: All ropes include soft eye splices on each end. UTS = Ultimate Tensile Strength. Suggested safety factors (check local standards or guidelines): Pulling 3:1 / Lifting 5:1.

PORTABLE CAPSTAN WINCH – PULLEYS



PCA-1270

Open face corner block



PCA-1273

Double Swing Side Pulley



PCA-1274

Single Swing Side Pulley



PCA-1275

Single Swing Side Pulley

| Model No. | Feature | Material | WLL (kg) | Sheave Diam. (mm) | Length (cm) | Width (cm) | Height (cm) | Weight (kg) | Rope (mm) Min / Max | Cert. | Min Break Strength (kg) |
|-----------------|---|---|----------|-------------------|-------------|------------|-------------|-------------|---------------------|-------|-------------------------|
| PCA-1270 | - | Steel | N/A | 100 | 25 | 10 | 5.8 | 2.4 | 6 / 12 | - | N/A |
| PCA-1273 | Two lightweight 100mm diameter deep groove aluminium sheaves. | Sides: Stainless steel. Sheave: Aluminium | 4486 | 100 | 23 | 10.5 | 8 | 1.85 | 10 / 12 | - | 13775 |
| PCA-1274 | - | - | 2243 | 100 | 19.6 | 10.5 | 5.3 | 1.1 | 10 / 12 | - | 9185 |
| PCA-1275 | - | - | 1632 | 76 | 15 | 8 | 3 | 0.6 | 10 | - | 6125 |

SPARE PARTS



PCA-1110

Capstan Drum 57mm



PCA-1100

Capstan Drum 85mm



PCA-1120

Capstan Drum 76mm



PCA-1130

Capstan Drum 108mm



PCA-1151, PCA-1152

Spark Arrestor



10-0044

Reversible Safety Lip

| Model No. | Feature | Material | Diam. / Hole Diam. (mm) | Weight (kg) |
|-----------------|---|-----------|-------------------------|-------------|
| PCA-1100 | | | 85 / 25.4 | 0.75 |
| PCA-1110 | | | 57 / 25.4 | 0.35 |
| PCA-1120 | C/W rope guide and screws. | | 76 / 24.8 | 0.55 |
| PCA-1130 | | | 108 / 24.8 | 0.75 |
| PCA-1151 | For Honda GXH-50 engine. | Aluminium | 22 Ø | 0.085 |
| PCA-1152 | For Gx160 engine | | 22 Ø | 0.12 |
| 10-0044 | For 57 mm and 85 mm drums. Prevents rope from jumping out of drum on all lifting winches: PCH1000, PCH2000 & PCT1800. | | 125 | 0.180 |



PORTABLE CAPSTAN WINCH – CARRYING EQUIPMENT

Introducing the New Hard Transport Case Model No. **PCA-0107** Built to endure tough conditions. Compatible with winches: **PCW3000-Li, PCW3000, & PCW4000.**

FEATURES

- Grooves for smooth installation of bungee cords or straps, ensuring your winch stays secure during transport
- Perforation points in the case allowing ventilation for gasoline models and preventing condensation from occurring.
- Fitting more than just the winch you can store all your essential accessories as well.
- Clippable hands to lock the cover on with ample space under the handle to carry with gloves on
- Opens to a full 180°, providing stability and eliminating the risk of damage.



CASES



PCA-0100



PCA-0102



PCA-0104



PCA-1630



PCA-0340



PCA-0350



PCA-0107

| Model No. | Description | Material | Length (cm) | Width (cm) | Height (cm) | Weight (kg) |
|-----------------|---|---------------------|-------------|------------|-------------|-------------|
| PCA-0100 | Purpose built transport case with moulded locations for the winch and accessories. Suits Models PCW5000 & PCW5000-HS. | High-Impact Plastic | 64 | 55 | 38 | 6.65 |
| PCA-0102 | Purpose built transport case with moulded locations for the PCW3000. Fits moulded Backpack PCA-0104. | High-Impact Plastic | 47 | 33 | 31 | 3.9 |
| PCA-0104 | Moulded Backpack for Transport Case PCA-0102 and Rope Bag PCA-0103 or XXL Extra Large Transport Bag PCA-0105 | Polymer | 52 | 46 | 10 | 1.4 |
| PCA-1630 | Waterproof and airtight case with removable casters and folding top handle for PCT1800 or PCH2000 winches and accessories. | Polymer | 79 | 63 | 44 | 15.7 |
| PCA-0340 | Waterproof and airtight case with casters and retractable top handle for PCW5000, PCW5000-HS & PCH1000 winches and accessories. | Polymer | 58 | 58 | 56 | 14.8 |
| PCA-0350 | Waterproof and airtight case with folding side handles ideal for PCT1800-50HZ-P-230V and also suitable for PCW-5000, PCW-5000-HS & PCH-1000 winches and accessories. | Polymer | 59 | 56 | 44 | 11.3 |
| PCA-0107 | The new hard transport case for most portable winch Pro-series models; PCW3000, PCW3000-Li, and PCW4000. Ingeniously designed to hold not just the winch but several accessories, making it more practical for you. | Polymer | 58 | 41 | 36 | 3.0 |

ROPE BAGS



PCA-1255



PCA-1256



PCA-1257XL

| Model No. | Feature | Material | Diameter (cm) | Height (cm) | Weight (kg) |
|-------------------|--|--------------------------------|---------------|-------------|-------------|
| PCA-1255 | Rope Bag – Small - Two handles. Will store either 50 metres of 12 mm rope or 100 metres of 10 mm rope. | Durable Nylon | 28 | 36 | 0.5 |
| PCA-1256 | Rope Bag – Medium - Will store either 100 metres of 12 mm rope or 200 metres of 10 mm rope. | Durable Nylon | 30 | 64 | 0.9 |
| PCA-1257XL | Rope Bag – Extra Large - Will store either 200 metres of 12 mm rope or 400 metres of 10 mm rope. | Durable Nylon with Hard Bottom | 37 | 60 | 1.1 |

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**PORTABLE CAPSTAN WINCH
OTHER ACCESSORIES**



1760426
Briggs & Stratton
82V 2Ah Li Battery



1760428
Briggs & Stratton
230V Charger



PCA-1290
Skidding Cone
for Logs



PCA-1291
Automatic Release
for Open Face
Corner Blocks



PCA-1295
Choker Chain with
C-Hook & Steel Pin



PCA-1310
Pulling Plate for
Vehicles



PCA-1372
HPPE Rope Choker
with Steel Pin

| Model No. | Feature | Material | Length | Diameter | Width | Height | Weight | Minimum Breaking Strength (UTS) |
|-----------------|--|---------------------------------|--------|--------------|--------|--------|---------|---------------------------------|
| 1760426 | 60min Charge Time | High-resistance polymer plastic | 21.5cm | - | 12cm | 8.5cm | 2.6kg | - |
| 1760428 | Charges 2Ah Batteries | High-resistance polymer plastic | 21cm | - | 18.5cm | 10.5cm | 1.5kg | - |
| PCA-1290 | 50cm Opening | High-resistance polymer plastic | 62cm | 50.8cm | 68cm | 52cm | 6.6 | - |
| PCA-1291 | Fits ropes up to 13 mm diameter. | Anodised Steel | 17cm | - | 11cm | 11cm | 0.405kg | - |
| PCA-1295 | - | Anodised Steel | 27cm | 6.35mm | 14cm | 14cm | 2.9kg | - |
| PCA-1310 | Fits towing balls up to 50.8 mm (2") diameter. | Anodised Steel | 27cm | 4.2cm (Knob) | 14cm | 14cm | 1.7kg | - |
| PCA-1372 | Made of 10 mm diameter HPPE rope | High Performance Polyethylene | 2.1m | 6mm | - | - | 0.55kg | 7036kg |



PCA-1276
Steel Locking Carabiner



PCA-1281
Safety Hook



PCA-1282
Locking Grab Hook



PCA-1299
C-Hook for Chain



PCA-1702
Steel Locking Carabiner

| Model No. | Description | Material | Minimum Breaking Strength (UTS) | Diam. | Length | Width | Height | Weight | Cert. | Gate Opening |
|-----------------|--|-------------------------------------|---------------------------------|-------|--------|-------|--------|---------|-------|--------------|
| PCA-1276 | With screw gate lock. | Zinc plated with anodized aluminium | 2550kg | 10mm | 17cm | 11cm | - | 0.16kg | CE | 16mm |
| PCA-1281 | Equipped with a spring-loaded safety gate. | Powder coated steel | 5700kg | - | 17cm | 11cm | 11cm | 0.33kg | - | - |
| PCA-1282 | With latch and 3 chain links. Will accept either 6 mm (1/4") or 7.9 mm (5/16") chain. | Zinc plated steel | - | 6mm | 17cm | 11cm | 11cm | 0.63kg | - | 7.9mm |
| PCA-1299 | Convert an existing chain to an efficient choker chain with this C-Hook | Powder coated steel | 5700kg | - | 10cm | 7.5cm | 1.5cm | 0.34kg | - | - |
| PCA-1702 | Multi-purpose high-quality zinc plated with anodized aluminium steel locking carabiner with screw gate lock. | Zinc plated with anodized aluminium | 5100kg | 12mm | 17cm | 11cm | - | 0.315kg | CE | 19mm |



PORTABLE CAPSTAN WINCH – KITS

PCW-3000-LI-AIK(C) BATTERY WINCH KIT



INCLUDES

- 1 x PCW-3000-Li-AIK Portable Winch
- 1 x Briggs & Stratton 82V-2Ah Li Battery & 230V Rapid Charger
- 1 x PCA-0107 Hard Case
- 1 x Stainless Steel Pulley Block
- 2 x Carabiners
- 2 x Slings
- 50m x 10mm Double Braided Rope

Customer can also purchase the following options:

1. PCW-300-Li-AIK(CC): Winch kit with 2 batteries and charger
2. PCW-3000-Li-AIK: Winch kit without batteries and charger

PCW-3000HK PETROL WINCH KIT



INCLUDES

- 1 x PCW3000 Portable Winch
- 1 x Transport Case
- 1 x Backpack
- 1 x 1.8m Sling
- 1 x Snatch Block
- 2 x Oval Carabiners
- 50m x 10mm Double Braided Rope
- Rope Bag