

CAPSTAN WINCH – PORTABLE



www.air-allied.com.au

PORTABLE CAPSTAN WINCHES



PETROL POWERED
**MODEL NO. PCW-5000 &
PCW-5000-HS**



PETROL POWERED
MODEL NO. PCW-3000



230VAC ELECTRIC POWERED
MODEL NO. PCT1800-50HZ-P



PETROL POWERED
**MODEL NO. PCW-5000-AIR
& PCW-5000-AIR-HS**



PETROL POWERED
MODEL NO. PCH-1000

FEATURES

Portable Winch offer FOUR types of Capstan rope Winches with 7 MODELS available.

If you are working away from conventional power sources, or if you need the convenience of having unlimited rope length – indoors or outdoors – you can choose the winch that suits your application.

CAPSTAN WINCH ADVANTAGES

- Unlimited Rope Length
- Constant Pulling Power
- True Power (100% Duty Cycle*)
- Lightweight
- Quickly attached
- Multiple Speed options
- Easy to Use
- Safe
- Powerful
- Reliable

* Except electric model (25%)



Each style of Portable Winch is supplied with a 2.0m strap for anchoring to trees, power poles or any suitable anchor point



www.air-allied.com.au

PORTABLE CAPSTAN WINCH



PCA-5000 &
PCW-5000-HS



PCH-1000

PCT1800-50HZ-P



MODEL NO.	PCW-3000	PCW-5000	PCW-5000-HS	PCW-5000-AIR	PCW-5000-HS-AIR	PCH-1000	PCT1800-50HZ-P	
APPLICATION	PULLING	PULLING	PULLING	PULLING	PULLING	PULLING/LIFTING	PULLING/LIFTING	
ENGINE	4-STROKE HONDA (all positions) GX-35 cc	4-STROKE HONDA GXH-50cc		Air Motor: Atlas Copco LZL05 S-NEMA, ATEX Certified Class Ex II 2G T2 IIC D240°C**, Air Consumption at maximum output: 78CFM		4-STROKE HONDA GXH-50cc	AC ELECTRIC BALDOR TEFC 230VAC-1ph-¾HP	
GEAR BOX & GEARS	Aluminium alloy gear box-Heat Treated 3 stage spur gears-Shafts mounted on Ball Bearings-Oil bath Lubricant						Aluminium alloy gear box-Heat Treated 3 stage spur gears - Shafts mounted on Ball Bearings-Oil bath Lubricant	
GEAR RATIO	200:1	110:1	53:1	N/A	N/A	110:1		
CLUTCH	N/A	N/A	N/A	N/A	N/A	CENTRIFUGAL	N/A	
ROPE GRABBING SYSTEM	N/A	N/A	N/A	N/A	N/A	INCLUDED-CAN BE DISABLED		
CAPACITY								
MAX PULL FORCE	700kg (76mm Capstan)	1000 kg	350kg (57mm Capstan) / 350kg (85mm Capstan)	1,021kg (57mm Capstan) / 684kg (85mm Capstan)	502kg (57mm Capstan) / 337kg (85mm Capstan)	775kg	820kg	
RATED LIFTING	NOT DESIGNED FOR LIFTING					250kg	250kg	
CAPSTAN DRUMS								
INCLUDED	76mm	57mm	85mm	57mm	57mm	57mm (with safety lip)	85mm (with safety lip)	
OPTIONAL	N/A	85mm	57mm	85mm	85mm	85mm (with safety lip)	57mm (with safety lip)	
URNS AT IDLE	YES	YES	YES	YES	YES	NO	NO On Electric Motor	
SPEED								
57mm DRUM		12m/min	24m/min	7m/min	15m/min	12m/min	7m/min	
76mm DRUM	8m/min			-	-			
85mm DRUM	-	18m/min	36m/min	11m/min	22m/min	18m/min	10.5m/min	
WEIGHT	9.5kg	16kg	16kg	22kg	22kg	19kg	27kg	
WORK CYCLE	CONTINUOUS						25% (15min/hour TO PREVENT MOTOR OVERHEATING)	
DIMENSIONS	29cm wide x 26cm high x 35cm long	37cm wide x 37cm high x 37cm long	37cm wide x 37cm high x 37cm long	34cm wide x 33cm high x 43cm long	34cm wide x 33cm high x 43cm long	52cm wide x 36cm high x 38cm deep	48cm wide x 36cm high x 38cm deep	
ROPE PULLING	DOUBLE BRAID POLYESTER – UNLIMITED LENGTH							
MIN DIAMETER	10mm							
MAX DIAMETER	12mm						16mm	
ROPE LIFTING	NOT DESIGNED FOR LIFTING					DOUBLE BRAID POLYESTER – UNLIMITED LENGTH		
MIN DIAMETER	12mm							
MAX DIAMETER	13mm							
WARRANTY								
WINCH	PRIVATE USE: 5 YEARS / COMMERCIAL USE: 1 YEAR (NOTE: PCW-3000 PRIVATE USE: 1 YEAR / COMMERCIAL USE: 3 MONTHS)							
MOTOR	HONDA INTERNATIONAL WARRANTY							
ANCHORS INCLUDED OPTIONAL	POLYESTER SLING 60mm X 2.0m SEE BELOW FOR AVAILABLE OPTIONS							
ACCESSORIES	FULL LINE OF ACCESSORIES, REFER NEXT PAGE							
SERVICE	SERVICE OFFERED BY SPECIALISED FORCE IN EACH STATE							



PCW-5000-AIR

(Supplied with foot switch & air shut off valve for emergency stop)



PCW-3000

[Accessories sold separately - CASE # **PCA-0102** & BACKPACK HARNESS # **PCA-0104**]

ALL "PORTABLE WINCH" WINCHES ARE CE CERTIFIED