

PCT1800 60Hz-115/230 V⁽¹⁾ 50Hz-110/220 V⁽²⁾



INDUSTRIAL SERIES

Electric Pulling/Lifting Winch

SINGLE LINE PULLING FORCE
1,805 LB

DOUBLE LINE PULLING FORCE
3,610 LB

LIFTING CAPACITY
550 LB

WINCH TILT
360°

SPEED
**MAX 29'/MIN⁽¹⁾
MAX 24'/MIN⁽²⁾**

WEIGHT
53 LB⁽¹⁾ | 60 LB⁽²⁾

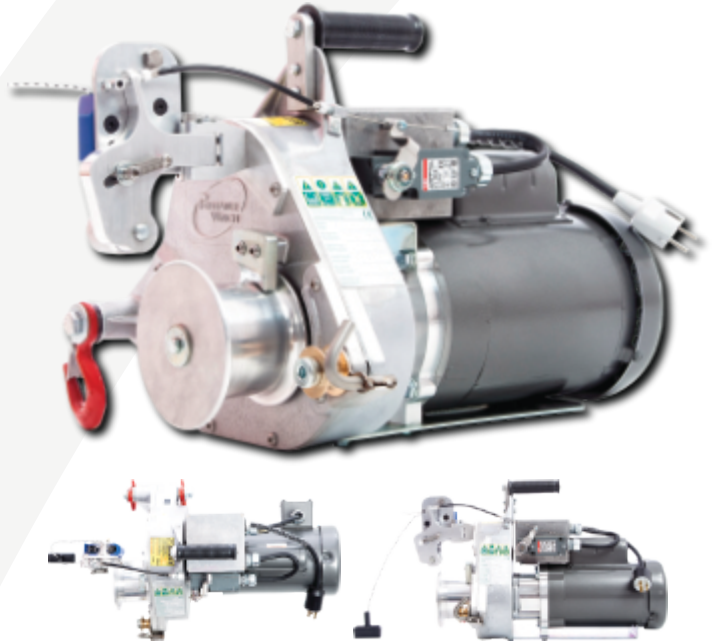
POWER
0.56 kW | 0.75 HP

MOTORIZATION
BALDOR - 1 PH

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

ROPE GRABBING SYSTEM
PCS

COMMERCIAL USE WARRANTY
1 YEAR



	PCT1800-60HZ ⁽¹⁾	PCT1800-50HZ ⁽²⁾
Series	Industrial	
Designed in	2009	
Motor/Engine	BALDOR Baldor AC Electric TEFC - 115/230 VAC 1 ph - 60 Hz 0.56 kW - 0.75 HP @ 3,450 tr/min	BALDOR 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 3-3/8" (85 mm) : 1,805 lb / 3,610 lb	
Optional drum (single line / double line)	Ø 2-1/4" (57 mm) : 2,200 lb / 4,400 lb	
Lifting Capacity		
Standard drum (single line / double line)	Ø 3-3/8" (85 mm) : 550 lb / 1,100 lb	
Optional drum (single line / double line)	Ø 2-1/4" (57 mm) : 550 lb / 1,100 lb	
Speed		
Standard drum	Ø 3-3/8" (85 mm) : 29'/min	Ø 3-3/8" (85 mm) : 24'/min
Optional drum	Ø 2-1/4" (57 mm) : 19'/min	Ø 2-1/4" (57 mm) : 16'/min
Weight	53 lb	60 lb
Dimensions (overall)	21-7/8" x 14-3/8" x 14-3/8"	
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 1/2" (12 mm)	
Maximum diameter	Ø 1/2" (13 mm)	
Recommended diameter	Ø 1/2" (12 mm)	
For lifting	Ø 1/2" (12 mm) with eye splice and thimble	
Included	Polyester sling - 2-1/2" x 6-1/2"	
Warranty	Get 1 additional year of warranty if you register your product at www.portablewinch.com	
Private use	2 years	
Commercial use	1 year	
Motor/Engine	Baldor (ABB) International Warranty	
Certifications	CE IP54 M3 (ISO LIFTING)	