



Mile Marker's all new Project ES (Element Sealed) <u>winches</u> feature best in class line speeds, corrosion proof construction, submersible solenoids with marine-grade connections, and have 19 watertight seals to conquer every element imaginable. Other winches claim "waterproof" or "sealed," but Mile Marker's Project ES winches were independently lab certified to the IP68 standard to be impermeable to liquid and dust. Mile Marker has a full line of the Project ES Winches ranging from 2500 pounds to 15,000 pounds....What's Your Element?

## PE4500(es) PERFORMANCE:

LINE PULL		LINE SPEED		MOTOR CURRENT
lb	kg.	fpm	mpm	amps @ 12 V
0	0	19	5.8	43
500	227	16.2	4.9	62
1000	454	14.4	4.4	95
1500	680	13	3.9	110
2000	907	11.7	3.6	130
2500	1134	10.8	3.3	140
3000	1360	10.2	3.1	152
3500	1588	9.8	2.9	160

## PE4500(es) PRODUCT SPECIFICATIONS:

Part Numbers	76-50115BW		
Rated line pull	4500 lbs (2041 kg)		
Gear Train	3 Stage Planetary		
Gear Ratio	294:1		
Motor	Permanent Magnet, 1.9 hp (1.4 KW), 12 V		
Control Pendant	Power-In, Power-Out Remote, 12' (3.7 m)		
Dimensions (LxWxH)	17.2" X 6.2" X 7.3" (436 mm X 152 mmX 185 mm)		
Cable	1/4" X 80" (nominal 7,000 lbs, 3175 kg) (5.45 mm X 25.9 m)		
Drum Size: Diameter/Length	2.5" X 5.5" (63.5 mm X 140 mm)		
Net weight	51 lbs (23 Kg)		
Bolt Pattern	6.535" X 4.5" (4 bolts), (165.9 mm X 114.3 mm)		

## **PRODUCT FEATURES:**

- Fully Sealed WinchFast Line Speeds
- 1.9 HP Permanent Magnet Motor
- Load Holding Brake
- Marine Grade Remote **Control Connectors**
- Includes Handheld Remote
- Submersible, 500 Amp Solenoid
- All Metal Planetary Gearing
- Galvanized Roller Fairlead
- 80 Feet Galvanized Aircraft Cable
- ATV Recovery/Tree Strap
- Trailer Mount









Redesigned clutch and gear housing



**Handheld Electric Remote** 



Clockable Gear Housing