

# Manual and Power WIRE REELS

## *Reels for Geophysical Applications*



*Desert Bloom 1998, Picacho Peak AZ*

### **DESCRIPTION**

Wire reels: power, hand cranked and/or packable, for transport, layout and retrieval of wire used on a geophysical survey.

# SPECIFICATIONS FOR WIRE REELS

## MANUAL REELS

May be supplied empty or with 610 meters (2,000 feet) of 14 gauge MTW grade transmitter wire. Seven reels of wire are adequate for a standard 7-electrode, 300 meter dipole-dipole IP survey.

### General

Description: Multi-purpose breast, 2:1 turning ratio  
30.5 cm (12 inch) spool diameter  
Capacity: 610 m (2000 ft) 14 gauge MTW  
Construction: Heavy-duty aluminum  
Shaft construction: Hard finished steel  
Shoulder mounts: Durable foam pads covering curved aluminum bars.  
Weight (with wire): 23.6 kg (52 lb)  
(without wire): 6.6 kg (15 lb)

### Dimensions

Size (without crank handle):  
39.8 x 33.0 cm (15.6 x 13.0 in)  
Extension of crank handle from side of reel:  
9.4 cm (3.7 in)  
Main shaft diameter: 1.1 cm (7/16 inch)  
Inside spindle diameter: 9.6 cm (3.8 inch)

### Options

Spare parts and rebuild kit for manual breast reel  
Weight: 1.4 kg (3 lb)  
Wire or cable on reels, specify cable plug type for communications wire

## POWER REELS

May be supplied empty or with 1,067 meters (3,500 feet) of 14 gauge MTW grade transmitter wire. Four reels of wire are adequate for a standard 7-electrode, 300 meter dipole-dipole IP survey.

### General

Description: Multi-purpose power reel with optional power winder, 1:1 turning ratio with hand crank, 30.5 cm (12 inch) spool diameter  
Capacity: 1067 m (3500 ft) 14 gauge MTW  
Shaft construction: Hard finished steel  
Weight (with wire): 40.9 kg (90 lb)  
(without wire): 13.6 kg (30 lb)

### Dimensions

Size: 35 x 35 x 52 cm (14 x 14 x 20.5 in)  
Inside spindle diameter: 7.6 cm (3 inch)

### Options

Power Winder for power reel, uses 12 volt battery source, complete with cables, carrying case, V-belts and hand crank. Provides 6:1 turning ratio.  
Weight: 25.7 kg (56.5 lb)  
Spare parts kit for power winder  
Weight: 9 kg (20 lb)

*Specifications subject to change without notice  
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