



# **SIDEWINDER**

## **FIBER OPTIC PULLER**

**The best cable pulling winch your money can buy for Fiber Optics.**

The GMP SideWinder, Trailer Mounted Fiber Optic Puller has been designed to exceed the requirements of installing telecommunication cables, employing a 32" diameter single capstan to provide a controlled force to the pulling rope or tape. The single capstan allows the winch to be placed at the mid point of a section to assist in the pull, thus enabling longer pulls to be achieved.



The winch is mounted on a sturdy all-steel fabricated chassis. It is equipped with torsional suspension axles, stabilizing prop legs, a front telescopic jockey wheel and a tow bar with a Lunette Ring. At 1400 lbs., the unit is easily pulled by a standard pickup truck.

The power source is a commercial grade Honda GX390 gasoline engine which drives the fixed displacement tandem mounted hydraulic pumps. The hydraulic pump is attached to the engine via a bell housing and flexible coupling. One pump powers a hydraulic motor, through an in-line planetary gearbox, to the capstan while the second pump drives the rope take-up drum through a hydraulic motor. The hydraulic oil tank is fitted with double filtration protection, sight glass and filler/breather.

Controls are operator friendly and very simple to use. A spring centered lever controls the direction of rotation of the capstan, while a detented lever engages the take-drum drive. A control knob is used to limit the rope/cable tension using the panel mounted tension indicator.

The rope take-up drum is removable and can be split to enable removal of rope. The capstan can be rotated through 90° on a swivel bracket from the inline working position to the transverse transit position when in tow. When the winch is in the working mode the rear props are extended out of the chassis to provide greater stability.



**General Machine Products Co. Inc.**

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## SPECIFICATIONS

**Max. Pulling Capacity** 1100 lbs (500 kg)  
**Rope Speed Max.** 200 ft/min (60 m/min)  
**Capstan Diameter** 32" (813 mm)  
**Take up Drum Capacity** 4000 ft (1300m) 1/4" poly rope

### Dimensions:

Length: 123" (3124 mm)  
Overall Width: 69" (1753 mm)  
Height: 57" (1450 mm)  
Weight: 1400 lbs. (635 kg)  
Track: 60" (1676 mm)  
Tire Size: F78-14 205/75D14  
Coupling: Lunette Ring (Pintle hook)  
Lighting Adapter: 7-Way RV Blade Type (others available by request)  
**Power Supply:** Honda GX390 13 HP, Recoil Start, Overhead Valve, Cast Iron  
Cylinder Sleeve, 1.5 Gallon tank

**Load Indication:** Calibrated gauge bezel

**Main Drive:** Fixed displacement tandem pumps to fixed displacement high torque motors.

**Gear Box:** In-line planetary gearbox (capstan drive)

**Gear Oil Grades:** MobileLube HD Plus 85W-140

Refer to the instruction manual supplied with the gearbox for alternative oil types and grades

**Controls:** Pay-in / pay-out spring centered control valve • Detented take-up drum drive control valve • Tension control knob • Tension indicator

**Hydraulic Circuit:** Closed circuit system with full filtration and overload protection

**Hydraulic Oil Tank Capacity:** 16.5 Gal. (63 Liters)

**Hydraulic Oil Grade:** Shell Tellus T-32



GMP Part Number: **70605**



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