

# Hydraulic Winch with Planetary Gear and Hydraulic Brake

This hydraulic winch features a planetary gear system and hydraulic brake. It is suitable for heavy-duty off-road recovery and industrial applications.



## ADDITIONAL IMAGES



## Product Overview

### Heavy-Duty Hydraulic Winch Series

This series of high-performance hydraulic winches is engineered for demanding industrial and recovery applications. Featuring a robust planetary gear system and integrated hydraulic braking, these units provide consistent power and safety under load. Available in 9000 lbs and 12000 lbs capacities, they are designed to withstand harsh environments while delivering precise control for off-road recovery and vehicle-mounted operations.

## Performance Metrics

### Rated Line Pull

**9000 lbs**

Model 9000

**12000 lbs**

Model 12000

### Line Pull by Layer

Layer	9000 lbs Model (lbs)	12000 lbs Model (lbs)
1st	9000	12000
2nd	7800	10200
3rd	6800	8900
4th	6100	7800

## Technical Specifications

### Hydraulic System

- Rated Pressure: 14 MPa
- Rated Input Flow: 60 L/min
- Motor Displacement: 80 ml/r (9000 model) / 100 ml/r (12000 model)

### Mechanical Details

- Gear Ratio: 20.56:1
- Drum Size:  $\varnothing 218$  mm
- Wire Rope Direction: Cable release downwards
- Weight: d60 kg

### Wire Rope

Spec	9000 lbs Model	12000 lbs Model
Diameter	$\varnothing 9.5$ mm	$\varnothing 10.5$ mm
Length	30 m	30 m
Breaking Limit	19000 lbs	25000 lbs

## Installation

### Mounting & Dimensions

Bolt Pattern: 254x114.3 mm, Bolt Pattern: 254x165.1 mm, 8-M12 Bolts