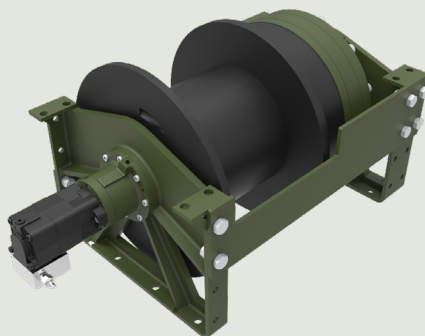


Description

Towing and recovery winch for commercial and service vehicles. This model has a rigid planetary gear, disc brake system and steel cast body ready for challenging tasks. Different configurations are available upon request. Fully compliant with **EN 14492**. Additional equipment and accessories are available as well.



Specifications

Maximum Pulling Capacity : 50000 kg / 110231 lbs

Maximum Rope Length : 58 m / 190 ft

Recommended Wire Rope : Ø30 mm / Ø1 3/16"

Hydraulic Motor (High Torque) : 315 cc / 19.2 in³

Maximum Pump Flow Rate : 75 l/min / 19.81 gal/min

Max Working Pressure : 200 bar / 2900 psi

Weight : 598 kg / 1318 lbs

Additional Equipment

Standard package:

- Rope
- Roller fairlead
- Pressure roller
- Pneumatic freespool
- Hydraulic inlet G 1/2"

Optional:

- Radio control system
- ECU & IQAN equipment
- M20 mounting bolts
- Hydraulic control valve with manual lever

Line Pull and Line Speed Performance

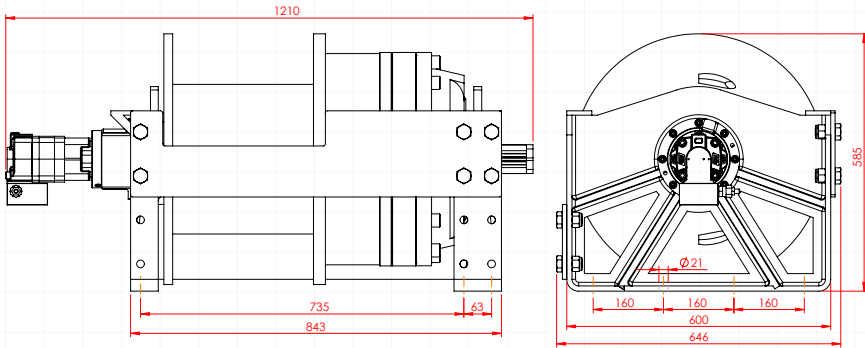
Winding layer	Pulling capacity (kg / lbs)	Rope speed (m/min - ft/min)	Rope length (m/ft)
1	50000 / 110231	2.6 / 8.6	11.7 / 38.3
2	42750 / 94248	3.1 / 10.1	25.3 / 83
3	37337 / 82313	3.5 / 11.5	40.9 / 134.3
4	33140 / 73061	4 / 13	58.5 / 192



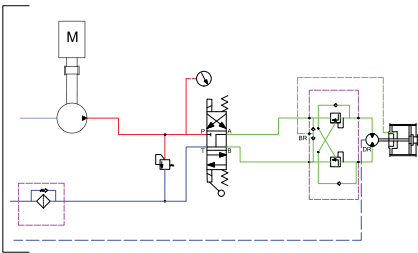
These winches should not be used for lifting and there should be at least 5 wraps of wire rope on the drum. The data shown are for maximum pressure and maximum flow and should be used as a reference only.

PULLFORCE reserves the right to change the specified data without prior notice.

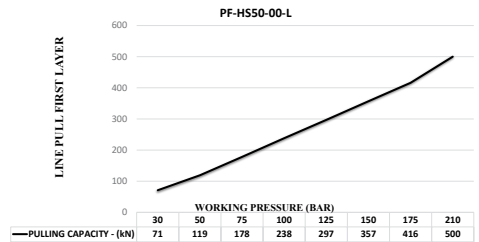
Dimensions



Hydraulic Circuit



Hydraulic Performance



Features

- Gear reduction :** 166.46:1
- Gear type :** Three stage planetary
- Winch construction :** Steel cast body reinforced with heat-treatment
- Braking :** Negative hydraulic disc brake system
- Drum rotation :** Clockwise, or counter clockwise rotation as required
- Roller guides :** Commercial type with large diameter rollers and grease ways
- Free spooling :** Standard pneumatic freespool
- Control valve :** The direction control valves to be used must be A, B, and T. The A and B lines must be open to the T (Tank) line.

Application Areas



Heavy-Duty
Tow Trucks



Low-Bed
Semi-Trailers



Towing and
Recovery Vehicles



Trailers



Offroad Trucks



Each new winch is guaranteed against defects in workmanship and material defects for a period of 24 months from date of purchase. Wire ropes are not included under warranty.