

The nominal pull value is what the winch performs with the first layer of rope. For physical reasons as the rope unrolls and therefore the diameter of the drum decreases, the speed increases and the force decreases (however at that point the load to be pulled is already moving and therefore the friction to overcome is less).

## Electric Winches

	Max F at 1 <sup>st</sup> layer daN	Supply Voltage V	Rope Diameter mm	Drum Capacity m
WE2000	2020	12	8	35
WE3000	3000	12	8	60
WE3800	3780	24	10	35
WE4800	4780	24	12	30
WE-AS2700	2700	220	8	25
WE-A2700	3520	220/380	10	35
WE-A2700I	3520	220 with INVERTER	10	35

## Hydraulic Winches

	Max F at 1 <sup>st</sup> layer daN	Pressure bar	Max S m/min	Flow l/min	Rope Ø mm	Drum Capacity m
WH1000	997	100	12	20	8	25
WH1500	1425	100	9	20	8	45
WH2000	2020	140	8	40	8	60
WH2400	2420	140	10	40	8	70
WH3000	3020	140	12	40	10	40
WH3700	3700	140	11	60	20	40
WH4000	4020	140	8	60	12	70
WH4700	4720	140	12	60	12	70
WH5700	5700	110	6	60	12	70
WH6700	6700	140	7	75	14	60
WH8000	8000	200	18	125	16	70
WH8500	8500	200	18	90-100	16	70
WH9461	9461	200	18	125	18	50
WH10000	10000	200	14	125	18	80
WH13000	13000	200	13	125	20	60



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# Winches

PURE POWER AT YOUR SERVICE

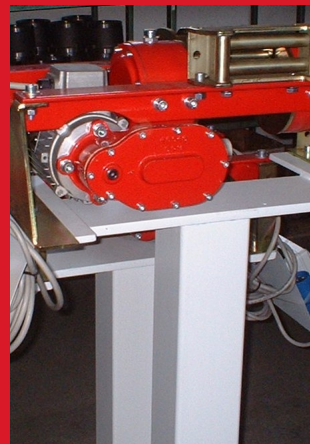
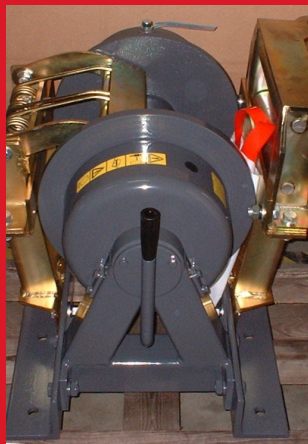


## Worm Gear Winch

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Why choose it? There are several reasons. By increasing the circumference of the crown, the transmission ratio can be considerably reduced and consequently the applicable torque can be increased. Normal gears would require more parts to do the same thing, which means more parts prone to damage.

Another reason is that it is impossible for the crown to suddenly reverse its movement due to the friction between the worm gear and the wheel, even with the force applied to it. This makes it unnecessary to add a stop device. The worm gear winch is self-braking.



## Electric or Hydraulic?

### ELECTRIC WINCHES

- The installation is cheaper
- They cannot work continuously
- They also work with the engine off
- They can be easily installed

### HYDRAULIC WINCHES

- They can provide more power
- The engine does not overheat
- They can work underwater
- Installation requires pipes and fittings



# APPLICATIONS

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## FORESTRY

Hydraulic winches for several heavy-duty applications. They can be installed on various components such as buckets, arms of excavators, front / rear frames, frameworks, etc.

## MOBILE APPLICATIONS

Hydraulic and electric winches for road rescue trucks and semi-trailers. The chosen speed / pull values guarantee gradual motion of large loads while automatic braking guarantees safety.

## CONSTRUCTION - INDUSTRY

Winches with 220V / 380V electric motor and IP55 protection index that can be installed in various types of construction sites, even in fixed or semi-fixed structures.