

Pulling Force
200 KN

TREIBMATIC NG 20
Hydraulic Recovery Winch

TREIBMATIC NG 20



The ROTZLER TREIBMATIC NG 20 is the state-of-the-art recovery winch, maintaining all advantages of the well known TREIBMATIC technology - the next generation TREIBMATIC offers highest flexibility, faster rope speed, and longer rope length to perfectly meet the expanding requirements of today's recovery operations.

Benefits

◆ Reduced recovery time:

- ◆ Horsepower control ensures the highest possible speed at the present pulling force during a recovery task using the maximum power installed.
- ◆ The patented gearbox allows to shift gears under load and speed, giving seamless pulls from the first meter to the last.
- ◆ Rope can be deployed and stored at 90 m/min rope speed – short set up.

◆ Versatile with maximized performance:

- ◆ Constant pulling force over the entire rope length combined with a significant action radius guaranteed by a very long rope length, ensures being prepared for even the most complex recovery tasks.

◆ Safe operation:

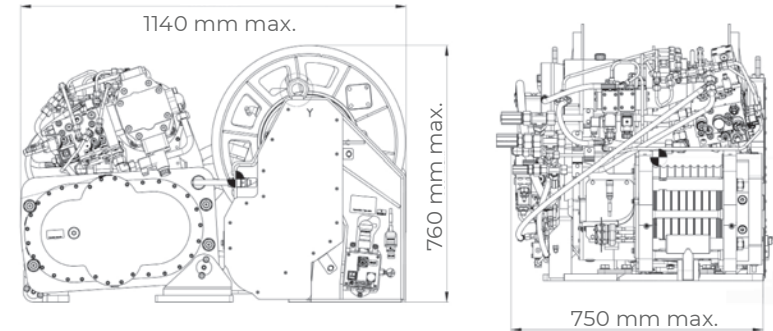
- ◆ The ECU controlled winch operation monitors condition ensuring safe operation.
- ◆ Meeting latest safety standards EN 13849.
- ◆ Rope length and pulling force measurement options allow total transparency of how the winch performs during the recovery task.
- ◆ Software based functionality offers significant support for the operator to use the winch efficiently and safely.

◆ Reduced operation costs:

- ◆ No contact of rope windings under load minimizes wear and avoids rope damage.
- ◆ Rope storage almost load free in separate storage device minimizes rope wear.
- ◆ Innovative spooling device (patent pending) significantly reduces wear on rope.

◆ Reliable operation:

- ◆ Single layer operation generating pulling force ensures proper handling of unloaded wire rope.
- ◆ Constant pulling force over the entire rope length avoids the re-tackle due to reduced winch pulling force as known with typical drum winches.



◆ Mobility support avoids time consuming recovery:

- ◆ The ability of the winch offering substantial pulling force at 90 m/min speed allows to assist vehicles in critical terrain under risk of loss of traction rather than wait for them to be bogged down and then perform a recovery task.

◆ Minimized and optimized through life support:

- ◆ The winch design allows easy access to all maintenance relevant areas.
- ◆ The advanced gear box design significantly minimizes maintenance effort.
- ◆ Optional data logging opens door to preventive maintenance on a "on need base".
- ◆ Self contained system design of the winch assembly minimizes and simplifies a quick replacement of the entire assembly.

TREIBMATIC NG 20	load mode	horsepower control mode
max. pulling force [kN]	200	200
rated pulling force [kN]	167	167
rope speed at 167 kN pulling force [m/min]	10	10
rope speed at 16 kN pulling force [m/min]	-	90
max. rope length [m]; rope diameter [mm]	150 ; 20	
winch system weight w/o rope, approx. [kg]	640	