

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 and pulling operations.

## Benefits

### ◆ Reduced recovery/operating 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 tasks.

### ◆ Safe operation:

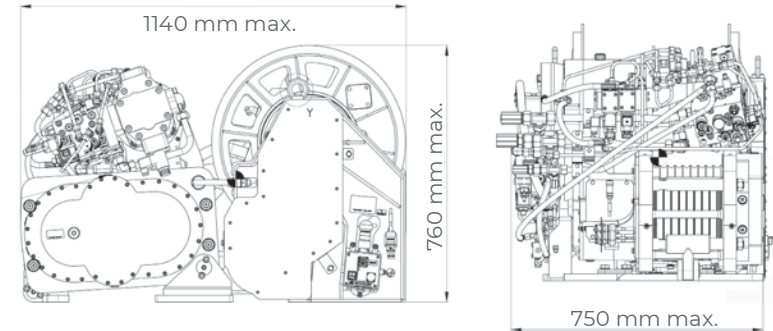
- ◆ The ECU controlled winch operation monitors condition ensuring safe operation.
- ◆ Meeting latest safety standards EN 13849.
- ◆ Rope length and pulling force measurement options allow total transparency of how the winch performs during the recovery task.
- ◆ Software based functionality offers significant 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 in kN	200	200
rated pulling force in kN	167	167
rope speed at 167 kN pulling force in m/min	10	10
rope speed at 16 kN pulling force in m/min	-	90
max. rope length in m; rope diameter in mm	150 ; 20	
approx. winch system weight w/o rope in kg	640	