



## Worm Gear Hand Winch WW250-1500

### Product information

This hand winch is very safe due to the natural braking effect of the worm gear transmission in combination with the load pressure brake. In addition, the winch is easy to use, can be mounted in various ways and has a cable storage up to 120 meters.

- winch suitable for lifting and pulling
- load pressure brake with double ratchet system for safe stable hold of the load in any position
- cable outlet upwards, downwards or at rear
- adjustable crank
- suitable for wall and (optional) floor mounting
- 1 layer of paint

#### Options:

- zinc-plated finish 6 - 8 micron (EV)
- 2 layers of paint (2L)
- grooved drum (GD)
- 2 drum compartment (2D) or multiple up to 8 (XD)
- suitable for Dyneema rope (DY)
- pressure roller (PR)
- suitable to use with webbing belt W:50 mm D:2 mm (WB)  
belt storage WW250: 10 m  
belt storage WW500 - WW1000: 14 m
- suitable for floor mounting (FM)
- ATEX certified zone 2 and 22 (EX)  
CE II 3G Ex IIC T4 Gc, -20°C<T amb <+70°C  
CE II 3D Ex IIIC T135°C Dc, -20°C<T amb <+70°C

**Material:** Steel

**Marking:** According to standard, CE-marked

**Finish:** Standard paint finish (thickness is 60-80 micron in 1 layer) in grey (RAL 7035) and black (RAL 9005) according to DIN 12944, C1M

**Standard:** EN 13157

**Note:** Steel or stainless steel wire ropes must be ordered separately

**Safety factor:** 4:1

| Part Code       | Code   | WLL ton | Rope Ø mm | Crank force N | Rope capacity m | Lifting speed m/min. | WLL Lifting outer layer (kg) | A mm | B mm | C mm | D mm | G mm | H mm | J mm | K mm | L mm | M mm | N mm | O mm | P mm | R mm | S mm | Weight kg | Delivery time |
|-----------------|--------|---------|-----------|---------------|-----------------|----------------------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|---------------|
| 501300250000370 | WW250  | 0.25    | 4         | 5             | 104             | 1                    | 92                           | 238  | 145  | 100  | 192  | 107  | 105  | 48   | 14   | 160  | 191  | 15   | 365  | 280  | 171  | 132  | 10        | 7             |
| 501300050000370 | WW500  | 0.5     | 6         | 10            | 78.2            | 1.2                  | 224                          | 269  | 160  | 115  | 223  | 108  | 135  | 70   | 14   | 190  | 221  | 15   | 393  | 325  | 193  | 132  | 13        | 7             |
| 501300100000370 | WW1000 | 1       | 8         | 13            | 72.5            | 0.8                  | 527                          | 302  | 195  | 141  | 254  | 109  | 162  | 102  | 17   | 240  | 266  | 15   | 440  | 350  | 263  | 132  | 22        | 7             |
| 501300150000370 | WW1000 | 1.5     | 10        | 14            | 41              | 0.5                  | 846                          | 302  | 250  | 178  | 254  | 109  | 162  | 102  | 17   | 240  | 278  | 15   | 451  | 350  | 306  | 132  | 24        | 7             |

## Blueprint

