Lifting Solutions Group
Axel Johnson International

# Manual - Wormgear Winch - Manibox VS

**Product information**

Hand wormgear winches for daily use, from 250 to 3500 kg. Availiable with painted, galvanized or stainless steel frame.

**Applications:**

- Lifting or pulling/hauling operation
- Wall-mounted or flat
- Industry
- Shows, sceneries
- Water treatment, water dams
- Sports rooms
- Hanging chandeliers

**Technical properties:**

- Compact and rugged construction with steel frame.
- Machined parts.
- Steel or cast iron drum depending on models.
- Painted, galvanised or stainless steel frames available. -
- Flat mounted or wall mounted. 4 fixation points.
- Fully protected gear system.
- Removable crank positioned on the left hand side for VS 250/320/500/750/3000/3500 and on the right hand side for VS 1000/1450/1500/2000/2500.
- Free spooling drum (except VS 250/320), only when not in load.
- Composite material automatic brake.
- Failsafe system for correct rope winding direction (patented).

**Options:** Wire rope and hook

... *Read more*

**Marking:** According to standard, CE-mark
**Temperature range:** -10°C to +50°C
**Finish:** Painted, galvanized or stainless steel frames.
**Standard:** EN 13157

**Traction Levage**
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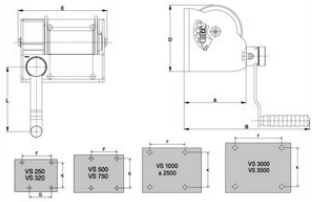
## Blueprint



## Technical data

| Part code | WLL ton | Rope Ø mm | Capacity 1st layer kg | Number of layers | Lift per crank revolution mm | Hand force max. kg | Max. drum capacity m | Drum Ø mm | A mm | B mm | D mm | E mm | F mm | G mm | K mm | L mm | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 501300030000150 | 0.25 | 5 | 0.38 | 4 | 17 | 11 | 15 | 50 | 140 | 307 | 142 | 206 | 130 | 95 | 100 | 240 | 7.5 |
| 501300030000151 | 0.32 | 6 | 0.38 | 2 | 17 | 11 | 6 | 50 | 140 | 307 | 142 | 206 | 130 | 95 | 100 | 240 | 7.5 |
| 501300050000150 | 0.5 | 7 | 0.75 | 4 | 11 | 14 | 18 | 62 | 162 | 325 | 175 | 233 | 112 | - | 130 | 240 | 12 |
| 501300080000150 | 0.75 | 7 | 0.75 | 1 | 11 | 14 | 3 | 62 | 162 | 325 | 175 | 233 | 112 | - | 130 | 240 | 12 |
| 501300100000150 | 1 | 9 | 1.45 | 4 | 8 | 14 | 30 | 103.5 | 302 | 470 | 302 | 322 | 167 | - | 250 | 340 | 37.5 |
| 501300150000150A | 1.45 | 10 | 1.45 | 1 | 8 | 14 | 5 | 103.5 | 302 | 470 | 302 | 322 | 167 | - | 250 | 340 | 37.5 |
| 501300150000150 | 1.5 | 11.5 | 2 | 3 | 6 | 14 | 23 | 105 | 350 | 518 | 330 | 370 | 200 | - | 250 | 340 | 52 |
| 501300200000154 | 2 | 12 | 2 | 1 | 6 | 14 | 5.5 | 105 | 350 | 518 | 330 | 370 | 200 | - | 250 | 340 | 52 |
| 501300200000150 | 2 | 13 | 2.5 | 2 | 5 | 14.5 | 17 | 121 | 356 | 520 | 390 | 420 | 260 | - | 295 | 340 | 80 |
| 501300250000150 | 2.5 | 13 | 2.5 | 1 | 5 | 14.5 | 7 | 121 | 356 | 520 | 390 | 420 | 260 | - | 295 | 340 | 80 |
| 501300300000150 | 3 | 16 | 3.5 | 2 | 3 | 15 | 18.5 | 145 | 480 | 640 | 450 | 530 | 390 | - | 380 | 340 | 140 |
| 501300350000150 | 3.5 | 16 | 3.5 | 1 | 3 | 15 | 7.5 | 145 | 480 | 640 | 450 | 530 | 390 | - | 380 | 340 | 140 |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