

MANIBOX VS



▶ Capacities from 250 to 3500 kg.
Hand wormgear winches.

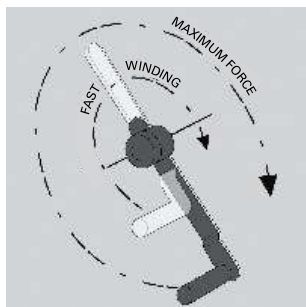
- ▷ Daily use.
- ▷ Compact and rugged construction with steel frame.
- ▷ Machined parts.
- ▷ Steel or cast iron drum depending on models.
- ▷ Painted, galvanised or stainless steel frames available.
- ▷ Flat mounted or wall mounted. 4 fixation points.
- ▷ Fully protected gear system.
- ▷ Removable crank 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 (m/l or kit) and hook (see p. 94-98).

Strong points



△ Crank positioned on the right hand side for VS 1000/1450/1500/2000/2500.



△ Removable crank. Adjustable crank handle for fast winding or on the contrary for maximum force.



△ Highly reliable cable clamp not requiring special tool with rope winding direction guide.



△ Maximum safety : Ratchet automatic brake with stainless steel spring + worm gear.



△ Ergonomic and comfortable rotating handle.



△ Captive crank adjusting knob.



△ Drum release impossible when in load (except VS 250/320 without drum release).

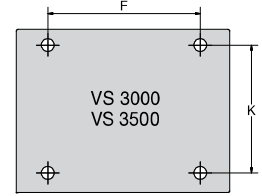
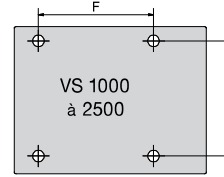
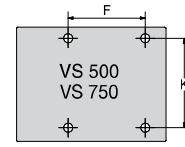
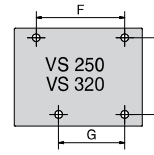
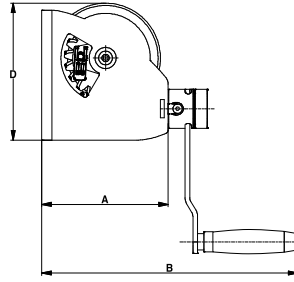
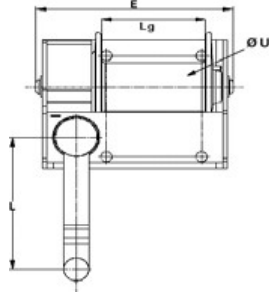


△ With galvanised frame.





Dimensions



| Models | VS 250 | VS 320 PREM | VS 500 | VS 750 PREM | VS 1000 | VS 1450 PREM | VS 1500 | VS 2000 PREM | VS 2000 | VS 2500 PREM | VS 3000 | VS 3500 PREM |
|---------------|--------|----------------|--------|----------------|---------|-----------------|---------|-----------------|---------|-----------------|---------|-----------------|
| A mm | 140 | 140 | 162 | 162 | 302 | 302 | 350 | 350 | 356 | 356 | 480 | 480 |
| B mm | 307 | 307 | 325 | 325 | 470 | 470 | 518 | 518 | 520 | 520 | 640 | 640 |
| D mm | 142 | 142 | 175 | 175 | 302 | 302 | 330 | 330 | 390 | 390 | 450 | 450 |
| E mm | 206 | 206 | 233 | 233 | 322 | 322 | 370 | 370 | 420 | 420 | 530 | 530 |
| F mm | 130 | 130 | 112 | 112 | 167 | 167 | 200 | 200 | 260 | 260 | 390 | 390 |
| K mm | 100 | 100 | 130 | 130 | 250 | 250 | 250 | 250 | 295 | 295 | 380 | 380 |
| L mm | 240 | 240 | 240 | 240 | 340 | 340 | 340 | 340 | 340 | 340 | 340 | 340 |
| Ø U mm | 50 | 50 | 62 | 62 | 103,5 | 103,5 | 105 | 105 | 121 | 121 | 145 | 145 |
| Lg mm | 97 | 97 | 122 | 122 | 176 | 176 | 220 | 220 | 262 | 262 | 289 | 289 |

Applications

- ▷ Sport arena, performance halls (scenery...).
- ▷ Water treatment...



△ Opening of a sluice gate.



△ Conveyor belt tensioning.



△ Lifting molds in the industry.



△ Specific winch for stage industry.

Technical characteristics

| References | VS 250 | VS 320 PREM | VS 500 | VS 750 PREM | VS 1000 | VS 1450 PREM | VS 1500 | VS 2000 PREM | VS 2000 | VS 2500 PREM | VS 3000 | VS 3500 PREM |
|-------------------------------|------------|----------------|------------|----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|
| Capacity top layer kg | 250 | 320 | 500 | 750 | 1000 | 1450 | 1500 | 2000 | 2000 | 2500 | 3000 | 3500 |
| Capacity 1st layer kg | 380 | 380 | 750 | 750 | 1450 | 1450 | 2000 | 2000 | 2500 | 2500 | 3500 | 3500 |
| Nb of layers | 4 | 2 | 4 | 1 | 4 | 1 | 3 | 1 | 2 | 1 | 2 | 1 |
| Maxi. drum capacity m | 15 | 6 | 18 | 3 | 30 | 5 | 23 | 5.5 | 17 | 7 | 18.5 | 7.5 |
| 1st layer drum capacity m | 2.5 | 2.5 | 3 | 3 | 5.5 | 5 | 5.5 | 5.5 | 7 | 7 | 7.5 | 7.5 |
| Wire rope Ø mm | 5 | 6 | 7 | 7 | 9 | 10 | 11.5 | 12 | 13 | 13 | 16 | 16 |
| Lift per crank revolution mm | 17 | 17 | 11 | 11 | 8 | 8 | 6 | 6 | 5 | 5 | 3 | 3 |
| Maxi. crank effort kg | 11 | 11 | 14 | 14 | 14 | 14 | 14 | 14 | 14.5 | 14.5 | 15 | 15 |
| Weight (without wire rope) kg | 7,5 | 7,5 | 12 | 12 | 37,5 | 37,5 | 52 | 52 | 80 | 80 | 140 | 140 |

The wire rope diameter corresponds to the capacity on the top layer with a safety coefficient of (about) 5 when lifting with non-rotating wire rope.

