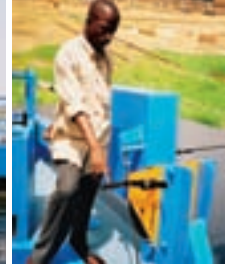
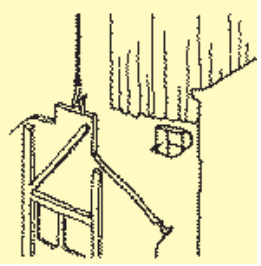


HAND SPURGEAR WINCHES. MANIBOX GR 150 kg to 2 t



GR 500

Use: lifting or pulling

Position: on the flat or wall-mounted (up to 500 kg)

- Industry
- Theatre applications (sceneries...)
- Water treatment, water retentions
- Transport: trailers, barges
- Sports rooms
- Suspensions

Technical properties:

- Mechanical parts machined and protected by cataphoresis
- Stainless steel ratchet spring
- Straight-cut gears
- Automatic brake made of composite materials
- Reduction system fully protected by a metal or plastic hood providing absolute safety
- Disengageable drum, no load only, combined with a system preventing the cable rolling the wrong way. Patented system
- Ergonomic and removable crank handle with rotating grip. The crank length is adjustable for maximum mechanical advantage (to handle heavy loads) or quick winding up of light loads (or rewindind)
- Captive tightening knob



GR 500 inox



Indicated capacity = on last layer

STRONG POINTS



Automatic brake with ratchet and stainless steel spring offering optimum proof for this type of winch.



Captive crank adjusting knob.



Freespooling, using a release catch, allows quick rope pay out. Does not operate under load.



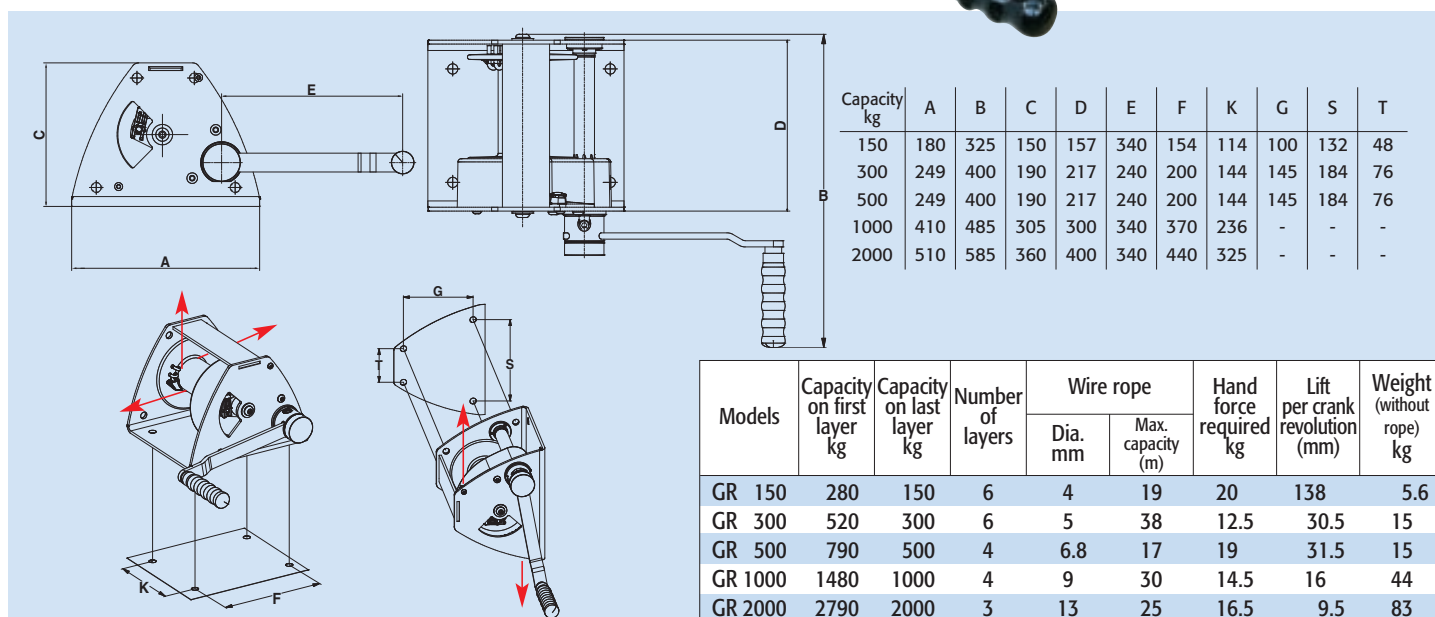
Adjustable crank handle for fast winding or otherwise, maximum capacity. Maximum capacity.



Highly reliable rope fastener, not requiring any special tool. With rope winding direction polarizer.

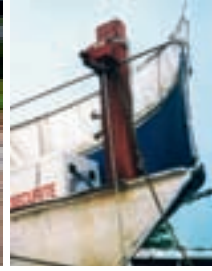
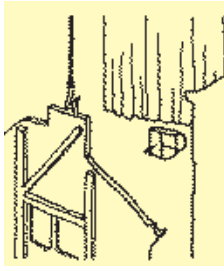
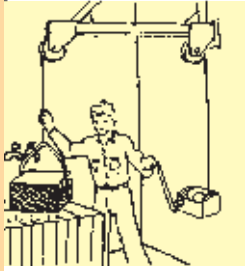


GR 1000



The indicated rope diameter corresponds to the capacity on the last layer.

HAND WORMGEAR WINCHES. MANIBOX VS 250 kg to 3 t



VS 500 kg



VS 1500
(2 speed type)



Use: lifting or pulling

Position: on the flat or wall-mounted

- Industry
- Theatre applications (sceneries...)
- Water treatment, water retentions
- Transport: trailers, barges
- Sports rooms
- Suspensions

Technical properties:

- Absolute safety by wormgear reduction + automatic brake
- Stainless steel ratchet spring
- Mechanical parts machined and protected by cataphoresis
- Covers over mechanical parts
- Disengageable drum, no load only, combined with a system preventing the cable rolling the wrong way (except VS 250). Patented system
- Ergonomic and removable crank handle with rotating grip. The crank length is adjustable for maximum mechanical advantage (to handle heavy loads) or quick winding up of light loads (or rewinding)
- Captive adjusting knob

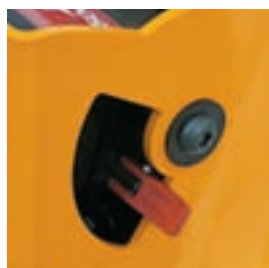


VS 500
galvanised



STRONG POINTS

Absolute safety: worm screw and automatic brake.



Disengageable drum (except on VS 250).



Captive crank adjusting knob.



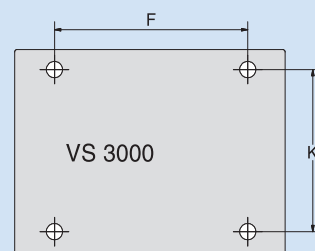
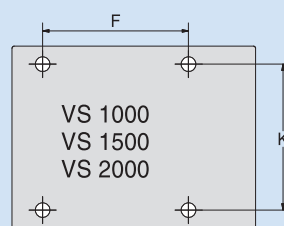
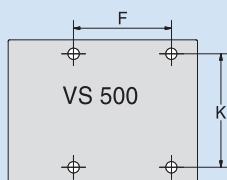
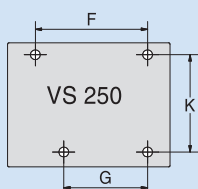
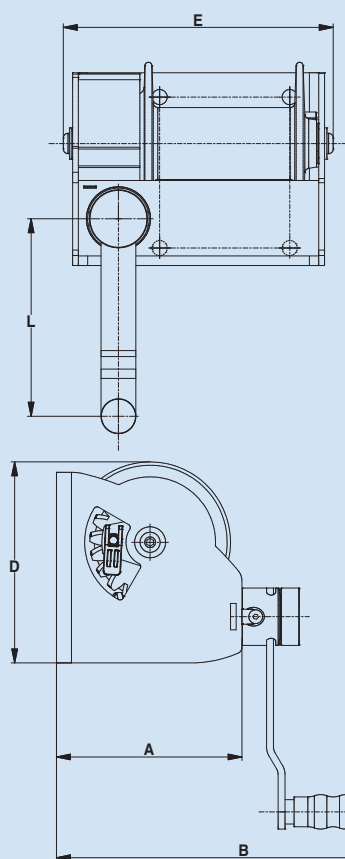
Highly reliable rope fastener, not requiring any special tool.



Adjustable crank handle for fast winding or otherwise, maximum capacity.



Special winch
for stage equipment



Capacity kg	A	B	D	E	F	G	K	L
250	140	307	142	206	130	95	100	240
500	162	325	175	233	112	-	130	240
1000	302	470	302	322	167	-	250	340
1500	360	525	330	370	167	-	250	340
2000	360	525	390	420	260	-	295	340
3000	430	595	450	530	350	-	380	340

Models	Capacity on first layer kg	Capacity on last layer kg	Number of layers	Wire rope		Hand force required kg	Lift per crank revolution (mm)	Weight kg
				Dia. mm	Max. capacity (m)			
VS 250	380	250	4	5	15	11	17	7.5
VS 500	790	500	4	6.8	17	14	11	12
VS 1000	1480	1000	4	9	30	14	8	37.5
VS 1500	2100	1500	3	11.5	23	14	6	45
VS 2000	2400	2000	2	13	17	14.5	5	70
VS 3000	3000	3000	1	15.8	10	16	5	120

The indicated rope diameter corresponds to the capacity on the last layer.