

HAND SPURGEAR WINCHES MANIBOX GR 300 TO 2750 KG



CE – Comply with Machines Directive 2006/42/EC. Developed and manufactured in accordance with standard NF E N 13157.

- Position: wall-mounted (GR 300, GR 530 and GR 500) or flat.
- Industry.
- Auditoriums, theatre scenery.
- Water treatment, water dams.
- Transport: trailers, barges.
- Sports rooms.
- Hanging chandeliers...

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 cover providing maximum safety.
- Disengageable drum, no load only, associated with a failsafe system in the rope wind direction (patented).
- Ergonomic and removable crank handle with rotating grip. This crank arm can be adjusted to minimise effort according to the loads.
- Finition: painted frame, galvanized or stainless steel.

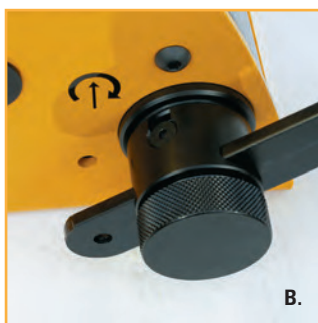


GR 500

Strong points



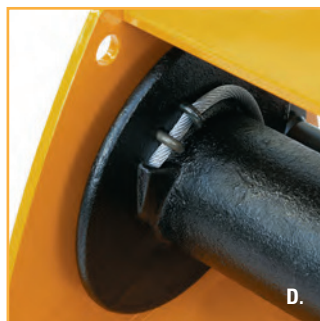
A.



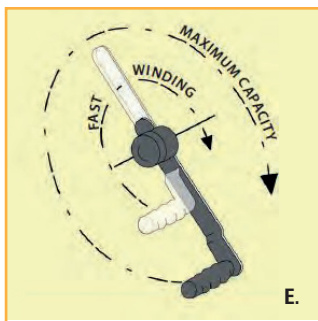
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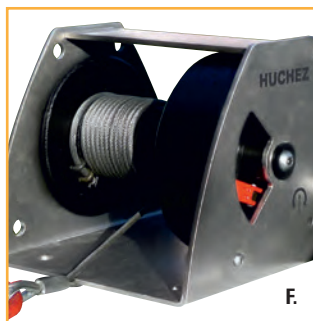
C.



D.



E.



F.

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

B. Captive crank adjusting knob.

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

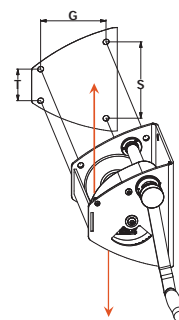
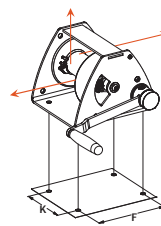
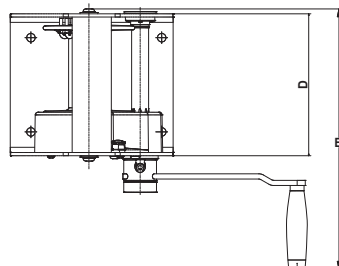
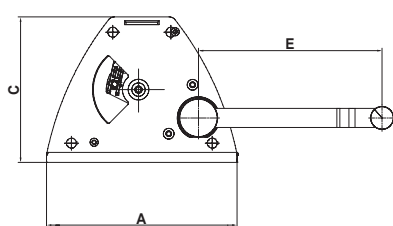
D. Highly reliable rope fastener, not requiring any special tool. With rope winding direction polarizer.

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

F. Stainless steel frame available.

HAND SPURGEAR WINCHES MANIBOX GR FROM 300 TO 2750 KG

Dimensions



Models	GR 300	GR 530	GR 500	GR 750	GR 1000	GR 1450	GR 2000	GR 2750
A mm	249	249	249	249	410	410	510	510
B mm	400	400	400	400	485	485	585	585
C mm	190	190	190	190	305	305	360	360
D mm	217	217	217	217	300	300	400	400
E mm	240	240	240	240	340	340	340	340
F mm	200	200	200	200	370	370	440	440
G mm	145	145	145	-	-	-	-	-
K mm	144	144	144	144	236	236	325	325
S mm	184	184	184	-	-	-	-	-
T mm	76	76	76	-	-	-	-	-

Applications



1. Installing a reel on a specific trailer.
2. Valve opening.

3. Positioning rolls of paper on a workstation.
4. Lifting hatches.

Technical characteristics

References	GR 300	GR 530	GR 500	GR 750	GR 1000	GR 1450	GR 2000	GR 2750
Capacity 1st layer kg	500	530	750	750	1450	1450	2750	2750
Capacity top layer kg	300	530	500	750	1000	1450	2000	2750
Nb of layers	6	1	4	1	4	1	3	1
Wire rope cap. 1st layer m*	4	4	3	3	5.5	5	6	6
Wire rope cap. top layer m*	38	4	18	3	30	5	25	6
Wire rope Ø mm	5	6	7	7	9	10	13	13
Lift per crank revolution mm	30.5	30.5	31.5	31.5	16	16	9.5	9.5
Max. hand force on crank kg	12.5	12.5	19	19	14.5	14.5	16.5	16.5
Weight (without wire rope) kg	15	15	15	15	44	44	83	83

The indicated rope diameter corresponds to the capacity on the top layer with a safety coefficient equal to (about) 5 when lifting with non-rotating rope. * Rope and hook extra (see p.88 to 91).