

Worm gear winch WW250-500-1000-1500 ..D



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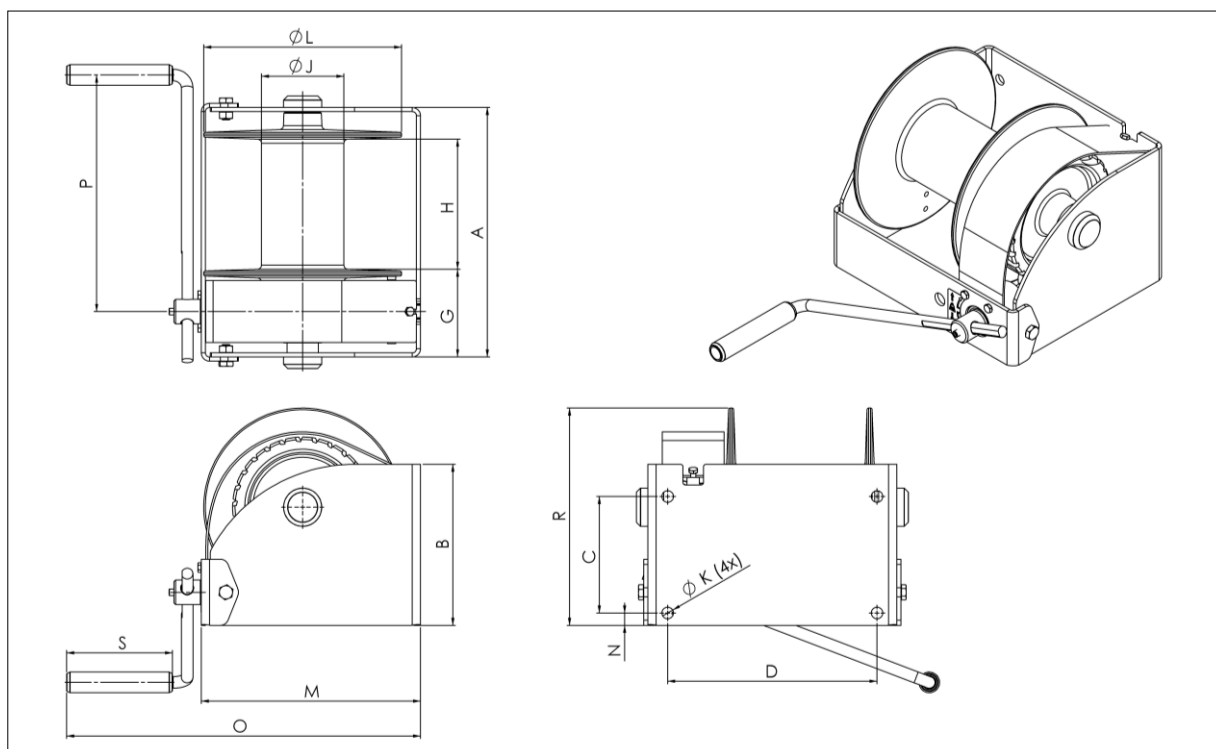


Hand operated worm gear winch:

- robust and safe hoisting winch
- static safety factor of 4
- square worm-wormwheel transmission and maintenance free bearing
- adjustable crank, with ergonomic grip
- easy to grease worm-wormwheel transmission
- load pressure brake with quiet double ratchet system
- standard paint finish 1 layer (60-80 Micron), or zinc-plated finish (6 – 8 Micron)
- optional ATEX certified  II 3 GD T4, suitable for zone 2 and 22.
type example WW250 GR/D/Ex
- grooved drum as extra option (GD instead of D)
- 2 cable compartments as extra option (2D instead of D), multi compartments upon request
- in compliance with EN 13157, DIN15020 and Ex types ATEX 95 (94/9/EG)

Technical specifications

WW250-500-1000-1500 ..D



TYPE

Type	Mounting	Material	Remarks
WW250 GR/D	Wall, 4x M12 class 8.8	Painted finish	RAL 7044 (silk grey)
WW250 EV/D	Wall, 4x M12 class 8.8	Zinc-plated finish	
WW500 GR/D	Wall, 4x M12 class 8.8	Painted finish	RAL 7044 (silk grey)
WW500 EV/D	Wall, 4x M12 class 8.8	Zinc-plated finish	
WW1000 GR/D	Wall, 4x M16 class 8.8	Painted finish	RAL 7044 (silk grey)
WW1000 EV/D	Wall, 4x M16 class 8.8	Zinc-plated finish	
WW1500 GR/D	Wall, 4x M16 class 8.8	Painted finish	RAL 7044 (silk grey)
WW1500 EV/D	Wall, 4x M16 class 8.8	Zinc-plated finish	

DIMENSIONS (mm)

Type	A	B	C	D	G	H	J	K	L	M	N	O	P	R	S
WW250	238	145	100	192	106	102	48	14	160	191	15	354	280	171	130
WW500	269	160	115	223	107	131	70	14	190	221	15	384	325	192	130
WW1000	302	195	141	254	110	160	102	17	240	266	15	429	350	264	130
WW1500	302	250	178	254	111	160	102	17	240	278	15	441	350	306	130

SPECIFICATIONS

Technical specifications	WW250	WW500	WW1000	WW1500
Capacity:				
1 st cable layer	250 kg	500 kg	1000 kg	1500 kg
last cable layer	95 kg	239 kg	542 kg	845 kg
Crankforce 1 st cable layer	6 daN	10 daN	13 daN	14 daN
Hoisting length by one rotation of crank , 1 st layer	17 mm	20 mm	13 mm	9 mm
Maximum cable storage (one drum compartment)	59 m	77 m	55 m	42 m
Diameter cable	5 mm	6 mm	9 mm	10 mm
Min. breaking load cable	15,9 kN	22,9 kN	51 kN	63 kN
Own weight	13 kg	16 kg	29 kg	28 kg

Worm gear winch

WW2000-3000-4000-5000 ..D



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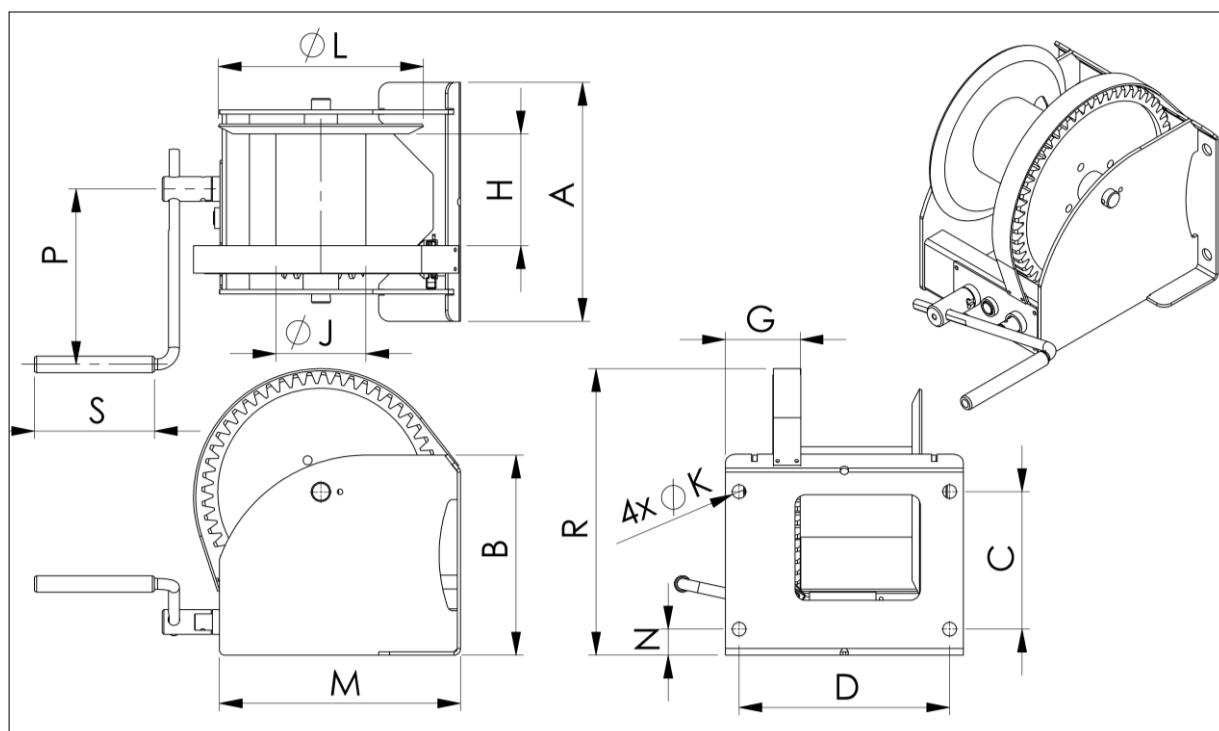


Hand operated worm gear winch:

- robust and safe hoisting winch, with two speeds
- static safety factor of 4
- square worm-wormwheel transmission, and maintenance-free bearing
- cable outlet on top or rear
- adjustable crank from 250 to 380 mm, with ergonomic plastic hand grip
- load pressure brake with double ratchet system
- standard paint finish 1 layer (60-80 Micron), or zinc-plated finish (6 – 8 Micron)
- grooved drum as extra option (GD instead of D)
- 2 cable compartments as extra option (2D instead of D), multi compartments upon request
- in compliance with EN 13157, DIN 15020
- optional ATEX certified  II 3 GD T4, suitable for zone 2 and 22.

Technical specifications

WW2000-3000-4000-5000 .. /D



TYPE

Type	Mounting	Material	Remarks
WW2000 GR/D	Wall, 4x M20 class 8.8	Painted finish	RAL 7044 (silk grey)
WW2000 EV/D	Wall, 4x M20 class 8.8	Zinc-plated finish	
WW3000 GR/D	Wall, 4x M20 class 8.8	Painted finish	RAL 7044 (silk grey)
WW3000 EV/D	Wall, 4x M20 class 8.8	Zinc-plated finish	
WW4000 GR/D	Wall, 4x M20 class 8.8	Painted finish	RAL 7044 (silk grey)
WW4000 EV/D	Wall, 4x M20 class 8.8	Zinc-plated finish	
WW5000 GR/D	Wall, 4x M20 class 8.8	Painted finish	RAL 7044 (silk grey)
WW5000 EV/D	Wall, 4x M20 class 8.8	Zinc-plated finish	

DIMENSIONS (mm)

Type	A	B	C	D	G	H	J	K	L	M	N	P	R	S
WW2000	410	310	196	360	137	176	133	25	312	383	45	380	420	220
WW3000	436	365	251	386	137	204	165	25	376	443	47	380	527	220
WW4000	436	365	251	386	137	204	165	25	376	443	47	380	527	220
WW5000	436	425	316	386	137	200	219	25	437	495	60	380	604	220

SPECIFICATIONS

Technical specifications	WW2000	WW3000	WW4000	WW5000
Capacity:				
1 st cable layer	2000 kg	3000 kg	4000 kg	5000 kg
last cable layer	1129 kg	1861 kg	2390 kg	3165 kg
Crankforce 1 st cable layer	22(12) daN	27(14) daN	35(13) daN	58(17) daN
Hoisting length by one rotation of crank , 1 st layer	12(6) mm	11(6) mm	11(4) mm	12(4) mm
Maximum cable storage	46 m	52 m	52 m	40 m
Diameter cable	13 mm	16 mm	16 mm	20 mm
Min. breaking force of cable	106 kN	161 kN	179 kN	252 kN
Own weight	60 kg	78 kg	80 kg	117 kg

WW7500 ../..



Worm gear winch

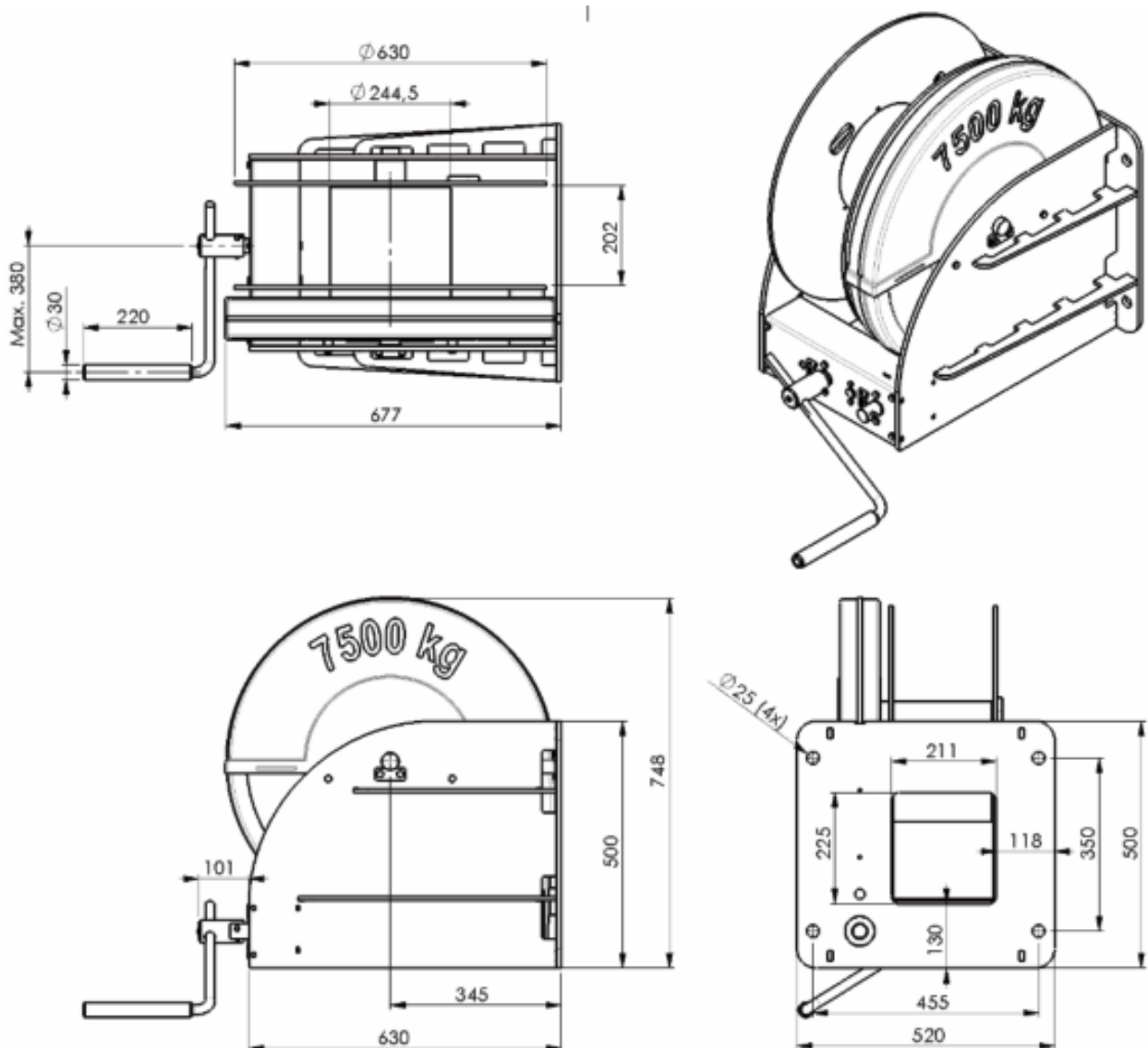


Hand operated worm gear winch:

- robust and safe hoisting winch, with two speeds
- static safety factor of 4
- square worm-wormwheel transmission and maintenance free bearing
- also available in a closed version (CC), worm-wormwheel transmission and brake system is protected with a closed plastic cover
- cable outlet on top or rear
- adjustable crank from 250 to 380 mm, with ergonomic plastic hand grip
- load pressure brake with double ratchet system
- standard paint finish 1 layer (60 - 80 Micron), or zinc-plated finish (6 - 8 Micron)
- grooved drum as extra option (GD instead of D)
- 2 cable compartments as extra option (2D instead of D), multi compartments upon request
- optional ATEX certified  II 3 GD T4, suitable for zone 2 and 22
- in compliance with EN 13157, DIN 15020



Technical specifications WW7500 ../D



Type	Mounting	Material finish	Remarks
WW7500 GR / D	Wall, 4x M20 class 8.8	Painted finish	RAL 7044 (silk grey)
WW7500 EV / D	Wall, 4x M20 class 8.8	Zinc-plated finish	
WW7500 GR / D / CC	Wall, 4x M20 class 8.8	Painted finish	RAL 7044 (silk grey)
WW7500 EV / D / CC	Wall, 4x M20 class 8.8	Zinc-plated finish	

Technical specifications	WW7500
Capacity:	
1 st cable layer	7500 kg
Last cable layer (8)	5500 kg
Crankforce 1 st cable layer	15 daN
Hoisting length by one rotation of crank , 1 st layer	11 (3) mm
Max. cable storage	68 m
Diameter cable	24 mm
Min. breaking force of cable	375 kN
Own weight	195 kg

subject to changes