



METALHOOD

ELECTRICAL LIFTING WINCH

MHD150/250/500/1000

DOUBLE BRAKE

Drive system MHD-150,250,500,1000 are used as a part of upper machinery – statically determinate load system – to ensure lifting, lowering and suspension of decorations or technical equipment during stage preparation and show time scenic movements which do not move with persons in the hazard zone. It is used in theatres, clubs, schools, museums and venues.

Features:

- Entertainment load limit (lifting capacity) 1 500, 2 500, 5 000, 10 000 (N);
- 1-6 ways per lifting winch;
- Spool cover;
- Travel distance up to 12m;
- Local up / down standard control;
- Input voltage 400V, 3 Ph, 50 Hz, 0.75-2.2kW;
- Operational and ultimate travel limits;
- Double brake;
- Mounting on floor, wall, ceiling;
- Designed and manufactured according to Machinery Directive 2006/42/EC;
- EN 17206:2020 standard compliant;
- CE certified.

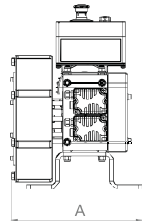
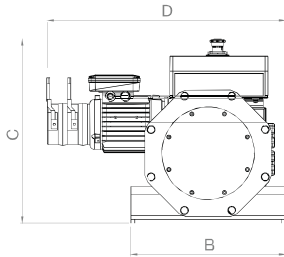
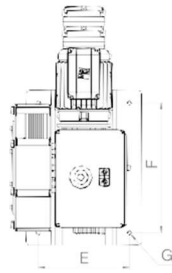
Optional:

- Encoder connection;
- Variable speed;
- Soft start/stop;
- Slack rope indicator;
- Overload indicator;
- Wire rope pulleys and brackets available.

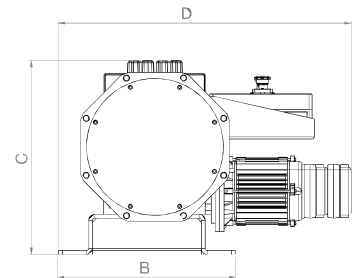
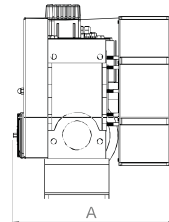
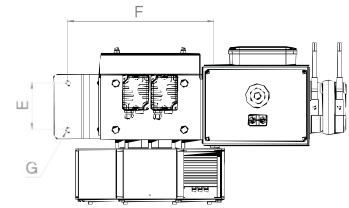


Product code	Number of ways	Entertainment load limit, ELL (N)	Motor power (kW)	Wire rope diameter (mm)	Lifting speed up to (m/sec)	Winch weight excluding wire rope (kg)
MHD150-1	1	1 500	0.75	4	0.2	66
MHD150-2	2	1 500	0.75	4	0.2	70
MHD150-3	3	1 500	0.75	4	0.2	73
MHD150-4	4	1 500	0.75	4	0.2	76
MHD250-3	3	2 500	1.1	5-6	0.2	130
MHD250-4	4	2 500	1.1	5-6	0.2	136
MHD250-5	5	2 500	1.1	5-6	0.2	142
MHD250-6	6	2 500	1.1	5-6	0.2	148
MHD500-3	3	5 000	2.2	6	0.2	147
MHD500-4	4	5 000	2.2	6	0.2	153
MHD500-5	5	5 000	2.2	6	0.2	159
MHD500-6	6	5 000	2.2	6	0.2	165
MHD1000-3	3	10 000	1.5	6	0.08	154
MHD1000-4	4	10 000	1.5	6	0.08	160
MHD1000-5	5	10 000	1.5	6	0.08	166
MHD1000-6	6	10 000	1.5	6	0.08	172

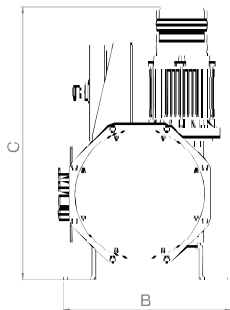
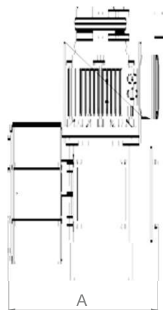
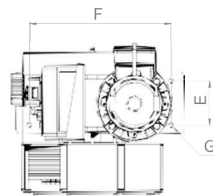
MHD150-3/4/5/6



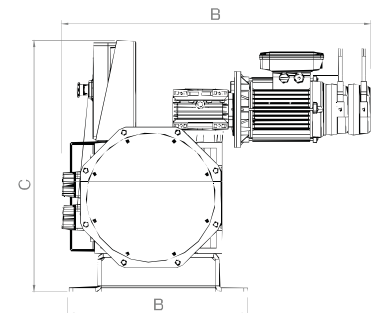
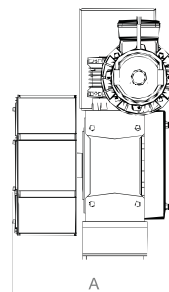
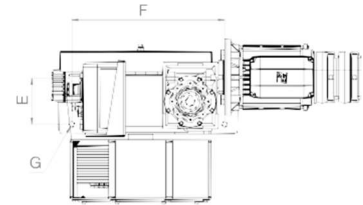
MHD250-3/4/5/6-H
MHD500-3/4/5/6-H



MHD250-3/4/5/6-V
MHD500-3/4/5/6-V



MHD1000-3/4/5/6



Product code	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (d, mm)
MHD150-3/4/5/6	340	400	480	620	235	335	13
MHD250-3/4/5/6-V	390	440	715		115	370	14
MHD250-3/4/5/6-H	390	440	485	730	115	370	14
MHD500-3/4/5/6-V	420	470	780		120	400	16
MHD500-3/4/5/6-H	420	470	525	785	120	400	16
MH1000-3/4/5/6	435	470	660	815	120	400	16