

LYNX



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High Mast Lighting Winches

Drive Specifications

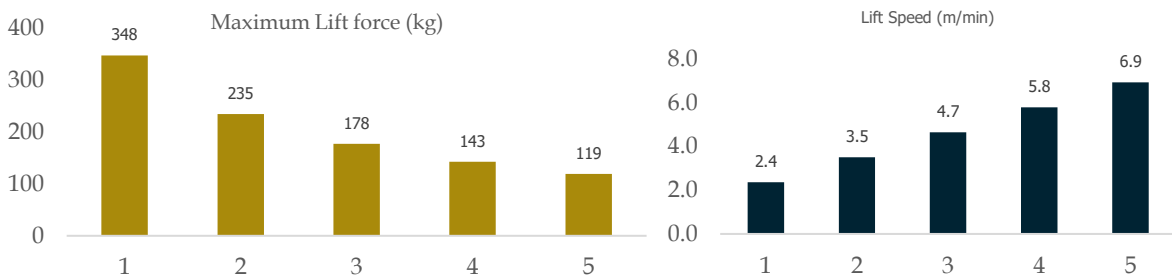
Drive Number	LW50S71A	Max Weight (kg)	120	
Motor Power (kW)	0.25	Pole height (m)	6	
Motor Speed (rpm)	Drive Speed (rpm)	Gear Ratio	Torque (N-m)	Efficiency (%)
1450	30.2	48	43.5	0.55

Winch Specifications

Drum Diameter (mm)	Drum Length (mm)	Cable diameter (mm)
25	70	6

Winch Performance

Pole Height (m)	Wrap number	Maximum Lift force (kg)	Lift Speed (m/min)	Total Lift Time
0.9	1	348	2.4	0.4
2.3	2	235	3.5	0.8
4.1	3	178	4.7	1.2
5.9	4	143	5.8	1.5
8.9	5	119	6.9	1.9



Drive Specifications

Drive Number	LW50L71A	Max Weight (kg)	140
Motor Power (kW)	0.25	Pole height (m)	9

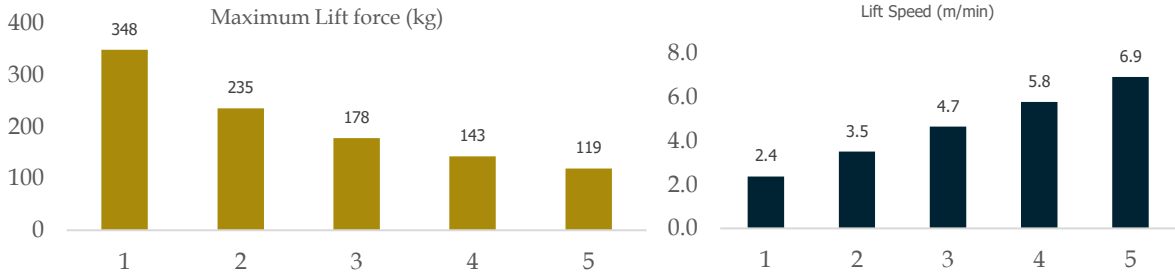
Motor Speed (rpm)	Drive Speed (rpm)	Gear Ratio	Drive Torque (N-m)	Efficiency (%)
1450	30.2	48	43.5	0.55

Winch Specifications

Drum Diameter (mm)	Drum Length (mm)	Cable diameter (mm)
25	110	6

Winch Performance

Pole Height (m)	Wrap number	Maximum Lift force (kg)	Lift Speed (m/min)	Total Lift Time
1.4	1	348	2.4	0.6
3.6	2	235	3.5	1.2
6.4	3	178	4.7	1.8
9.9	4	143	5.8	2.4
14.1	5	119	6.9	3.0



Drive Specifications

Drive Number	LW50S71B	Max Weight (kg)	150
Motor Power (kW)	0.37	Pole height (m)	12

Motor Speed (rpm)	Drive Speed (rpm)	Gear Ratio	Drive Torque (N-m)	Efficiency (%)
1450	30.2	48	64.4	0.55

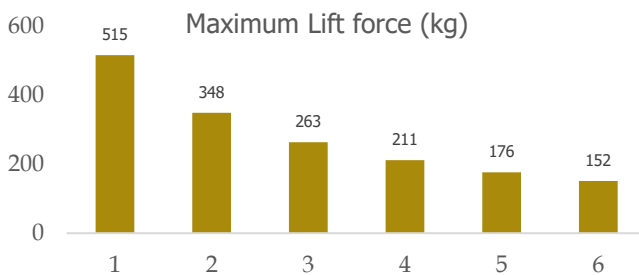
Winch Specifications

Drum Diameter (mm)	Drum Length (mm)	Cable diameter (mm)
25	70	6

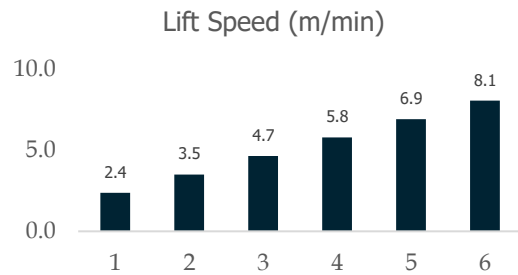
Winch Performance

Pole Height (m)	Wrap number	Maximum Lift force (kg)	Lift Speed (m/min)	Total Lift Time
0.9	1	515	2.4	0.4
2.3	2	348	3.5	0.8
4.1	3	263	4.7	1.2
6.3	4	211	5.8	1.5
9.0	5	176	6.9	1.9
12.1	6	152	8.1	2.3
15.7	7	133	9.2	2.7

Maximum Lift force (kg)



Lift Speed (m/min)



Drive Specifications

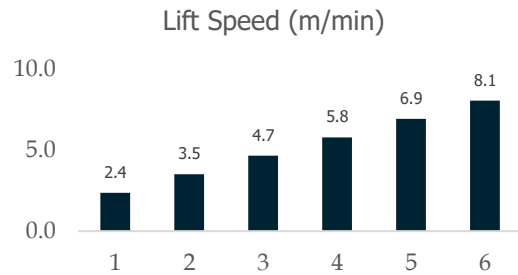
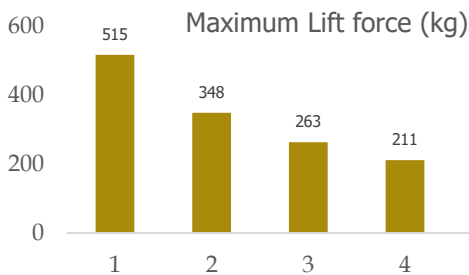
Drive Number	LW50L71B	Max Weight (kg)	175	
Motor Power (kW)	0.37	Pole height (m)	18	
Motor Speed (rpm)	Drive Speed (rpm)	Gear Ratio	Drive Torque (N-m)	Efficiency (%)
1450	30.2	48	64.4	0.55

Winch Specifications

Drum Diameter (mm)	Drum Length (mm)	Cable diameter (mm)
25	110	6

Winch Performance

Pole Height (m)	Wrap number	Maximum Lift force (kg)	Lift Speed (m/min)	Total Lift Time
1.4	1	515	2.4	0.6
3.6	2	348	3.5	1.2
6.4	3	263	4.7	1.8
9.9	4	211	5.8	2.4
14.1	5	176	6.9	3.0
19.0	6	152	8.1	3.6
24.6	7	133	9.2	4.2



Selection Guide

Pole Height (m)	Maximum Lift Weight	Ave. Lift Speed (m/min)	Total Lift Time (min)	Product
6				
9	150	4.3	2.1	LT50S71A
	190	4.3	2.6	LT50L71A
12	160 kg	4.8	2.5	LT50S71B
	220 kg	4	3	LT50L71B
18	200 kg	5.4	3.3	LT50S80A
	280 kg	4.6	3.9	LT50L80A

