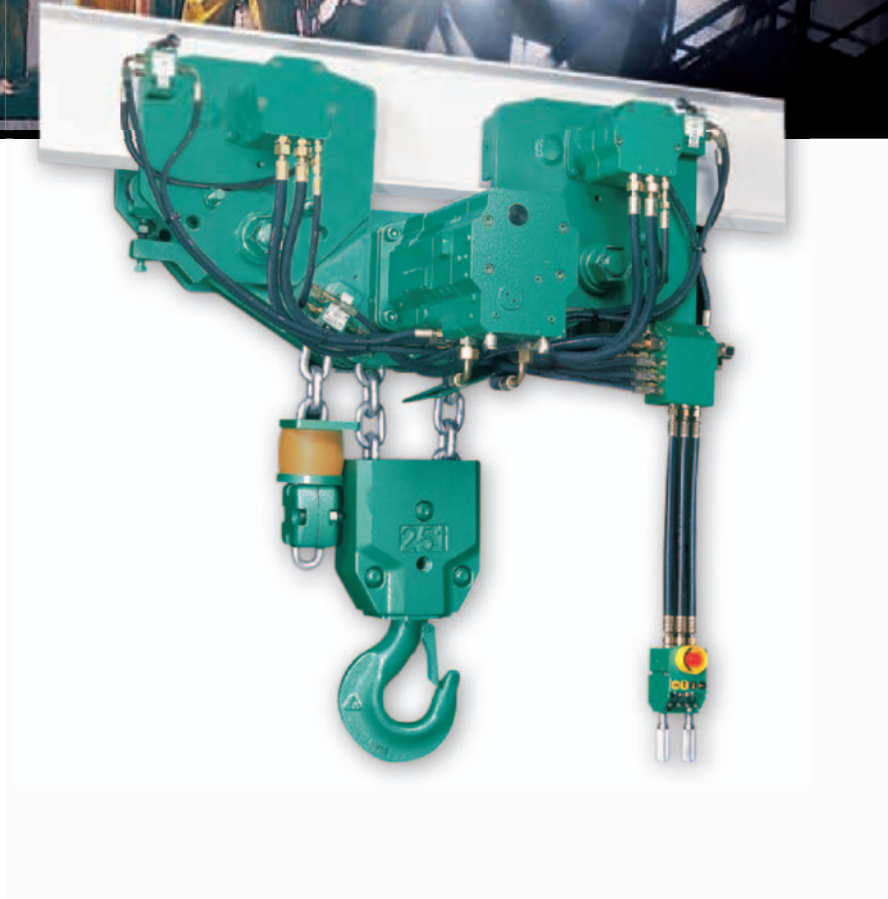


JDN HYDRAULIC MONORAIL HOISTS



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Hydraulic Monorail Hoists EH 20-H – 100-H

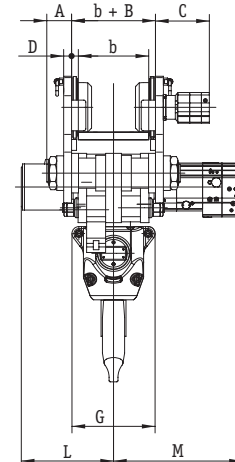
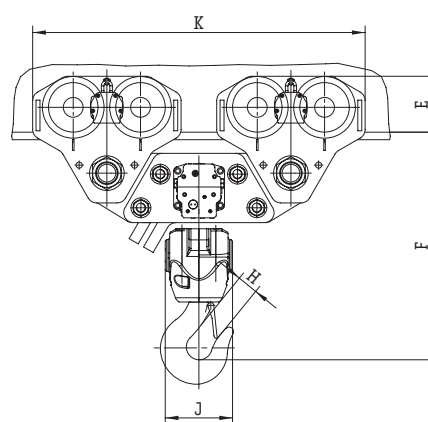
Technical Data

Type		EH 20-H	EH 25-H	EH 37-H	EH 50-H	EH 75-H	EH 100-H
Capacity	mt	20	25	37.5	50	75	100
Number of chain strands		4	2	3	4	3	4
Motor output – Trolley	kW	0.7	1.4	1.4	1.4	2.8	2.8
Motor output – Hoist	kW	3.5	6	6	6	10	10
Motor type – Trolley		KM1/8	KM1/8	KM1/8	KM1/8	KM1/8	KM1/8
Motor type – Hoist		KM1/16	KM2/32	KM2/32	KM2/32	KM2/32	KM2/32
Intake pressure	PSI	1885	2176	2176	2176	2610	2610
	bar	130	150	150	150	180	180
Intake volume	cfm	1.7	2.8	2.8	2.8	3	3
	l/min	48	80	80	80	80	80
Lifting speed at rated load	ft/min	2.6	3.6	2.3	1.6	2.3	1.8
	m/min	0.8	1.1	0.7	0.5	0.7	0.55
Lifting speed without load	ft/min	3	3.9	2.6	2	2.5	1.8
	m/min	0.9	1.2	0.8	0.6	0.75	0.55
Lowering speed at rated load	ft/min	3	3.9	2.6	2	2.6	2
	m/min	0.9	1.2	0.8	0.6	0.8	0.6
Lowering speed without load	ft/min	3	3.9	2.6	2	2.5	1.8
	m/min	0.9	1.2	0.8	0.6	0.75	0.55
Travelling speed at rated load	ft/min	39.4	39.4	39.4	39.4	39.4	39.4
	m/min	12	12	12	12	12	12
Connection		G 1/2	G 3/4	G 3/4	G 3/4	G 3/4	G 3/4
Hose dimension		DN 12	DN 16	DN 16	DN 16	DN 16	DN 16
Weight with standard lift and control	lbs	1584	2310	3410	4136	9020	12760
	kg	720	1050	1550	1880	4100	5800
Chain dimension	mm	16 x 45	23.5 x 66	23.5 x 66	23.5 x 66	32 x 90	32 x 90
Weight of chain	lbs/ft	3.9	8.2	8.2	8.2	14.3	14.3
	kg/m	5.8	12.2	12.2	12.2	21.3	21.3
Standard lift	ft	10	10	10	10	10	10
	m	3	3	3	3	3	3
Length of control with standard lift	ft	6.5	6.5	6.5	6.5	6.5	6.5
	m	2	2	2	2	2	2

Group mechanism: EH 20-H – EH 50-H M3 (1 Bm), EH 75-H and EH 100-H M2 (1 Cm)

Dimensions

Type		EH 20-H	EH 25-H	EH 37-H	EH 50-H	EH 75-H	EH 100-H
A	inch	5.1	5.8	5.8	4.9	3.9	4.9
	mm	130	146	146	125	100	125
B	inch	2.7	2.8	2.8	2.7	2.7	2.7
	mm	68	70	70	68	68	68
C	inch	10.5	10.1	10.5	10.7	10.5	10.7
	mm	267	257	267	272	267	272
D	inch	1.4	1	1	1.6	1.4	1.6
	mm	35	25	25	40	35	40
E	inch	8.7	7.8	8.7	11.1	8.7	11.1
	mm	220	198	220	283	220	283
F ¹	inch	32.3	39.3	42.1	45.3	58.3	60.4
	mm	820	998	1070	1150	1480	1535
G	inch	7.9	6.7	7.5	16.5	11.3	22.6
	mm	200	170	190	420	286	575
H	inch	3	3	3.9	3.9	4.7	4.7
	mm	75	75	100	100	120	120
J	inch	10.5	13.8	17.9	13.4	29.1	18.5
	mm	266	350	455	340	740	470
K	inch	23.6	46.7	68.1	66.1	126.4	123.2
	mm	600	1185	1730	1680	3210	3130
L	inch	14.5	14.8	14.8	18.2	25.2	30
	mm	367	377	377	462	640	762
M	inch	16.5	22.1	22.1	27.0	26.4	30.1
	mm	420	562	562	687	670	765



EH 20-H



EH 25-H

¹Chain containers increase the hoist headroom