

ULM2/S Ultra-Lo Series manual chain hoist

0.25 to 25 U.S. ton lifting capacities

Features

The Ingersoll Rand ULM2 and ULM2S have been designed to offer our lowest headroom possible, maximizing lifting capacities for areas with height restrictions.

- All steel construction for external impact resistance
- Forged steel load hooks
- Chill-hardened, machine tread trolley wheels with two precision bearings per wheel
- Swivel trolleys available to travel extremely tight radius, (as tight as 21 feet) for track without sacrificing headroom for capacities up to 6 ton
- Custom built for easy installation
- Low headroom capacities available from 0.25 through 25 ton
- Two roller thrust bearings used in trolley capacities 3 tons and larger for longer life and reliability
- Corrosion-resistant zinc-plated hand chain
- Designed and built to ANSI B30.16



Options

- Stainless steel and bronze parts available for spark-resistant features
- Corrosion-resistant finish
- Overload clutch for all capacities
- Chain container for all capacities and all lifts up to 50 feet
- Track clamps
- Hand wheel extensions
- Zinc-plated load chain

► HOW TO ORDER

Example: Series - Trolley - Capacity Lift/ft Drop/ft Options
ULM2 - GT - 010- 10- 6 V

ULM2 PT = Plain trolley tapered **Options**
 ULM2S w/ PF = Plain trolley flat Overload clutch = V
 swivel trolley GT = Geared trolley tapered Fabric chain container = C
 GF = Geared trolley flat

ULM2/S Series Specifications

Model	Capacity			Pull to Lift		Chain O'Hauled to Lift		Chain Size	Straight Track		Min. Curve		Max width for		Shipping Weight		Shipping Weight	
	U.S. lb	Tons	# Falls	Rated Load lb	kg	ft	m		Flange Adj. in	mm	Radius in	mm	min. curve radius in	mm	Plain Trolley lb	kg	Geared Trolley lb	kg
ULM2 SERIES																		
ULM2-015	3,000	1.50	1 x 1	41	18.6	87	26.5	7.1	3.3 - 8	83.8 - 203.2	78	1981.2	-	-	207	94.1	230	104.5
ULM2-020	4,000	2	1 x 1	54	24.5	87	26.5	7.1	3.3 - 8	83.8 - 203.2	78	1981.2	-	-	210	95.5	233	105.9
ULM2-030	6,000	3	2 x 2	42	19.1	176	53.6	7.1	4 - 8	101.6 - 203.2	78	1981.2	-	-	305	138.6	355	161.4
ULM2-040	8,000	4	2 x 2	56	25.5	176	53.6	7.1	4 - 8	101.6 - 203.2	90	2286	-	-	308	140	340	154.5
ULM2-050	10,000	5	1 x 1	79	35.9	165	50.3	13.5	4.6 - 8	116.8 - 203.2	102	2590.8	-	-	574	260.9	633	287.7
ULM2-060	12,000	6	1 x 1	94	42.7	165	50.3	13.5	4.6 - 8	116.8 - 203.2	102	2590.8	-	-	574	260.9	633	287.7
ULM2-080	16,000	8	2 x 2	64	29.1	355	108.2	9.5	4.6 - 8	116.8 - 203.2	114	2895.6	-	-	650	295.5	773	351.4
ULM2-100	20,000	10	2 x 2	87	39.5	330	100.6	13.5	5 - 8	127 - 203.2	-	-	-	-	1,022	464.5	1,105	502.3
ULM2-120	24,000	12	2 x 2	104	47.3	330	100.6	13.5	5 - 8	127 - 203.2	-	-	-	-	1,022	464.5	1,105	502.3
ULM2-160	32,000	16	4 x 2	68	30.9	710	216.4	9.5	5 - 8	127 - 203.2	-	-	-	-	1,600	727.3	1,681	764.1
ULM2-200	40,000	20	4 x 2	87	39.5	732	223.1	13.5	6 - 8	152.4 - 203.2	-	-	-	-	1,950	886.4	2,110	959.1
ULM2-240	48,000	24	4 x 2	104	47.3	732	223.1	13.5	6 - 8	152.4 - 203.2	-	-	-	-	1,950	886.4	2,110	959.1
ULM2-250	50,000	25	4 x 2	104	47.3	732	223.1	13.5	6 - 8	152.4 - 203.2	-	-	-	-	1,950	886.4	2,110	959.1
ULM2S SERIES																		
ULM2S003	500	0.25	1 x 1	17	7.7	33	10.1	7.1	3 - 5.4	76.2 - 137.2	21	533.4	3.4	86.4	110	50	127	57.7
ULM2S005	1,000	0.50	1 x 1	35	15.9	33	10.1	7.1	3 - 5.4	76.2 - 137.2	21	533.4	3.4	86.4	127	57.7	144	65.5
ULM2S010	2,000	1	1 x 1	70	31.8	33	10.1	7.1	3 - 5.4	76.2 - 137.2	21	533.4	3.4	86.4	127	57.7	144	65.5
ULM2S015	3,000	1.50	2 x 2	57	25.9	66	20.1	7.1	3.3 - 6	83.8 - 152.4	30	762	4	101.6	245	111.4	267	121.4
ULM2S020	4,000	2	2 x 2	76	34.5	66	20.1	7.1	3.3 - 6	83.8 - 152.4	30	762	4	101.6	251	114.1	270	122.7
ULM2S030	6,000	3	2 x 2	42	19.1	170	51.8	7.1	4 - 6	101.6 - 152.4	42	1066.8	5.9	149.9	345	156.8	375	170.5
ULM2S040	8,000	4	2 x 2	58	26.4	170	51.8	7.1	4 - 6	101.6 - 152.4	48	1219.2	5.9	149.9	350	159.1	380	172.7
ULM2S050	10,000	5	2 x 2	73	33.2	170	51.8	7.1	4.6 - 8	116.8 - 203.2	48	1219.2	7.9	200.7	466	211.8	496	225.5
ULM2S060	12,000	6	2 x 2	90	40.9	170	51.8	7.1	4.6 - 8	116.8 - 203.2	48	1219.2	7.9	200.7	466	211.8	496	225.5

Note: Standard lift is 8 ft. Maximum flange thickness for ULM2S003 - 030 is 0.5", ULM2S040 - 060 is 0.625"

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ULM2 and ULM2S Beam Flange Chart (in)

Plain and geared trolleys for straight and curved track						
	Capacity U.S. tons	Fits flange width for straight track	Max flange width for min. curve radius	Flange thickness for radius min. max.		
ULM2 SERIES						
ULM2-015, ULM2-020	1.50, 2	3.375 - 8	-	-	-	-
ULM2-030, ULM2-040	3, 4	4 - 8	-	-	-	-
ULM2-050, ULM2-060, ULM2-080	5, 6, 8	4.625 - 8	-	-	-	-
ULM2-100, ULM2-120	10, 12	5 - 8	-	-	-	-
ULM2-160, ULM2-200	16, 20	5.5 - 8	-	-	-	-
ULM2-240, ULM2-250	24, 25	6 - 8	-	-	-	-
ULM2S SERIES						
ULM2S003, ULM2S005, ULM2S010	0.25, 0.50, 1	3 - 5.375	3.375	21	0.5	
ULM2S015, ULM2S020	1.50, 2	3.375 - 6	4	30	0.5	
ULM2S030, ULM2S040	3, 4	4 - 6	5.875	42	0.625	
ULM2S050, ULM2S060	5, 6	4.625 - 8	7.875	48	0.875	

Note: Contact technical sales for wider beam flange applications

ULM2 Series Dimensions (in)

Capacity U.S. tons	A (min)	B	C	D	E	E1	F	G	H	J	L	M	N1	P(2)	R	S
1.50 & 2	6.3	20.4	10.2	10.2	5.1	5.1	8.8	8.3	0.6	1.1	1.1	4.3	0.5	S6X12.5	13.1	6
3	7.4	20.4	10.2	10.2	6.5	6.6	10.6	10.6	0.6	1.3	11.3	6.4	0.5	S8X18.4	13.1	8
4	8	20.4	10.2	10.2	6.5	6.6	10.6	10.6	0.6	1.3	11.3	6.4	0.5	S8X18.4	13.1	8
5 & 6	8.8	26.3	13.1	13.1	7.4	7.4	12	12	0.9	1.3	11.3	7.2	0.6	S10X25.4	16.5	9
8	11	26.3	13.1	13.1	8.4	8.4	14	13.5	0.6	2.1	1.7	8.3	0.6	S10X25.4	16.5	10
10 & 12	11.5	26.3	13.1	13.1	8.5	9.8	15.6	14.4	0.6	2.3	1.8	9.8	0.6	S12X31.8	16.5	11.7
16	13.6	30.4	15.2	15.2	11.9	11.9	18.6	18.6	0.6	3	2	11.8	0.8	S15X42.9	18.9	13.5
20, 24 & 25	17.3	30.4	15.2	15.2	12.1	12.4	19.3	19	0.8	3.6	2	11.8	0.6	S18X54.7	18.4	13.5

Note: (1) At under beam roller

(2) Minimum standard I-beam for proper wheel running clearance.

Contact technical sales for smaller beams.

Customer must verify their beam is adequate for applied loads.

ULM2S Series Dimensions (in)

Capacity U.S. tons	A (min)	B	C	D	E	F	G1	G2	H	I	J	K2	L2	M	N	O
0.25 through 1	6.3	2	6.6	6.6	3.8	5	2.2	1.1	1	4.7	3.8	7.3	6.5	2.5	1.4	2.9
1.50 & 2	6.8	2.2	9.1	9.1	4.5	6	0.6	0.6	1.1	7.2	6.3	11.4	7.6	3	3	1.9
3	8.8	2.6	9.9	9.9	6.4	8	0.9	0.9	1.3	8.1	6.1	11.6	7.7	4	3	1.9
4	9.3	2.6	9.9	9.9	6.4	8	0.9	0.9	1.7	8.1	6.1	11.6	7.7	4	3	3.4
5 & 6	9.9	2.8	10.1	10.1	7.2	9	0.9	0.9	1.7	8.5	6.9	11.6	8.8	4.5	3	3.9

Note: (1) Plain

(2) Geared

