

AIR HOISTS

JDN UH ULTRA-LOW MONORAIL HOISTS

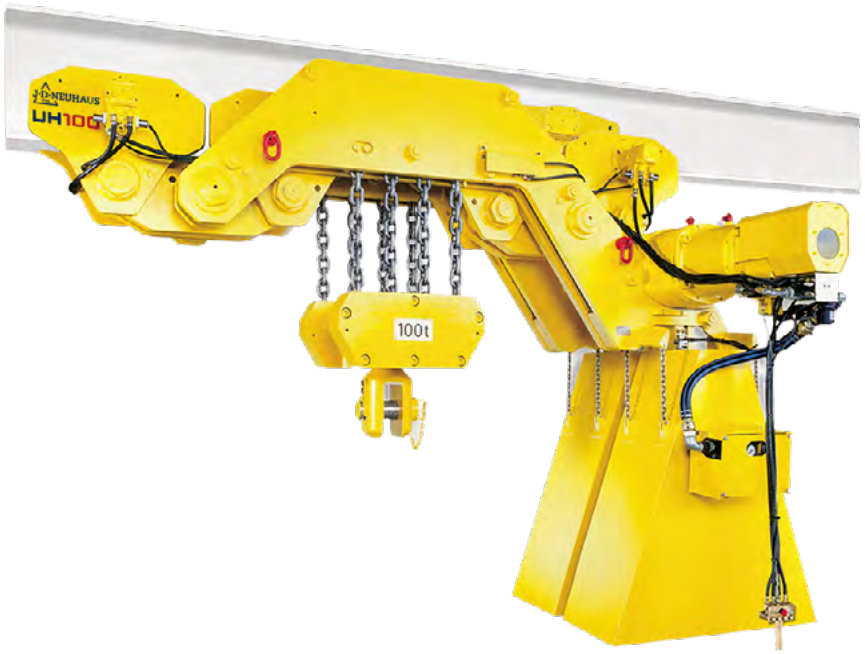
CAPACITIES: 1 T UP TO 100 T

J·D·NEUHAUS
1745
permanent excellence

CAPACITIES: 1 T UP TO 100 T AIR PRESSURE: 6 BAR

Where loads have to be lifted and transported in extremely confined spaces, JDN ultra-low monorail hoists are designed for applications with limited headroom. Their compact construction enables efficient use of the available lifting height.

For example, the 6 t ultra-low monorail hoist has a headroom of only 230 mm, making it suitable for applications where installation space is particularly restricted.



STANDARD FEATURES

- Ideally suited for working in hazardous areas (explosion risk)
- Insensitive to humidity, dust and temperatures from -20°C up to +70°C
- Extremely low headroom
- Low air consumption
- Available with increased spark protection

J.D. NEUHAUS – MORE THAN PRODUCTS

As a family-run company in its seventh generation, our commitment to clear values helps us achieve the standard of **permanent excellence** that we have held ourselves since 1745.

The three value pairs of tradition and innovation, performance and longevity as well as partnership and passion create the foundation for our daily activities. They shape our partnership with the people who work for us, as well as with our partners and customers. They are found in the quality and German engineering of our products, and in the way we work with you and find new solutions thanks to our innovative spirit.

Our thinking and actions are guided by our vision: We are helping people to move loads in a sustainable digitized world.



TECHNICAL DATA

TYPE		UH 1	UH2	UH 4	UH 6	UH 8	UH 12	UH 16	UH 25
Capacity	mt	1	2	4	6	8	12	16	25
Air pressure	psi	85	85	85	85	85	85	85	85
	bar	6	6	6	6	6	6	6	6
Number of chain strands		2 x 1	2 x 2	2	2	4	4	4	4
Motor output	kW	1	1	2.5	2.5	2.5	2.5	2.5	6.3
Lifting speed at full load	ft/min	14.8	7.2	8.2	6.6	4.6	3	2.0	3.6
	m/min	4.5	2.2	3.0	2.0	1.4	0.9	0.6	1.1
Lifting speed without load	ft/min	30.0	14.8	19.7	14.8	9.5	7.2	3.9	7.9
	m/min	9.0	4.5	6.0	4.5	2.9	2.2	1.2	2.4
Lowering speed at full load	ft/min	29.5	14.8	23.0	14.8	10.8	6.9	4.3	7.9
	m/min	9.0	4.5	7.0	4.5	3.3	2.1	1.3	2.4
Air consumption at full load – lifting	cfm	60.0	60.0	141.3	141.3	141.3	141.3	141.3	229.5
	m^3/min	1.7	1.7	4.0	4.0	4.0	4.0	4.0	6.5
Air consumption at full load – lowering	cfm	67.1	67.1	158.9	158.9	158.9	158.9	158.9	282.5
	m^3/min	1.9	1.9	4.5	4.5	4.5	4.5	4.5	8.0
Air connection		G ½	G ½	G ½	G ½	G ½	G ½	G ½	G ½
Hose dimension (Ø inside)	inch	½	½	¾	¾	¾	¾	¾	1 ½
	mm	13	13	19	19	19	19	19	35
		min.	max.						
Weight with standard lift	lbs	364*	452*	1014	1036	1190	1213	1235	3307
	kg	165*	205*	460	470	540	550	560	1500
Chain dimension	mm	7 x 21	7 x 21	13 x 36	13 x 36	13 x 36	13 x 36	13 x 36	16 x 45
Weight of chain	lbs/ft	0.67	0.67	2.6	2.6	2.6	2.6	2.6	3.9
	kg	1.0	1.0	3.8	3.8	3.8	3.8	3.8	5.8
Standard lift	ft	10	10	10	10	10	10	10	10
	kg	3	3	3	3	3	3	3	3
Length of control at standard lift	ft	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	m	2	2	2	2	2	2	2	2
Noise level at full load[1] – lifting	dB(A)	76	76	78	78	78	78	78	80
Noise level at full load[1] – lowering	dB(A)	78	78	80	80	80	80	80	84

[1]Measured at 1 m distance acc. to DIN 45635 part 20
Group mechanism: M3 (1 Bm)
Technical data for higher capacities on request.

*Depending on beam width

SERVICE PARTNERSHIP AND DIALOGUE

For all of our customers in a variety of demanding industries and processes, JDN UH ultra-low monorail hoists and JDN PROFI Hoists are synonymous with high performance, absolute reliability, maximum availability and minimum maintenance times – all with maximum safety.

Feedback from the market shows us how much our customers value our monorail hoists as a reliable and robust lifting solution, even under demanding operating conditions. At J.D. Neuhaus, we continuously develop our products in close dialogue with our customers and the market to meet the specific requirements of different industries, sectors and applications.

Are you looking for a lifting solution tailored to your particular application? Our experts will be happy to advise you on the various configuration and customization options available for JDN UH hoists and help you find the right solution for your requirements.

Our experienced Global Project Team is available to discuss individual applications, technical requirements and customized lifting solutions with you.

Please do not hesitate to contact us for further information. Our sales, project management, and service teams will be happy to support you.

CONTACT

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Click or scan the QR code to book your **expert appointment:**

Locations:
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