

AIR HOISTS

JDN
BBH SERIES

Robust – reliable – low maintenance
The air hoist series for big bag handling

J·D·NEUHAUS
1745
permanent excellence

BBH 1000 AND BBH 2000

All JDN air hoists in the BBH series are designed and manufactured to be extremely robust. From our ongoing dialogue with our customers, we know that safety and reliability are top priorities wherever work is carried out on a sustained basis and under demanding conditions. This is precisely why the JDN air hoists in the BBH series are highly valued and successfully used in these cases.

The hoists in the BBH series offer 100% delay-free switch-on and unlimited switch-on frequency. This is ensured by the non-slip, low-maintenance multi-blade motor. Thanks to the pneumatic drive, they offer explosion protection (ATEX) as standard and are also resistant to dust and moisture. This makes them ideal not only for use in potentially explosive atmospheres, but also for demanding industrial applications and continuous operation – at temperatures ranging from -20°C to +70°C.

JDN BBH hoists are easy to operate for all applications and have a sensitive, continuously variable control system for positioning loads safely and precisely.
Various control systems are available for this purpose, depending on requirements.

From a load-carrying capacity of 1 t, the devices in the BBH series are also equipped with overload protection as standard. Thanks to dust-protected ball bearings, a permanently lubricated planetary gear with high-performance lubricant and gears made of hardened or tempered stainless steel, all JDN air hoists in the BBH series require only minimal maintenance.

We remain in close contact with our users at all times through our 360° service partnerships – and we use this dialogue to continuously develop our products.

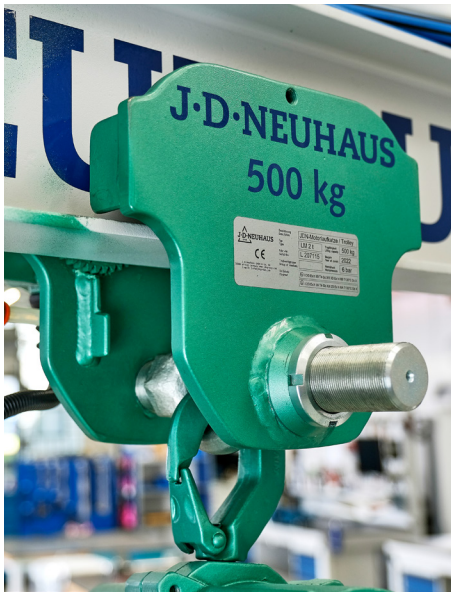
In short: we keep our promise "Permanent Excellence" for you.

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 to for over 275 years.

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 is guided by sustainability, which we believe our future urgently needs and, of course, deserves.





PRODUCT BENEFITS AND ADVANTAGES IN PRACTICE

With hoists from the BBH series, you as a safety-oriented, high-performance company can expand your equipment portfolio with a reliable tool with power features and benchmark qualities.

JDN BBH hoists are mechanical and are pneumatically operated. Thanks to compact and robust design with few components, the BBH series is perfectly matched to your application environment. As a result, the devices are not susceptible to external influences and are extremely low maintenance.

Our patented pneumatic drive system, designed for 100% power-up time, offers fast lifting and lowering speeds. In this way, we ensure that customers do not experience downtimes and that permanent availability is ensured.

BBH series JDN air hoists ensure maximum performance and safety in any industry or process where they are used. The processed materials and their coating make the hoists insensitive to factors such as paint particles, spray mist, moisture, aggressive vapours, dirt and dust. They are also resistant to very low or very high temperatures.

Die BBH-Serie is available in two versions. With one load hook for standard cruciform lifting beam designs. The extended distance between the hook and the chain box is particularly advantageous. This guarantees that there is no risk of collision between the load and the chain box. With twin load hooks for more complex cruciform lifting beam designs or for standard lifting beam designs with two suspension points.

Particularly suited for use as big bag handling hoists and for the movement of all kinds of bulky loads due to the low headroom design..

PNEUMATIC

mechanical drive

ROBUST

to external ambient influences

NO DOWNTIME

100% on-time

EXPLOSION SAFE

for use in hazardous areas

COST-EFFECTIVE

thanks to low maintenance

TECHNICAL DATA

TYPE		BBH 1000-1	BBH 2000-1	BBH 1000-2	BBH 2000-2
Capacity	mt	1.1	2.2	1.1	2.2
Air pressure	psi bar	87 6			
Number of hooks		1		2	
Number of chain strands		1	2	2	4
Motor output hoist	kW	0,7			
Motor output trolley	kW	0,2			
Lifting speed at full load	ft/min m/min	12.14 3.7	5.58 1.7	12.14 3.7	5.58 1.7
Lifting speed without load	ft/min m/min	21.33 6.5	11.48 3.5	21.33 6.5	11.48 3.5
Lowering speed at full load	ft/min m/min	21.33 6.5	11.48 3.5	21.33 6.5	11.48 3.5
Air consumption at full load – lifting	cfm m^3/min	60.03 1.7			
Air consumption at full load – lowering	cfm m^3/min	67.10 1.9			
Air consumption at full load – trolley	cfm m^3/min	21.19 0.6			
Air connection		G ½			
Hose dimension (Ø inside)	inch mm	1/2 13			
Weight at standard lift and min. k dimension	lbs kg	286.60 130	302.03 137	302.03 137	328.49 149
Chain dimension	mm	7 x 21			
Weight of chain	lbs/ft kg/m	0.67 1			
Standard lift	ft m	10 3			
Length of control at standard load – lift	ft m	6.5 2			
Noise level at full load – lifting	dB(A)	76			
Noise level at full load – lowering	dB(A)	78			
Noise level at full load – trolley	dB(A)	80			

CONTACT

Please contact us for more information. Our colleagues from sales, projectmanagement and service are there for you.

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