

# JDN NEWSLETTER FEBRUARY 2006

**J . D . N e u h a u s , L . P .**



**J.D. NEUHAUS**  
powered by air!

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## NEW PROFI LIFTER

J.D. Neuhaus (JDN), the world specialist in air driven hoists, cranes and winches, presents a newly designed rope winch with a load range of up to 1500 lbs. The JDN Air Winch, Profi Lifter 500, achieves lifting capacities of 1100 lbs. in the fifth layer and 1500 lbs. in the first layer. These new winches combine approved Profi



technology with functional design. They have proven themselves with high reliability and safety with very low maintenance. The unit includes an integrated brake system that does not need any additional lubrication. The gear train is air cooled by the winches' exhaust system to provide a 100 % duty rating. A full duty cycle results in the absence of waiting times. The winch includes high rope capacities with up to five layers, giving the Profi increased flexibility on work sites. With the direct pendant control the Lifter 500 can be sensitively operated over the full load range. The low weight of only 64 lbs. grants the user mobility on the job. Typical areas of application for the JDN air winches are on and offshore industry, chemical industry, ship building and repair industry, machine and plant construction or assembly lines in industry and craft.

## PART ONE: A NEW HOPE

**Johann Diederich Conrad Neuhaus** (September 4th 1726 - November 15th, 1809)

In the late eighteenth century in Germany there were strict guidelines on the classification of "Fabricants" (manufacturers). A "Fabricant" was the name given to a master-craftsman who owned their own workshop and who delivered their products to the Metal Working Factory. It was not a factory in the modern sense of the word but a cooperation of independent blacksmiths who worked together to sell their forged products both in the domestic market and abroad. A "Fabricant" had to manufacture the highest quality products, because they represented their community. All manufacturers had to guarantee a high level of professionalism. The guidelines also called for mandatory retraining of their offspring in the field of their expertise. In 1745 Johann Diederich Neuhaus was able to be registered in the Master Scroll of the Factories in the German city of Sprockhövel. Apart from the production of general metal works Johan Diederich Neuhaus specialized in the manufacture of winches which sold well at these times. He died at the age of 83. His successor was his son Heinrich Wilhelm.



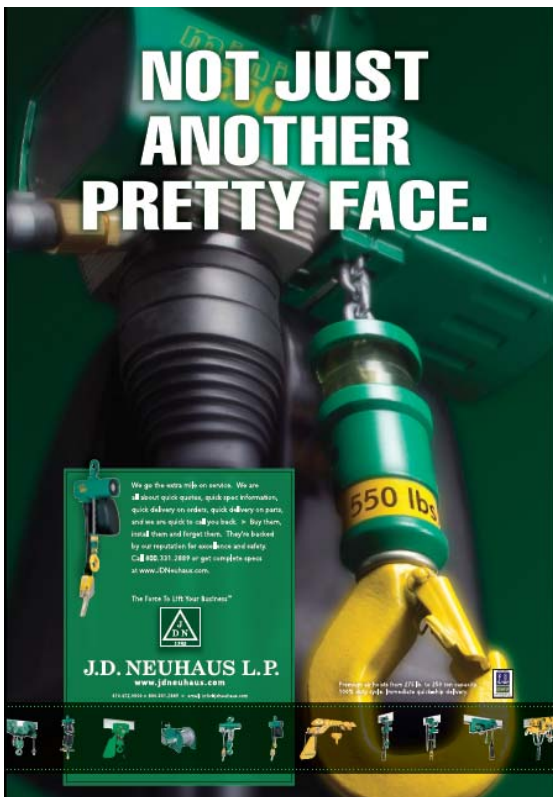
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# JDN WORKS

## Air Vs. Electric

There are several reasons to maintain or switch to air power, my top three:

1. Power to Weight - One of the biggest advantages is that JDN air hoists use vane motors, which makes them smaller, lighter, and easier to handle. JDN Air Hoists deliver higher lifting capacities, pound for pound, than an electric hoist.
2. Value – User Feedback "When you buy an air compressor, you're getting one powerful motor instead of a dozen small little motors that burn out." JDN products are engineered to have fewer parts than the electric competition. Fewer parts mean less maintenance.
3. Versatility - Whether you're lifting a 250 lb. load or a 250 ton load, air hoists are an easy to install and maintain alternative to electric lifting equipment.



## Only a Spark.....

.....Could Resist!

Many times there is a call in the field for special equipment in hazardous areas. At times there is debate on what level of precaution is necessary. There are two levels of safety that are most commonly asked for, explosion proof and spark resistant lifting equipment. In the case of the former, all J.D. Neuhaus Air Hoists in standard version are - contrary to electric hoists - explosion proof and suitable for operation in these hazardous areas. The driving medium is air, and sparks are not produced in the usage of air. For increased protection below the hoist, J.D. Neuhaus offers galvanised load chain as a standard feature. In the later case, J.D. Neuhaus is the worldwide leader in offering solutions for applications in areas with



increased danger of explosion. J.D. Neuhaus hoists, trolleys and monorail hoists can be delivered with increased spark protection against metallic sparking i.e.; sparks between parts of the equipment and the surrounding environment. To ensure safety at the hook, J.D. Neuhaus offers a copper coated load hook and bottom block. This comes complete with a brass safety catch. This ensures safety when loading metallic items, or the hook striking any metallic surfaces. For the trolley spark resistant package J.D. Neuhaus includes the option of bronze wheels and drive gears. This assists the operation of the trolley to safely travel the i-beam. All products can have increased protection with special corrosion resistant paint jobs. Also, J.D. Neuhaus offers spark resistant packages for all Profi hoists.

## ON THE HORIZON

As many of you have noticed we now send the newsletter as a html, instead of the Adobe attachment. The PDF files are still available. If you are interested in receiving them send a short reply or visit the password protected area of the website. March will bring the tale of the next phase in JDN's seven generations.



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WE WELCOME ANY SUBMISSIONS TO THE NEWSLETTER REGARDING YOUR CURRENT EXPERIENCES WITH JDN PRODUCTS IN THE WORK PLACE. QUESTIONS REGARDING THE NEWSLETTER MAY BE FORWARDED TO [J.KAHLER@JDNEUHAUS.COM](mailto:J.KAHLER@JDNEUHAUS.COM)

THANK YOU FROM,  
YOUR J.D. NEUHAUS SALES TEAM