

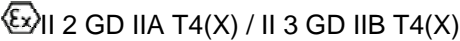
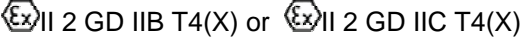
# JDN Air Hoists in Application

## Chemical Industry

Over 40 years JDN Air Hoists are in operation in all fields of the Chemical Industry.

Their unbeatable advantage compared to electric hoists: The explosion proofness as standard.

The advantages at a glance:

- Suitable for operation in hazardous areas as standard:  

- Also available with increased spark protection:  

- 100% duty cycle, no down-times
- Insensitive against dust, humidity and temperatures ranging from -20 °C up to + 70 °C
- Reliable operation
- Easy maintenance
- Only mechanical parts, no electrics or electronics
- Suitable for lube-free operation
- Low head room
- Sensitive infinitely variable speed control for the precise positioning of loads

The variety of applications for JDN Air Hoists can be derived from the numerous industries and branches where JDN Air Hoists are deployed. The quality standard of JDN Air Hoists which is much higher than the applicable norms is achieved amongst others by qualifying in extreme applications, whereby safety and security are of utmost priority. With its technical innovation J.D. NEUHAUS offers solutions to almost every material handling problem irrespective of the driving medium: from air, manual and hydraulic hoists up to complete crane installations with explosion proofness. The following are examples of the wide range of applications of JDN products in standard situations of material handling up to special tailor-made solutions to very specific problems.



JDN air hoist *mini* handling a submersible pump in the chemical industry.



Big Bag Handling System with 2 JDN Air Hoists Profi 2 TI in Motor Trolley for operation in zone 1. The air supply is realised by a JDN Energy Chain. Most important in this case was that the Profis are suitable for oil-free operation.