

## In this issue:

- Tip of the Month
- JDN History, Part 5
- Which duty cycles have JDN Air Hoists?
- New: JDN Hydraulic Hoists PROFI

## Tip of the Month

With JDN Crane Kits overhead travelling cranes up to 10 t capacity can be built very simply and economically especially for applications in hazardous areas.

## JDN History, Part 5

### Emma Neuhaus

(21.9.1859 - 29.1.1932)



In 1905 Emma Neuhaus took over the whole responsibility for the family, house and business from her deceased husband. Although in the smithy it

was very difficult to substitute her husband. She had to work with an unskilled labour force but the financial accounts for those times showed a steady continuity. For special equipment she was assisted by the foreman Wilhelm Müller who had learned his trade in the smithy and who completed this special work in the evening when the rest of the workforce had finished for the day. In 1907 both married. In 1922 she handed over the whole property to her youngest son Max Neuhaus.

Questions regarding this newsletter may be forwarded to:  
[marketing@jdn.de](mailto:marketing@jdn.de).

## Which duty cycles have JDN Air Hoists?

JDN Air Hoists are working with air as supply medium. The compressed air (6 bar = 85 psi) is expanded in the motor. The expansion of air leads to a decrease of the air temperature, which cools the motor. On the latest generation of the PROFI and mini series the air flows through channels within the gear box and so also the gear train is cooled.

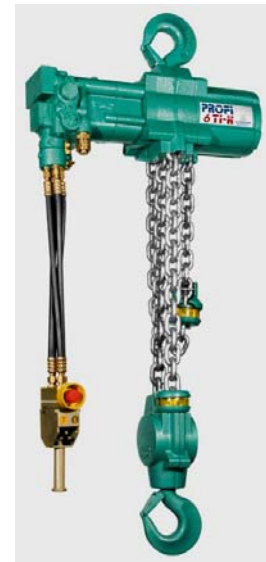
Due to this feature there is no down time and the rating is 100% duty cycle instead of electric hoists. So JDN Air Hoists are also predestined for large lifting heights.

## New: JDN Hydraulic Hoists PROFI

With immediate effect we offer JDN Hydraulic Hoists with state of the art PROFI technology. They can be deployed as an alternative to air driven units in all places where hydraulic lines, central hydraulic systems or hydraulic aggregates are existent. The hydraulic hoists of the PROFI series are available with capacities from 3 t up to 20 t. They work with an intake pressure of 130 bar. As pressure fluids oil or HFC can be used.

### Standard features:

- predestined for application in hazardous areas
- sensitive, infinitely variable control of lifting and lowering speeds
- super-silent
- capsuled and robust gear motor
- integrated overload switch-off
- only two supply connections at the hoist
- "P" and "T", leakage oil drained internally
- controlled load-lowering in case of energy failure



JDN Hydraulic Hoist  
PROFI 6 TI-H



*In a few days the JDN Photo Award closes. So don't miss the chance to win an iPod.*

Your **J.D. NEUHAUS** Sales Team