

JDN AIR CRANES AND CRANE KITS

JDN Air Cranes in standard version are suitable for working in hazardous areas.

JDN explosion proof crane components are for use with:

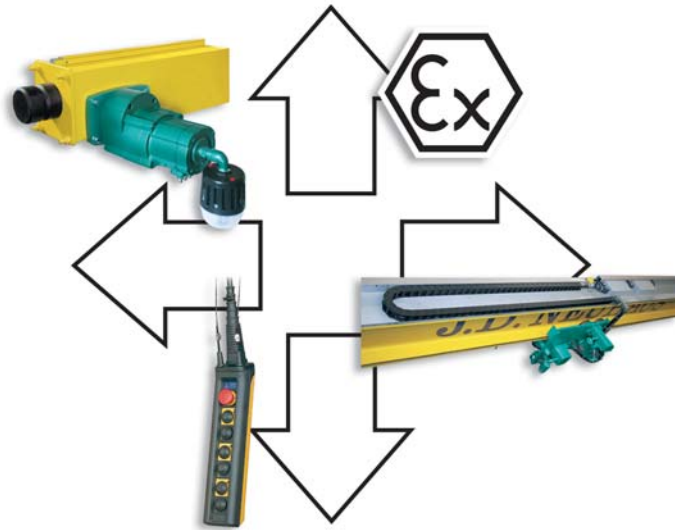
- Overhead cranes
- Under-hung cranes as well as
- Jib cranes
- Articulating cranes

According to necessities JDN Air Hoists in motor trolleys or monorail systems are integrated in all crane installations. JDN offers several pendant options for use with our air crane components. All crane drives, trolleys and hoists are available with an on/off pendant station. It is possible to operate the crane and trolley with a two step speed option. JDN hoists are also available with variable speed options.

Different JDN Cranes in Detail

- Overhead cranes with one or two main girders
- Under-hung cranes also with minimized headroom – with special low headroom trolleys
- Jib cranes
- Cranes with mechanically coupled synchronized hoists
- Cranes with parallel hoists
- Carrying capacities up to 10 ton
- With spans up to 60 ft

Higher carrying capacities and spans on request.



JDN CRANE KITS FOR EXPLOSION-PROOF AIR CRANES

Carrying capacities: up to 10 ton

With immediate effect J.D. Neuhaus offers for crane manufacturer crane kits with pneumatic drives.

With these crane kits overhead travelling cranes up to 10 ton capacity can be built very simply and economically especially for applications in hazardous areas.

The crane manufacturer provides the main girder and JDN delivers all the components to build your air powered crane.

- End carriages with pneumatic drives
- Energy feeding systems
- Safety accessories
- And of course the appropriate air hoist with trolley

TECHNICAL DATA

| Load capacity | Main travel (crane) | | Cross travel (trolley) | | | Hoist | | |
|---------------|---------------------|---------|------------------------|---------|----------|--------------------------|---------|----------|
| | max. speed | control | max. speed | control | | max. speed | control | |
| | [m/min] | 2-steps | [m/min] | 2-steps | variable | lifting/lowering [m/min] | 1-step | variable |
| 1 ton | 7/20 | x | 9/14 | x | | 5/12 | x | + |
| 2 ton | 7/20 | x | 9/14 | x | | 2.5/6 | x | + |
| 3 ton | 7/20 | x | 9/14 | x | | 3.5/8.5 | x | + |
| 6 ton | 7/20 | x | 9/14 | x | | 1.5/3.5 | x | + |
| 10 ton | 7/20 | x | 5/12 | x | | 1.0/3.0 | x | + |
| 15 ton | 5/25 | x | 5/12 | x | + | 0.7/1.5 | x | + |
| 20 ton | 5/25 | x | 5/12 | x | + | 0.5/1.3 | x | + |
| 32 ton | 5/25 | x | 5/12 | x | + | 0.6/1.3 | x | |
| 40 ton | 5/25 | x | 5/12 | x | + | 0.7/1.2 | x | |
| 50 ton | 5/25 | x | 5/12 | x | + | 0.5/1.1 | x | |

x = Standard + = Option (speeds under standard conditions)

