

JDN CRANE SYSTEMS/CRANE KITS



Explosion-protected **JDN Crane Systems** are the right choice for the most challenging environmental conditions, whether onshore or offshore. Available in air drive or hydraulic drive versions.

The delivery programme comprises explosion-proof

- Top running overhead travelling cranes
- Under hung overhead travelling cranes
- Jib cranes

which can be designed to your individual needs, customised installations are our speciality. Depending on your requirements JDN air hoists in motor trolleys or monorail hoist systems are integrated into the crane design. An ergonomically designed pneumatic pendant control is supplied with two speed control as standard for crane and trolley travel. Infinitely variable hoist and trolley speed control is also available.

Different JDN Cranes in Detail

- Overhead cranes with single or double girder design
- Underhung cranes including low headroom design
- Jib cranes
- Cranes with in line mechanically linked synchronised hoists
- Cranes with parallel operating hoists
- Carrying capacities up to 50 t
- Crane spans up to 18m



JDN Crane Kits for explosion-proof air cranes

Carrying capacities: up to 10 t

J.D. Neuhaus can offer crane manufacturers crane component kits complete with pneumatic crane drives. With these crane kits overhead travelling cranes up to 10 t 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 that are necessary to build an air powered crane of their chosen design:

- 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	[m/min] lifting/lowering	1-step	variable
1 t	7/20	x	9/14	x		5/12	x	+
2 t	7/20	x	9/14	x		2.5/6	x	+
3 t	7/20	x	9/14	x		3.5/8.5	x	+
6 t	7/20	x	9/14	x		1.5/3.5	x	+
10 t	7/20	x	5/12	x		1.0/3.0	x	+
15 t	5/25	x	5/12	x	+	0.7/1.5	x	+
20 t	5/25	x	5/12	x	+	0.5/1.3	x	+
32 t	5/25	x	5/12	x	+	0.6/1.3	x	
40 t	5/25	x	5/12	x	+	0.65/1.2	x	
50 t	5/25	x	5/12	x	+	0.50/1.1	x	

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