



JDN Explosion Protection Classification and marking

Hoists and cranes from J.D. Neuhaus have an unbeatable advantage over electrically-driven lifting equipment: Even the standard versions are suitable for use in explosion-hazardous areas and bear explosion-proof labelling according to the ATEX standard.

If you have any questions about the topic of explosion protection, please contact our sales team. We will be happy to advise you.



Example: EX II 2 GD IIB T4 classification means:

EX	II	2	GD	IIB	T4
ATEX mandatory marking for equipment usable in explosive atmospheres	II Surface Work	2 For use in zone 1	G Gas	IIC (Acetylene & Hydrogen)	Temperature Class T1 <= 450°C T2 <= 300°C T3 <= 200°C T4 <= 135°C T5 <= 100°C T6 <= 85°C
	I Underground Work	3 For use in zone 2	D Dust	IIB (Ethylene)	
				IIA (Propane)	

JDN Accessories Tailored to your individual needs

We offer a wide range of accessories designed to ensure that JDN standard products are suitable for your specific applications. This means, for example, that you can meet very specific safety requirements, adjust performance capacity or make operations even more convenient.

- Filter silencer
- Filter regulator
- Service unit
- Main air emergency-stop valve
- Chain box
- Special grease cartridge for oil-free operation, volume 250 ml
- Limit switch for lifting and travelling
- Booster valve (control lengths over 12 m)
- Extension arm for control on motorised trolley
- Additional suspension for chain box (for installation in trolley)
- Copper-plated load hook for increased spark protection
- Stainless steel load hook (up to 750 kg carrying capacity)
- Stainless steel chain (reduced load-bearing capacity) up to 6TI
- Manual emergency lowering device for PROFI 3TI - 20TI hoists
- Special paint finishes