



ST explosion-protected chain hoist programme _ certified acc. to ATEX



- **Protected against gas and dust explosions** _ certified in accordance with ATEX for Zone 1, Zone 21 and Zone 22
- **Maximum safety** _ thanks to patented suspension directly on the chain guide
- **Minimal space required** _ thanks to extremely compact headroom
- **Precision and flexibility** _ ensured by two speeds as standard
- **Long service life** _ in accordance with FEM
- **Maintenance-friendly and cost-effective** _ thanks to low-wear brake and slipping clutch

Extremely safe and powerful _ the explosion-protected ST chain hoist



STAHL CraneSystems, market-leader for explosion-protected hoist and crane technology, presents the world's first and only complete Ex chain hoist programme for Zone 1 in accordance with ATEX, and now also for Zone 21 and Zone 22.

The approved ST chain hoist programme, ranking among the most outstanding and comprehensive product series at international level, provides the foundation. All components come from a single supplier and from our own production.

Application	Category	Protection against	Explosion protection class
Zone 1	II 2 G	Gas	EEx de IIB T4 or EEx de IIC T4
Zone 21	II 2 D	Dust	EEx II 2D 120 °C
Zone 22	II 3 D	Dust	EEx II 3D 120 °C

- Low headroom ensures that the hook path can be utilised to the full
- Two hoisting speeds and travel speeds as standard
- Powerful, robust hoist motor with consistent running performance and high duty cycle
- Sliding rotor motor with integrated conical disc brake
- The patented safety slipping clutch provides protection against overload and limits the hoisting path
- Single-fall chains (up to 2500 kg) and high-performance motors permit great heights of lift
- Hard-wearing, surface-hardened and galvanised load chain
- Every electric chain hoist is tested with at least 25% overload
- Customer-specific designs are available fast thanks to the modular system

Version for Zone 22



Version for Zone 1 and Zone 21



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