



Product News

J D Neuhaus: Hoists deliver 'elevated' Performance in the Process Industry

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A J D Neuhaus air operated Profi 1 TI with a one tonne lift capacity, suitable for a wide range of applications in the process industry.

A number of infinitely variable speed-control systems (including remote control) help users achieve accurate load positioning. Various different trolleys can also be

offered to meet customer demands. Particularly noteworthy is the low overall height. If only low headroom is available and standard trolleys do not meet the application's requirements, JDN low-headroom trolleys are recommended. There are many advantages of using JDN low-headroom trolleys, such as a low-wear patented motor-brake system thanks to fewer components and no additional motor lubrication is required. Users can enjoy a two-step travelling speed and changeable track width options. The trolleys are able to negotiate curves, while longer crossbeams further improve the minimum headroom. Numerous benefits are provided by Profi TI hoists. For example, these easy-to-operate, lightweight hoists are suitable for use in hazardous areas and are insensitive to dust, vapour, humidity and temperatures ranging from -20 to +70°C. Profi Ti hoists can also perform continuous work, extended duty cycles, provide fail-safe starting conditions and overload protection. Fast lifting and lowering speeds can be achieved, even at full load.



A Profi 2 TI air hoist in motorised trolley with a 2 tonne lift capacity.

Additional benefits include minimal maintenance. For example, Profi TI hoists house a low-maintenance vane motor, and the chain sprocket in the mid-section runs in dustproof, maintenance-free ball bearings. The planetary gearbox utilises long-life grease lubrication and all teeth are made of tempered or hardened high-grade steel, while the chain and hook are also made from high-quality tempered

steels with a breaking strength of five times the nominal load. These design features highlight JDN's commitment to safety, which is the company's top priority. Ultimately, process industry users get to enjoy robust, quick, silent, oil-free hoist operation. Furthermore, the hoists are purpose-designed to offer the process industry's most efficient air-consumption rates per metre lift (as low as 0.7m³/min in some applications), helping to reduce TCO (total cost of ownership).