



Planeta

ENGINEERED PRODUCTS



LiftingPlus
Hijzen met visie

FYBERHOIST

by PLANETA



PLANETA FYBERHOIST® – Engineered cleanroom lifting equipment

Ordinary electric hoists do not meet standards which are required in processes such as pharmaceutical, medical and semi-conductor production areas. Contamination due to particles coming from equipment around the production lines may result in bad products. Companies from these industries use enormous air cleaning and conditioning systems to ensure the lowest possible particle count in their production facilities.

PLANETA's engineers have studied the needs in these industries deeply and used state of the art technology to design a full range of hoists using UHMWPE ropes and belts for lifting. Using these ultra-strong fibers, clean lifting is made possible. Users enjoy smooth, silent and safe lifting, with hoists which do not contaminate and are easy to clean. Electronic controls ensure vibration- and shock-free handling of heavy loads. Redundant safety features protect operators

in the confined spaces against overload and dangerous operations outside the given limits. **FYBERHOISTS** comply to Chinese National Standard GB50073-2001 / European Standard ISO14644-1

PITCH

by PLANETA



PLANETA PITCH® – Engineered food grade electric chain hoists

The heavy, but pure production environments in the food industry demand moisture and temperature resistant machines, which do not themselves cause pollution or contamination of the products. PITCH electric chain hoists intrinsically already meet a large part of the conditions required in these processes. PLANETA's designers develop tailor-made solutions for powder, agriculture, the milk industry, cheese, drinks and other sectors. The recently built short headroom hoists for

big-bag stations for milk powder are fully IP66 protected, are equipped with INOX chain and hook. The variable hoisting speed with soft start and soft stop function guarantee shock-free and smooth handling of the load. An electronic overload protection and a mechanical torque limiter contribute to the safe operation of the hoist. The non-corroding nylon trolley wheels and gearboxes lubricated with food grade grease

guarantee safe operation. As an option, the hoists can be fitted with stainless steel protective covers.

PREMIUM PRO ABK

by PLANETA



PLANETA Premium Pro ABK® – Corrosion resistant hand chain hoists

Corrosive and aggressive environments like in the chemical, water treatment and animal food processing industries, need reliable lifting equipment which can withstand these elements. **PLANETA's** Premium Pro ABK offer high resistant aluminum ceramic coatings, offer the excellent properties of ceramics such as high hardness and wear resistance. Plasma spraying has shown excellent results in this application. During plasma spraying, oxide ceramic powder such as aluminum oxide, are melted in a plasma flame at approx. 10,000 °C

and sprayed on a previously sandblasted metal surface. The single fall hoists are as standard equipped with Grade 60 polished stainless steel lifting and maneuvering chains, as well as stainless steel hooks. Operators will sense the efficient gear ratio and low tolerance gears and perform lifting operations with the least efforts. The failsafe brake is protected by an internal dustcover and the mechanical torque limiter protects the hoist and structures against overload. For special conditions high temperature or food grade grease is available.



PREMIUM PRO LHT-EX

by PLANETA



PLANETA Premium Pro LHT-EX – Hand chain hoists for hazardous areas

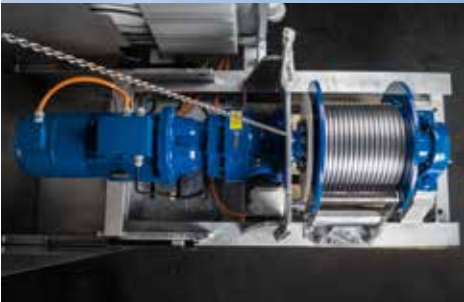
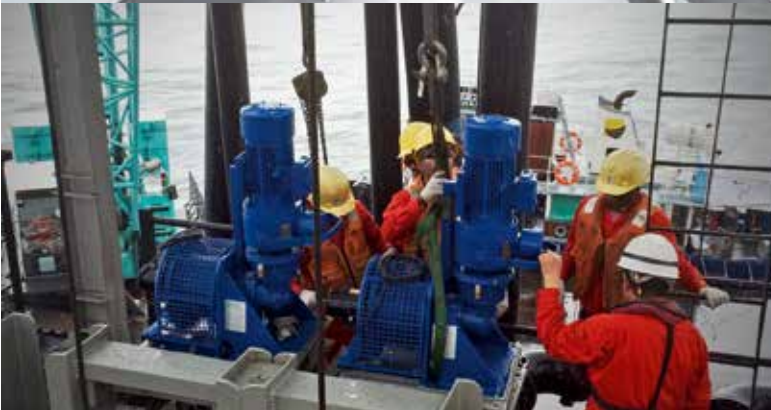
In the chemical industry, there are areas which, due to the substances present, may pose a risk of explosion. Other industries also have areas where substances that can explode can be found. In these areas, strict rules must be followed to limit the risk of explosion. Heat, sparks and pressure must be avoided. Hoisting equipment, which participates in the production process or is used when service work has to be carried out, must be designed in such a way that it cannot be the source of an explosion.

In principle, materials are selected in such a way that, when mechanically contacted, they do not produce sparks which could ignite a mixture of a flammable gas or a flammable substance with oxygen. **PLANETA** is TUV certified to design, manufacture and supply explosion-proof products in accordance with the applicable ATEX standard. In addition to manual hoists and trolleys, **PLANETA** also supplies explosion-protected electric chain and wire rope hoists as well as motor-driven winches.



ROPE WINCHES

by PLANETA



PLANETA Rope Winches – Tailor made winches for all type of industries

Our customers, who can be found in many branches of industry, and all sectors of energy generation, make use of the deep know-how of our engineering department about the processes in which winches are used by the operators. Know-how that has developed over the last few decades while serving projects for energy plants; from coal to nuclear power plants, from local biomass plants to decentralized wind farms. Heavy winches used in offshore locations, or groups of PLC-controlled winches that move the scenery in a concert hall,

winches for moving delicate loads, or hoisting lifts and people, are all already deployed in locations all over the world. **PLANETA's** strength is a great mix of innate curiosity, creativity and the application of components according to the latest technology, using years of experience to do it right all at once. Our winches are well known for their robustness, but also for their functionality, because rolling up a steel wire is one thing, but the ultimate goal is the safe and controlled movement of a load.

Waar kunt u ons vinden?

Wij zijn gevestigd te Meppel, centraal gelegen tussen de snelwegen A32 en A28. Dankzij deze optimale ligging kunnen wij u altijd de beste service bieden. Tevens zijn wij 24/7 bereikbaar in geval van calamiteiten.

Tevens bieden wij samen met onze transportpartners een haal- en brengservice, zodat u geen kostbare tijd verliest.



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