

PRESS RELEASE

Sustainable new development

STREICHER introduces an electric welding tractor to the market

The present social trend towards sustainable technologies has left its mark on the construction industry. This development is of great interest to the STREICHER group of companies because it opens up exciting new business opportunities and technological challenges: finally the market for electrically driven construction machines is young and full of technical gaps. STREICHER has made it its objective to close these gaps. The many years of technical experience within the group have helped to design and implement appropriate modifications and new developments for practical use from experienced practitioners – for example in the form of a specially developed welding tractor with a state-of-the-art electric drive.

ecotec Welding Tractor: In-house development by an interdisciplinary team

As an international system provider, MAX STREICHER GmbH & Co. KG aA is one of the experts in the field of planning, construction and maintenance of various components of the supply infrastructure for gas, water, electricity, district heating, waste water as well as communication and broadband systems. Welding tractors are used every day in the numerous projects of the STREICHER Group companies in pipeline and plant construction. The experience gained in the course of this development flowed into the design of STREICHER's new in-house product.

The result has been an electric welding tractor that meets the highest standards. For in-house use, but also for external customers. The PW150-E is the result of an ambitious project that combines STREICHER's wide-ranging expertise: The development was carried out in an interdisciplinary team of specialists made up of specialist departments, users and developers. The result is a technologically advanced drive system on an electrical basis, which brings significant improvements in the areas of environment and system functionality.

PRESS RELEASE

Made for big things - conceptualised down to detail

In pipeline construction, welding tractors ensure the energy supply for on-site welding activities and transport the required material and equipment - an energy-intensive procedure on rough terrain. The electric welding tractor meets this procedure with a completely redesigned drive system of two electric motors, which significantly reduce CO₂ emissions. The result is an increased cost efficiency of the machine as energy consumption, operating and maintenance costs are reduced to a minimum. Moreover, the new welding tractor is more environment-friendly than its previous models. New chain drive units with larger track shoes are one example where the ground pressure is significantly reduced.

There are also noticeable improvements in functionality. The chassis and the drive components are matched to one another in such a way that the welding tractor has a high ground clearance, which makes it particularly suitable for off-road use. The electric drive also gives the operator the option of precisely controlling the welding tractor even on steep terrains. As the safety brakes of the PW150-E have an automatic opening and closing mechanism, unintentional rolling of the machine on the terrain is made impossible. Another new feature is its control system by means of radio remote control - it allows an intuitive handling of the crane and drive system without having to switch between two separate systems. This allows for better and more efficient work. The ideal field of vision resulting from remote control also guarantees the highest level of safety for all working personnel in the surroundings because the operator can freely choose his or her personal standing point of operation.

A look at the performance data affirms the state-of-the-art of this new development: the lifting crane has a capacity of 11.5 tm and a range of 12.8 m, the power generation supplies an output of up to 150 kVA or a voltage of 400 V AC – an external feed is accordingly possible. The machine can be upgraded optionally by data monitoring of the machines and parameters, using satellite telemetry, compressed air tanks, electrode furnaces, refrigerators and other features.



PRESS RELEASE

A new generation of environmental construction machines

STREICHER has created a versatile product that is second to none - and that has already proven itself in practice in several pipeline projects. With the PW150-E and a specifically in-house developed fully electric horizontal drilling rig HDD80-E, the STREICHER Group commences a new age of systems that is expected to bring many new and exciting developments along with it. These designs are all specifically created for the purpose to stand under the ecotec label according to the motto " from practitioners to practitioners ", bringing the group's sustainable innovations under one label together for better results and a protected environment.

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