



FUTURE-FOCUSED EQUIPMENT

PW150-E Electric Welding Tractor

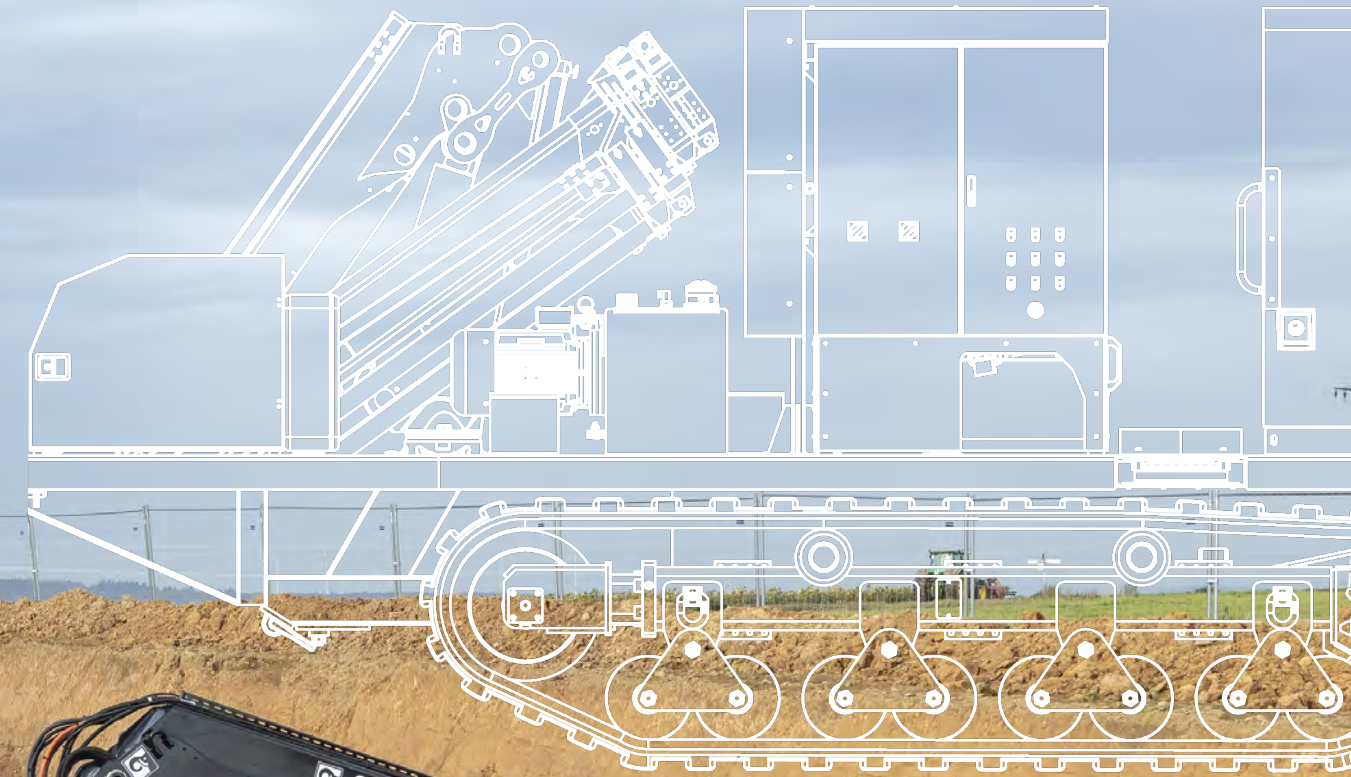


- 1-motor-solution
- Remote-controlled
- Silent
- Powerful
- Flexible

www.streicher-ecotec.de



STREICHER ECOTEC PRODUCTS – PROVEN IN PRACTICE AND FUTURE-FOCUSED



The ecotec welding tractors of **STREICHER** - a real alternative to conventionally operated welding tractors.

In the field of pipeline construction, welding tractors ensure the energy supply required for on-site welding activities. A supplementary feature allows the on-board transportation of required material and equipment.

In close cooperation with engineers, technicians and fitters, **STREICHER** has developed a custom-designed welding tractor with a technologically future-focused drive system on an electric basis.

The welding tractor impresses with:

- safety
- environment-friendly technology
- sustainability
- cost-efficiency





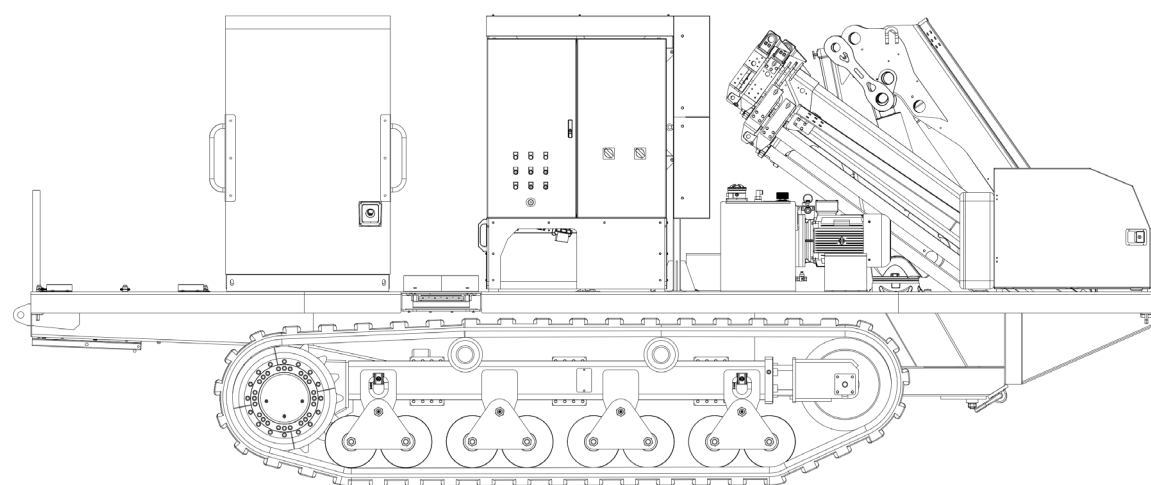
PROGRESS IN TERMS OF EFFICIENCY AND SAFETY

OVERVIEW OF PW150-E

Regenerative energies are becoming more and more important. Their use saves CO₂ emissions and protects the environment. Emissions as well as operating and maintenance costs are noticeably reduced. The PW150-E drive system has been developed as an electric driven device in support of this future-oriented trend.

The new welding tractors convince users with numerous advantages:

- The drive system is realised by two electric motors. The in-house developed type only needs one motor to generate energy. **The energy consumption and CO₂ emissions are significantly reduced.**
- The chassis frame and the drive components are customised to one another so that a high-ground clearance is provided. **The welding tractor is highly adaptable for all terrains and is suitable for all requirements in the field of pipeline construction.**



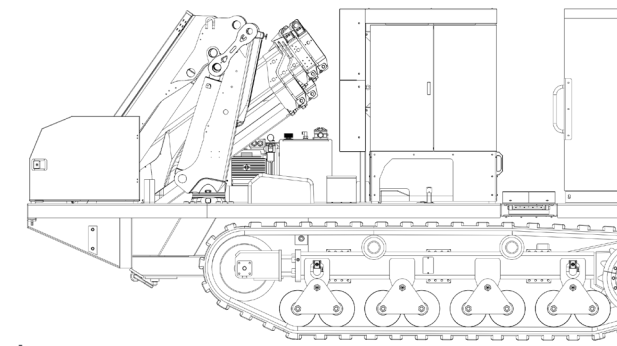
- The track units are designed with large track shoes to **significantly reduce the ground pressure** for high standards of environmental protection.
- Operating personnel are enabled the **highest precision of control** with the **electric drive** to operate the welding tractor while running the tractor unit **even on steep terrains**. The safety brakes of the PW150-E have an automatic opening and closing mechanism so that the machine cannot unintentionally roll off the terrain.
- Lifting crane, power generation, transport boxes and power distributors for the welding process are all integrated on the platform of the welding tractor. The PW150-E also offers **sufficient space and mounting options** for further relevant welding equipment.
- A particularly prominent feature of this welding tractor is its control system by **radio remote control**. The crane and the drive system can be intuitively operator-controlled. There is no need to switch between otherwise separated remote-controls. This provides favorable operating conditions for a more **time-efficient and responsive project work**. The operator can choose his or her location for an optimal field of vision, providing the **highest level of safety** for all participatory working personnel.
- The PW150-E furthermore impresses with its **cost-efficient design**. With the electrical design of the welding tractor, maintenance costs can be reduced to a minimum. The operating costs can thereby be significantly cut along with a reduced energy consumption.

The PW150-E combines all operating requirements in the field of pipeline construction with an electric drive concept. It impresses with its high level of efficiency, flexibility and security.





PW150-E TECHNICAL PRODUCT DATA SHEET



STREICHER PW150-E

- Dimensions (LxWxH): 7.50 x 2.95 x 3.14 m
- Transport weight: 17 t
- Supplementary payload: 2.7 t
- Ground clearance: 0.60 m
- Forging depth: 1 m
- Rotation radius: 0 m
- Ground pressure: 470 g/cm²
- Ambient temperature: -20 to +45 °C

Chassis

- Drive system by electric motors
- Width per track unit: 0.75 m
- Wheel diameter: 0.694 m
- Integrated track unit pretensioner
- Metallic embedded rubber chain

Lifting Crane

- Capacity: 11.5 tm
- Range: 12.8 m
- Integrated automated folding and unfolding device
- LED-illumination

Operation

- Combined, intuitive radio remote control:
Control of crane and drive operation
- Emergency operation for crane and drive operation
- Warning lights and acoustic warn signals during driving operation

Power Generator

- Performance: 150 kVA
- Voltage: 400 V AC
- Frequency: 50 Hz
- Isolation monitoring acc. to DGUV 203-032 integrated

Alternative Power Supply

- Feed-in via public power net possible

Other

- Two tool boxes as storage device for working materials
- Lashing eye and towing eye front and rear
- Charging station including spare battery for radio remote control
- 4 LED head lamps
- 2 LED tail lamps
- Fire extinguisher
- First aid kit

Norms / Standards

- Machine Directive 2006/42/EC (CE)
- Low Voltage Directive (2014/35/EG)
- EMV-Directive (2004/108/EG)
- Industrial Safety Regulations (2009/104/EG)
- DGUV 203-032

Options*

Lifting Crane

- Different designs and types available upon request
- Winch for crane can be added on customer demand

Operation

- Remote access (remote maintenance): available on customer demand

Power Distribution

- Supplementary plug / connections
- Power distributor with plugs up to 63 amperes

Other Optional Equipment

- Data monitoring of machines and parameters with satellite telemetry
- Installation of compressor
- Pressure tank
- Electrode furnace
- Enhanced illumination package
- Refrigerator

*further options available on demand



PROGRESSIVE AND ECO-FRIENDLY

**INNOVATIVE, POWERFUL AND SAFE.
OUR ELECTRIC-DRIVEN TRACTORS ARE BASED ON A MODULAR
CONSTRUCTION DESIGN WITH MULTIPLE POSSIBILITIES OF USAGE.**

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