



**SUCTION** powered by Streicher 



## FUTURE-FOCUSED EQUIPMENT

**VC70**  
Vacuum crawler



- Powerful
- Proven in practice
- Ergonomic
- Eco-friendly
- Future-focused

[www.mammoth-mts.co.uk](http://www.mammoth-mts.co.uk)

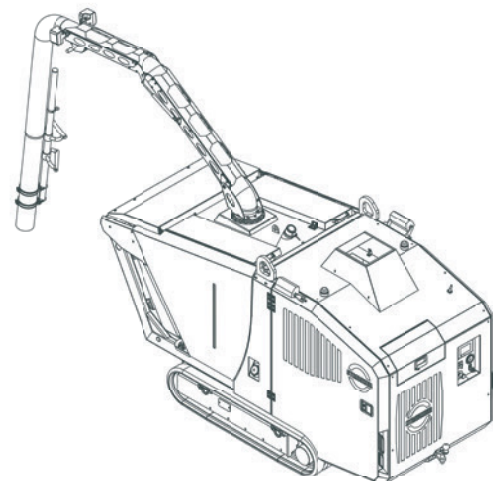
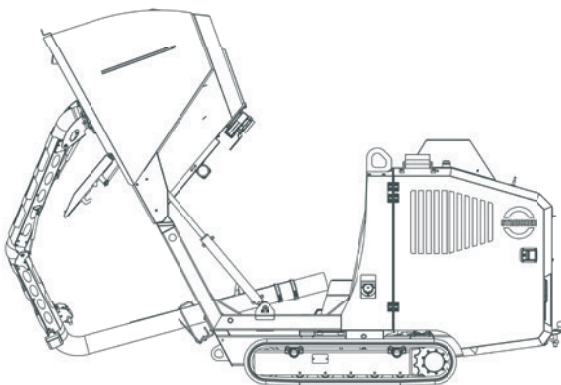
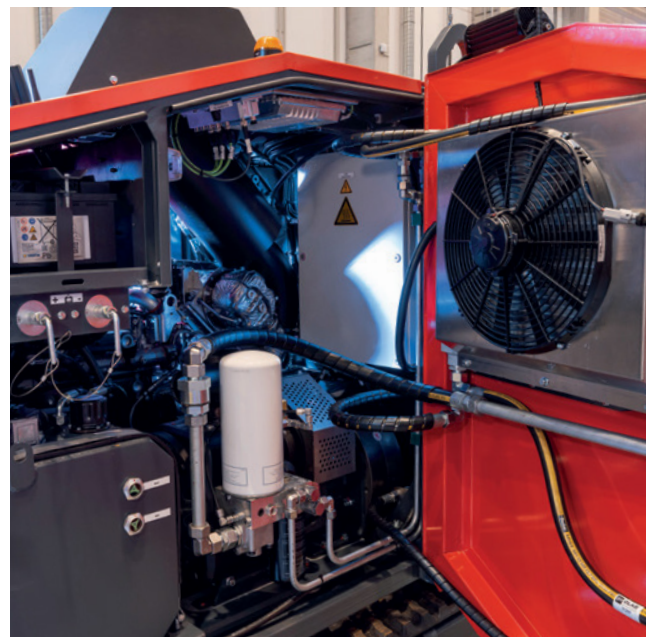


## OVERVIEW OF VC70

Efficiency, occupational safety, environmental protection and ergonomics are core key issues on construction sites. In order to make the removal of a wide variety of soil materials more efficient and less damaging to people and the environment, STREICHER has developed the vacuum crawler VC70. The vacuum crawler is applicable for various purposes, to quickly uncover tree roots, plants and interred line conduits without damaging them, as well as for cleaning industrial plants and sewage systems.

In addition, the new vacuum crawler combines numerous additional advantages in its varied areas of use:

- The remote-controlled vacuum crawler can be prominently used for vacuuming **cohesive soils such as earth, sand, gravel and stones**. Also **mud and water** can be conveniently suctioned off with the VC70.
- With its **compact size** and its **flexible manoeuvrability**, the vacuum crawler can easily pass through narrow access points. It can also be driven on pavements and eliminates the need for road closures.



## PROGRESS IN EFFICIENCY AND ERGONOMIC OPERABILITY

- The VC70 can be transported on a conventional 3.5 t trailer due to its low transportation weight . Its practical mounted attachment points also allow for it being lifted by a crane.
- The VC70 also impresses with its high rate of efficiency . An automatic vacuuming function provides a more efficient operability for excavation activities compared to manual excavation. Likewise ergonomic work is made possible and a gentle operation process is guaranteed.
- In terms of safety, the VC70 vacuum crawler impresses with its integrated tilt sensor among other things. An early warning of steep sloped terrains is relayed to the operator by visual and acoustic warning signals.
- The VC70 is operated via a radio remote control . Its suction operation can be intuitively operated by a radio remote control at the convenience of an infinitely variable vacuuming power performance. A choice between two gears allows the unit's operative maneuverability to be optimally adjusted to its running terrain. Because of the radio remote control an optimal field of vision is ensured and therefore the risk of accidents is reduced.
- What makes the VC70 unique is the powerful integrable compressor. The compressor can be optimally integrated into the vacuum crawler, resulting in considerable transport efficiency. This makes the compressor usable also as a single-standing element for an operation with other tools.

The VC70 combines its proven technology with highest standards in efficiency, ergonomic operability and its protection of the environment.





## VC70

# TECHNICAL PRODUCT DATA SHEET

### STREICHER VC70

- Performance: 55.4 kW (75 PS)
- Transport weight: 2.6 t
- Dimensions (LxWxH): 3.30 x 1.26 x 1.95 m
- Exhaust emission level: EU Stage 5
- Ambient temperature: -20 to +40°C

### Suction system

- Volume flow: 70.8 m<sup>3</sup>/min
- Shaft performance: 25 kW
- Vacuum: 300 mbar

### Suction container

- Container volume: 350 l
- Automatic tilting procedure for emptying the container
- Controlled tank drainage for liquids and mud during hydro excavations and overpumping operations
- Hydraulic opening of the suction container cover

### Suction hose

- Diameter suction hose: 140 mm
- Length suction hose: 5 m
- Pivoting radius: 270°
- Integrated device for weight relief and optimal positioning of suction hose

### Chassis

- Type: Crawler track
- Width per chain track: 230 mm
- Wheel diameter: 301 mm
- Drive speed: 3 km/h
- Integrated chain tensioning unit
- Metallic embedded rubber chain

### Operation

- Control of drive operation by intuitive remote control
- Optic and acoustic warning signals during drive operation with an integrated tilting sensor
- Warning lights for drive operation

### Norms / Standards

- Machinery directive 2006/42/EC
- Outdoor guideline 2000/14/EC

### Options\*

#### Integrated compressor

- Performance: 20 kW
- Pressure: 10 bar
- Volume flow: 2.66 m<sup>3</sup>/min
- Integrated compressed air connection: 10 bar
- Usable as a single unit

#### Suction container

- Filling level sensor for suction container
- Cleaning of suction container by means of vibration motor
- Automatic filter cleaning in combination with compressor

#### Suction hose

- User-specific and geological adjustment of the suction hose
  - Individual extension
  - Diameter change
  - Adaption of the opening

#### Other optional equipment

- Compressed air lance for subsoiling including equipment
- Remote access (remote maintenance)
- Filling level sensor for hydraulic tank
- Pressure filter for hydraulic unit
- Connection for hydraulic tools for usage of onboard hydraulic system
- Illumination: Lighting of the construction site with multiple LED headlights

\*further options available on demand



AUTHORISED SALES & SERVICE PARTNER ·

Mammoth Equipment Ltd, 19 Lancaster Way Business Park, Ely CB6 3NW T: +44 (0)1353 664888 E: info@mammoth-mts.co.uk