The power to deliver top performance

SCW/T-550H/630H
The most powerful stump cutter for intensive use

This machine from Herder-Fermex is all you need for removing just about any tree stump. It has very high cutting power, is highly maneuverable, can reach places with difficult access and is extremely simple to operate by radio control.

More power, faster working

This stump cutter comes in 75 ps and 110 ps models. Both machines have a 4-cylinder diesel motor. In combination with a cutting speed of 41.5 metres per second and 44.5 metres per second respectively, the high power ensures that you have extremely high cutting capacity at your disposal. The power and torque of these diesel motors are tuned to the RPM and cutting speed of the cutting wheel. This results in a highly balanced and thoroughly reliable machine.

Work without problems

These machines have been developed especially for companies involved in large garden, forestry and landscape management projects. Such companies want the security of machines which combine very high cutting capacity with maximum operational safety and ease of use under difficult circumstances. It is the solution for professionals who want a stump cutter which performs optimally day in, day out.

Simple operation

As you can expect from Herder-Fermex, this machine is also very easy to operate. These models have radio control as standard. This makes it easy for you to position yourself where you have the best view of the work, and you can make the most of your investment.

Minimum width, maximum stability

The width of the machine has been reduced to 85 cm to allow access to places that are difficult to reach. With this width, the machine can reach almost any location. Thanks to its low center of gravity, the machine is also extremely stable, despite its width.
More freedom thanks to the hydraulic drive

The hydraulic drive gives the cutting wheel maximum freedom of movement, as there are no mechanical constraints. And moreover, you have the security of a machine with maximum versatility and minimal wear of power train parts.

Available with caterpillar tracks or wheels

These machines are available on caterpillar tracks, or on a caterpillar undercarriage or 4-wheel model. The SCW-550H and SCW-630H models with wheels (Stump Cutter Wheeled) are supplied as standard with dual tires for extra stability and 4-wheel drive for better driving characteristics on all types of terrain. The dual tires can be removed easily, realizing a width of 85 cm for access to narrow passageways.

The SCT-550H and SCT-630H caterpillar models (Stump Cutter Tracked) are supplied as standard with caterpillars instead of wheels. The caterpillars allow the machine to get into areas that cannot bear much weight or that are uneven. The width of the caterpillar undercarriage can be adjusted from 85 cm to 123 cm. In the narrow setting, this machine is ideal for reaching places with difficult access. The wide setting at 123 cm guarantees extra stability, so that you can also work on slopes.

The advantages of a bulldozer blade

The SCT-550H and SCT-630H with caterpillar tracks are supplied as standard with a bulldozer blade. It is attached to the back. An extra bulldozer blade is also optionally available for the cutting wheel side. The wheeled versions, SCW-550H and SCW-630H, can be extended optionally with a bulldozer blade on the back. This dozer blade can be used to push the wood chips directly into the hole that is created, or to push up and stabilize the back of the stump cutter, thus expanding the reach of the cutter below ground level.
### Technical Specifications

#### Power Source
- **SCW/T-550H-75**: Perkins, Diesel
- **SCW/T-630H-110**: Perkins, Diesel

#### Drive
- **Hydraulic pump**: Engine
- **Ad Blue**: No, Yes
- **Power**: 75 PS, 110 PS
- **Number of cylinders**: 4
- **Cooling**: Water
- **Diesel tank volume**: Approx. 80 liters
- **Ad Blue tank volume**: D.n.a.
- **Power supply**: 12 volt

#### Hydraulics
- **Operation**: Radio control, 100 m max. Slew.
- **Valves**: Proportional
- **Cutting**: raise, lower
- **Slew speed**: Adjustable
- **Wheel**: Forward and reverse 4.4
- **Driving speed**: Proportional
- **Max. driving speed wheeled model**: 4.4 km/hour
- **Max. driving speed Caterpillar model**: Approx. 5 km/hour

#### Cutter Reach
- **Below ground level**: 66 cm, 70 cm
- **Above ground level**: 63 cm, 59 cm
- **Sideways**: 180 cm, 180 cm

#### Cutting Wheel
- **Diameter (without teeth)**: 550 mm, 630 mm
- **Diameter with teeth**: 640 mm, 720 mm
- **Wheel width**: 24 mm, 24 mm
- **Drive**: Hydraulic
- **Speed Number**: 1080 rpm, 880 rpm
- **Cutting speed**: 36.3 m/s, 33.2 m/s
- **Number of teeth**: 32, 36 (or 40)
- **Material of teeth**: Tungsten Carbide

#### Dimensions
- **Length**: 335 cm, 335 cm
- **Width (T version minimum)**: 85 cm, 85 cm
- **Width (T version maximum)**: 123 cm, 123 cm
- **Width (W version with dual tires)**: Approx. 123 cm
- **Height (T version/ Caterpillar)**: 150 cm, 150 cm
- **Height (T version/ Wheel)**: Approx. 155 cm
- **Weight (T version/Caterpillar)**: Approx. 2150 kg
- **Weight (W version/Wheel)**: Approx. 1925 kg