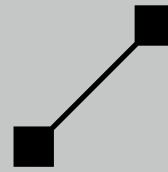
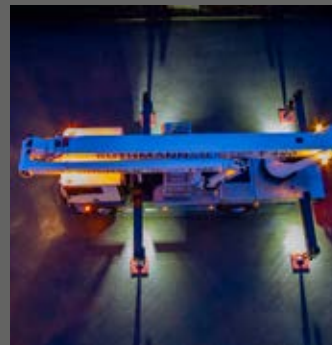
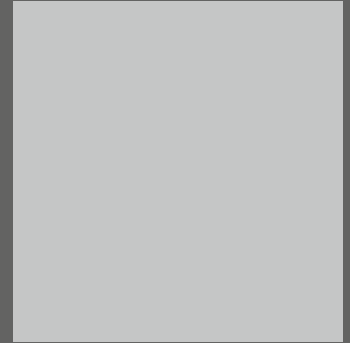


STEIGER®



RUTHMANN
professionals at work



SPECIAL FEATURES

for

HEIGHT
performance

&

HEIGHT
performance
highflex

Special Features HEIGHT performance

Lift-Up-System

Material winch

Camera Bracket

Round Camera Basket

Entry/Access Possibilities

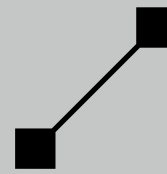
Façade Cleaning Equipment

Air and Water Connectors

Distance Measuring Sensor

Cleaning Hatch





Features for Performance-STEIGER®



Folding Seat

Heating Systems

Outrigger pads

Ambient lighting

Safety Systems

Bird's-eye view

HYBRIDpower

Cabin/seat at the tower

Standard Features 

Optional Equipment 

HEIGHT performance



Lift-Up-System

fast and easy lifting of material



The new "Lift-Up-System" is practical, safe, and efficient. Whether you are installing glass window panes, signs or advertising displays, with the new "Lift-Up-System" integrated into the working basket, heavy or bulky items can be lifted safely to the desired position. The unique design of our "Lift-Up -System" permits loads to be picked up right at ground level. The maximum load capacity of the "Lift-Up-System" is a generous 400 kg.

Particularly advantageous: Our "Lift-Up-System" does not need to be transported separately and no awkward on-site assembly is required. Furthermore, there are no stumbling hazards in the work basket.

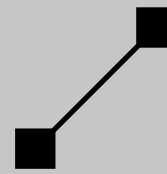
Typical Work Assignments:

- Glass surface/window installation
- Floodlight mast assembly
- Façade installation
- Sign/Advertising display assembly
- Radio mast installation
- Solar panel assembly

Your advantages at a glance:

- No on-site assembly necessary
- No additional tools required
- Obstacle-free work basket floor
- Maximum load capacity = 400 kg
- Wide range of application possibilities



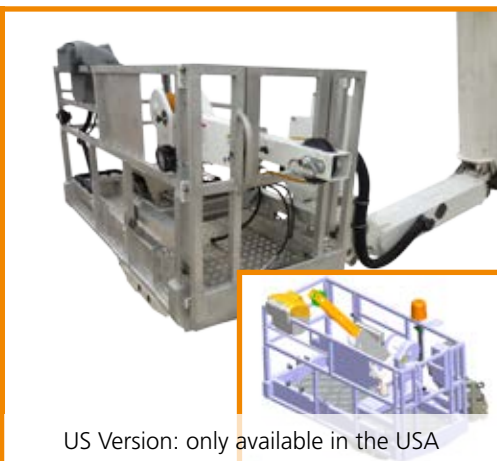


Material winch fast and easy lifting of material



EU Version: only available in the EU

Using the material winch is a fast and efficient way to lift heavy/bulky items without having to lower the work platform. With a lift capacity of up to 300 kg and lifting speed of approx. 6 to 10 m per minute, a great variety of objects can be conveniently lifted to the desired location. Because of its swivelling and retractable features, the material winch can be used on many different types of assignments.



US Version: only available in the USA

Application Possibilities:

- Glass surface/window installation
- Floodlight mast assembly
- Façade installation
- Sign/Advertising display assembly
- Radio mast installation
- Solar panel assembly
- Power pole installation



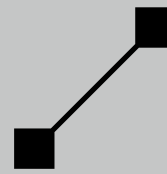
Camera Bracket

simple and practical



The practical camera bracket facilitates steady and smooth filming from high up. The brackets can accommodate cameras that weigh up to 100 kg.





Round Camera Basket for the perfect swing

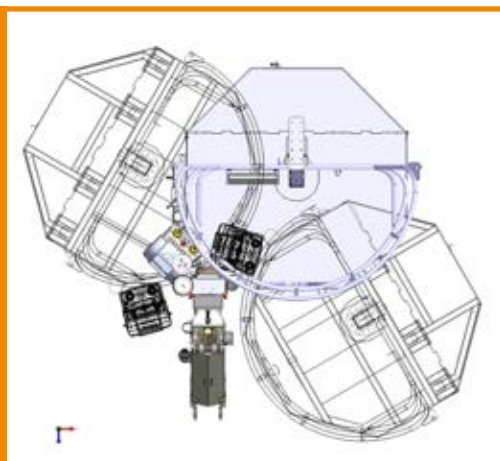


The round camera basket is designed specifically for professional film productions and TV live broadcasts, for example for golf tournaments. The basket bracket and the rail can be rotated around 360°.

Thus, the basket offers full camera panning options and also allows a camera view of minus 315°. The additional lateral leveling with crank allows maximum compensation of up to 3°.

In addition to the rotation of the basket console, the cameraman can also manually rotate the camera. This way, even more flexibility and dynamic scenes are possible during filming. The height of the camera holding position is adjustable (between 650 mm and 900 mm).

The control panel/ COCKPIT is mounted next to the basket console, so ensuring simple control of the STEIGER®.





Entry/Access Possibilities possible everytime and everywhere



There are two ways to enter the work basket of models in the **HEIGHT performance**-series in an upright position.

1. On the short side of the basket in basic position left
2. On the long side of the basket to the right of the jib (RÜSSEL®)

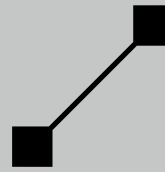
Convenient access at these entry points is guaranteed.



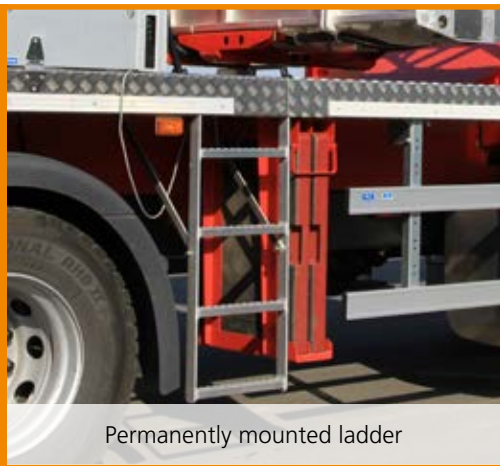
Side entrance to work basket



Entrance to work basket across from the control panel



Ladders/Stairs for easy entering the loading area/work basket

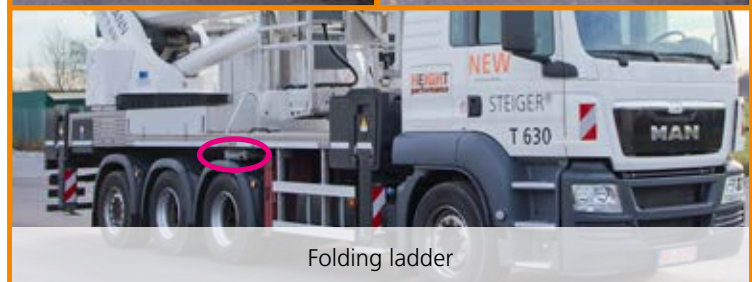


Permanently mounted ladder



Permanently mounted ladder

In basic position, the work basket of the STEIGER® aerial platform or the loading area is accessible using a ladder/stairs. There are three different types of stairs/ladders available: a) permanently mounted ladder, b) folding stairs or c) folding ladder.



Folding ladder



Façade Cleaning Equipment hyCLEANER® red EVO I**



The hyCLEANER® red EVO I attachment gently cleans every type of façade surface imaginable. It is fast, efficient, and extremely cost-effective. The cleaning attachment is powered by high pressure water and requires no electricity. It is able to clean an endless variety of surfaces in one easy step and can move over protruding contours such as window sills and window frames without difficulty. Thanks to the stainless steel used for the water pressure system, the water can be mixed with cleaning products which prevent the windows from streaking.

In addition, the hyCLEANER® red EVO I has running wheels that do not leave any visible marks on the surface of the façade.

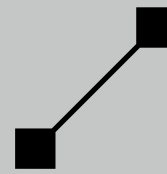
Machine

Brush roller width: approx. 1550 mm
Total weight: min. 120 kg

Antrieb

Water pressure: 1740 - 2320 psi
Coverage*: max. 18 m²/min
*dependent on accumulated dirt





Air and Water Connectors in the Work Basket



Compressed air or high-pressure cleaning equipment can be conveniently attached to the air and water connectors in the work basket. The hose is safely integrated into the boom system. Dragging long and heavy hoses to the job site is now a thing of the past.



Distance Measuring Sensor more downward visibility



The distance sensor, with its state-of-the-art ultrasonic technology (scanning range to 1300 mm and ultrasonic frequency of 200 kHz) further increases the level of safety and convenience in the work basket. With the sensor mounted on the work basket console, operators can avoid unintentional collisions with sensitive objects.



HEIGHT performance

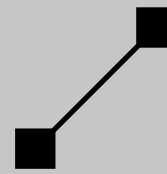


Cleaning Hatch everything's clean anytime



Tree clippings, cables, garbage etc. – everything often ends up on the work basket floor. Thanks to the practical cleaning hatch, the basket floor can quickly be cleaned with either a broom or air/water pressure. Regular cleaning of the basket floor is important as it eliminates slip and trip hazards.





Folding Seat for short brakes



Constant standing on long work assignments is very strenuous, leads to poor concentration and increases the risk of accidents. To avoid this, the folding seat – for operator and accompanying personnel – offers a simple and straightforward way to relax. The seat is installed in a particularly space-saving way because of the innovative folding mechanism.





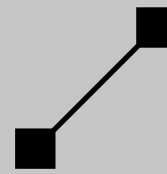
Heating Systems for Control Panel and Work Basket

Being well prepared for cold weather is extremely important. Professional heating systems get operators and STEIGER® work platforms ready for the winter season. We offer four different systems to keep control panels and work baskets frost-free:

- Fan heater for control panel (page 15)
- Infrared radiator for control panel (page 16)
- Aluminum heating plate in the work basket (page 17)
- Infrared heating mat in the work basket (without further pics or explanation)

Of course, all systems can be combined as desired. A 230V power supply is required for all heaters.





Fan heater for control panel

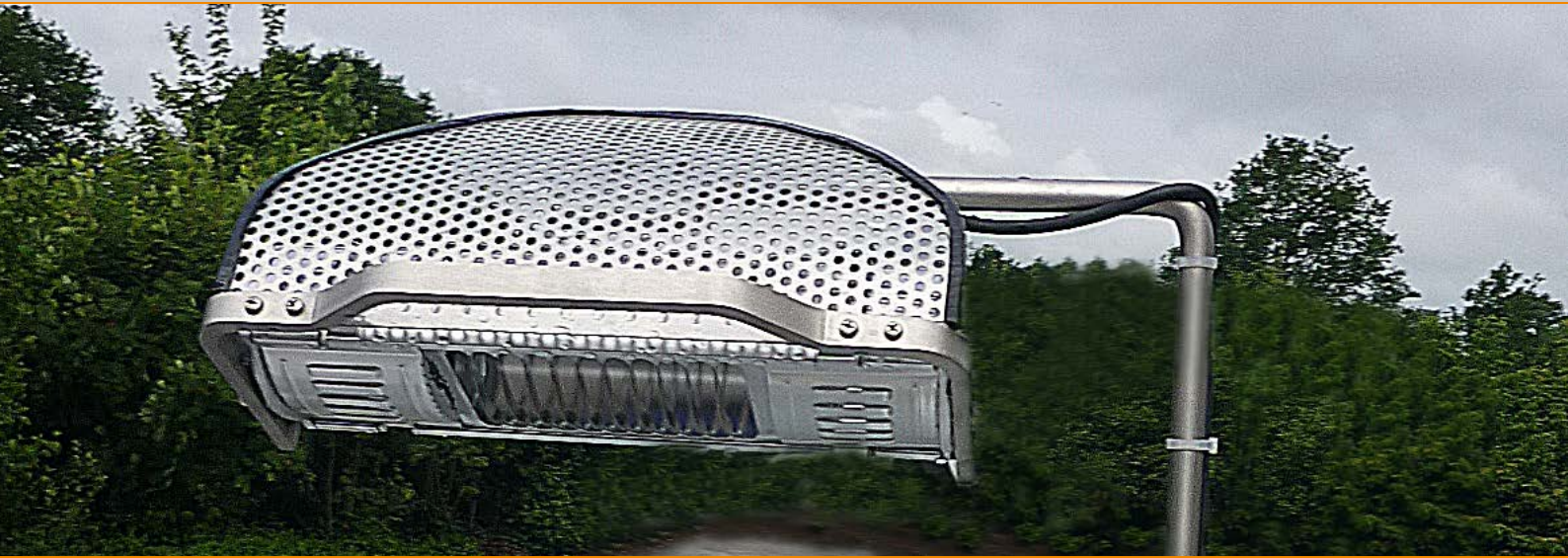


The control panel requires a calm and steady hand. In lofty heights up to 72 m, hands can get very cold, especially during the winter. In cold weather, precise and reliable control of the work platform is only possible to a limited extent. To prevent this, we have a fan heater available for the control panel. The heater warms the hands and also prevents the controls from freezing. In addition, heating ducts are shaped in a unique way to accommodate jacket sleeves, if necessary. The operator and accompanying personnel remain warm and comfortable even on those long work assignments in frigid temperatures. Safety on the job is a top priority year round.

Heat output: 400 Watts



HEIGHT performance



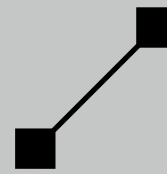
Infrared radiator for control panel



Just like the fan heater, the infrared radiator keeps hands warm and the control panel ice-free. In contrast to the fan heater however, there is no flow of warm air, but continuous warmth from above. This infrared heater can be combined with the fan heater for maximum comfort.

Heat output: 550 Watts





Aluminum heating plate in the work basket



STEIGER® aerial work platforms carry out assignments in all types of weather conditions. In sub-zero temperatures, moisture on the work basket floor freezes and operators may slip, resulting in serious injury. Our solution: a section of the work basket can be fitted with an aluminum heating plate. This keeps feet warm, prevents freezing, and creates a safer work environment in the basket.

Heat output: 750 Watts

Included in delivery: aluminum heating plate, control element



HEIGHT performance



Outrigger pads „Spread the load!“



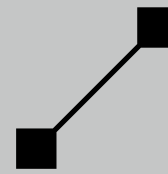
Outrigger pads for safe positioning

The outrigger pads can either be attached to the vehicle with a mounting bracket or directly to the outriggers/stabilizers (pictured on the right).

They can be removed quickly, safely and ergonomically due to the convenient carrying handles. Our pads are sturdy, weather-resistant, and carefully milled. The rubber coating on the underside makes them slip resistant.

They are environmentally friendly because they are made of recycled material.





Ambient lighting

As darkness falls, lights go on!



Proper lighting maximizes overall safety at the jobsite. With this extremely important equipment, visibility is enhanced significantly.

4 LED flood lights have been mounted under the platform. They illuminate the area behind the 2 front outriggers and area in front of the 2 rear outriggers.

The lights are operated via two rocker switches located inside the cab. Each has an indicator light and is marked with a headlamp symbol. One rocker switch controls the side of the vehicle (left or right) to be illuminated.





Fire extinguisher



First aid kit



You may equip your STEIGER® with fire extinguishers in order to prevent hazards, for example during installation works. Thus, you can quickly extinguish fire sources at the higher-situated erection place and prevent dangerous situations in time (fire extinguisher in the working basket) as well as in the parking position of the vehicle (fire extinguisher at the base frame).

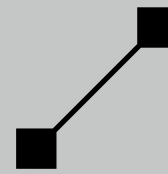
Correct application of a fire extinguisher:

- Tackle the fire in wind direction
- Extinguish from front to rear and from bottom to top
- But: Extinguish dripping and flowing fire from top to bottom
- Use several fire extinguishers at the same time – not in sequence
- Be aware of re-ignition – extinguish embers subsequently always with water
- Do not re-hang used fire extinguishers – always recharge them

Sometimes due to small carelessness you can suffer an injury.

Minor wounds or injuries can be treated locally with a first aid kit.

We offer a first aid kit, mounted in the basket of your STEIGER®. In this way you can also attend to injuries immediately at height assembly stations, without having to first move to the home position.



Bird's-eye view

The view around



Everyone who considers safety and operational effectiveness as an important feature should equip their STEIGER® with a 'bird's-eye view'. The 360° camera system displays everything in the driver's cabin that is happening around your STEIGER®. As well from the bird's-eye view. To this effect, four cameras are mounted to the vehicle and telescopic boom. One at the front of the cooling grill (see below), one to the left and to the right on the boom and one at the rear of the vehicle rear. As demonstrated on the left, the birds-eye view system can represent every camera individually on the screen. The system offers the possibility to position, for example, the supports thanks to the all-round view without incurring any greater danger. This then, for example, prevents that objects can be damaged or leant on manhole covers.



HEIGHT performance



HYBRIDpower

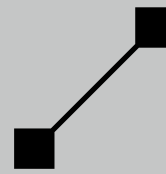
Works electrically, emission-free and noiseless



Equip your STEIGER® with HYBRIDpower now. Here an additional electric drive is required which is powered by a battery pack. Thus, exhaust gas and CO₂-free and nearly noiseless operation has been made possible. HYBRIDpower is particularly useful for work in the pedestrian zone or within enclosed or partially enclosed buildings.

We offer an ecological and economical at the same time, alternative drive option for your truck-mounted working platform with HYBRIDpower. You save, for example, on diesel. The engine may be switched off for only a few movements of the boom in the air/at the object. The STEIGER® is then driven by battery. Finally, HYBRIDpower of **RUTHMANN** provides automatically a standby drive if the vehicle engine cannot be started when the boom is in a raised position.





Cabin/Seat at the tower



We offer upon special customer request the possibility for an additional control unit directly at the tower part of the STEIGER®. This additional control unit can be switched on by a selector and is equipped with the same control desk as in the working basket.

We offer self-contained cabins (see left and above) or an open control unit with seat left to the tower (see below left). To get started, the control desk is swiveled aside.

Please note that a cabin or an open control unit reduces the payload reserve of your vehicle (minimum weight 140 kg).



HEIGHT performance-STEIGER®

STEIGER® T 380



STEIGER® T 400



STEIGER® T 460



STEIGER® T 480



STEIGER® T 540



STEIGER® T 630



STEIGER® T 720



STEIGER® T 510 HF



STEIGER® T 570 HF



STEIGER® T 650 HF



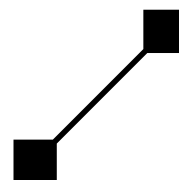
STEIGER® T 750 HF



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