

ScaffMover (EN)

Congratulations on the purchase of your new ScaffMover, and thank you for choosing a product from **Kronings Group**. It is important that you read this manual thoroughly before using your ScaffMover. Unauthorized use or maintenance may result in voidance of the guarantee.

WARNING NOTICE FOR BATTERY

Charge the battery completely before first use!

The Lithium battery installed in this machine has only been charged to part of its capacity (as freight regulations prescribe). It is vital that you charge the battery to its full capacity before operating the machine to ensure high performance and long life. Charging for the first time may take 6-8 hours (see recharging instructions).

Always recharge fully after use until the LED light turns green!

Recharge Periodically!

If the ScaffMover goes unused for more than two months, it is highly recommended to inspect and charge the battery until the LED on the charger changes from red to green, in order to maintain maximum battery life and performance.

Do not store the ScaffMover in direct sunlight or at high temperatures. High temperatures may drain the battery quickly.

Failure to follow these instructions will damage the battery and void the battery's warranty!

Batteries: Charging and changing

Battery for ScaffMover

1. To charge the ScaffMover battery, connect the charger to the ScaffMover by placing the charging plug in the outlet on the back of the battery.
2. The battery charger displays a constant red light while charging is in progress. Completion of battery charging is indicated by a constant green light.

Changing the remote control battery

1. Loosen the 4 screws on the back of the remote control and remove the panel.
2. Replace the old battery with a new one of the same type.

Remember to protect the environment when disposing of batteries – do not dispose of them with ordinary household waste.

Technical Data

	ScaffMover
Battery voltage	14.8V
Battery type	Lithium
Battery capacity	Approx. 11,000 mAh
Battery operating capacity	Approx. 60 min. operation
Battery charger	100-240 V, 5 A
Remote control battery	2 x AA 1.5 Volt
Max. load stress	200 kg
Speed unloaded	Approx. 16 m/min.
Speed loaded	Approx. 12 m/min.
Motor	2 x DC motors
Safety function	6 hours. Auto shut-off.
Hauling capacity	Up to 500 kg
Caterpillar tracks	2 with rubber profiles
Weight	Approx. 20 kg

Contents of carton

When unpacking the ScaffMover, please check that all parts are in the carton.
If any of the items are missing: Contact your dealer.

	ScaffMover
Operating Manual	1
ScaffMover	1
Battery	1
Charger incl. AC cable	1
Charge adapter	1
Remote control incl. 2x AA batteries	1
Spring Bracket	1

EC DECLARATION OF CONFORMITY

No.: 1

The manufacturer, and/or any authorized representative of the manufacturer within the European Community, hereinafter referred to as

Kronings Aps, Susaavaenget 1, DK-6710 Esbjerg, Denmark

declares that the product: ScaffMover

have been manufactured in conformity with the provisions of the following EC directives

- 98/37/EC – The Machinery Directive
- 99/5/EC – The R&TTE Directive
- 2004/108/EC – The EMC Directive
- 2002/95/EC – The RoHS Directive
- 2002/96/EC – The WEEE Directive

and that all standards mentioned overleaf have been applied.

The last two digits of the year of the CE approval: 12

Reference to standards (or parts hereof) applied in connection with this Declaration of Conformity:

- **harmonized standards:**

EN 953: 2003 Safety of Machinery - Guards – General requirements for the design and construction of fixed and movable guards

EN 954-1: 2003 Safety of Machinery. Safety-related parts of control systems. Part 1: General principles for design

EN 1037: 1998 Safety of Machinery – prevention of unexpected start-up

EN 12100-1: 2005 Safety of Machinery – Basic concepts and general principles for design – Part 1: Basic terminology, methodology

EN 12100-2: 2005 Safety of Machinery – Basic concepts and general principles for design – Part 2: Technical principles

EN 13850: 2006 Safety of Machinery – Emergency stop – Principles for design

EN 13857: 2008 Safety distances to prevent hazard zones being reached by upper and lower limbs

EN 60204-1: 2006 Safety of Machinery - Electrical equipment of machines - Part 1: General requirements

Kronings ApS

Susaavaenget 1, DK-6710 Esbjerg V, Denmark

Before Use: Preparing the ScaffMover

Checking the status

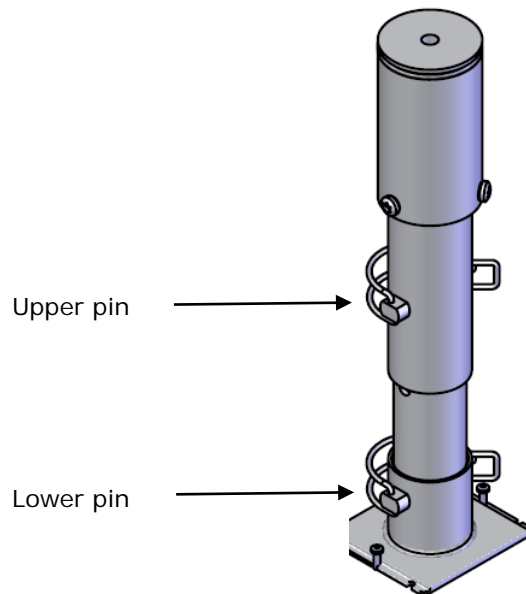
1. Unpack the ScaffMover and check that the ScaffMover is clean and not broken
2. Make sure the ScaffMover battery is charged according to instructions

Mounting the suspension fitting – spring tower bracket

REGIONAL VARIANTS

Some countries and makes of scaffolds may require a special bracket version. Please inquire with your dealer.

1. Pull out the lower pin from the spring tower and place it into the ScaffMover bracket.
2. Push in the pin and lock it firmly
3. Use the upper pin to adjust the height of the print tower so the two front wheels of the scaffold is lifted 4 – 5 centimeters when the scaffold is unloaded.



Mounting of ScaffMover

1. Lift up the scaffold over the tower spring bracket, and slide it carefully over the tower, where after the front wheels are lifted 4 – 5 centimeters.

Using the ScaffMover

SOME ADVICE ON SAFETY AND OPERATION BEFORE STARTING

1. Familiarize yourself with the operating manual, and practice maneuvering the scaffold on a flat surface before attempting to maneuver it on sloping surfaces less than 3% incline.
2. **Load:** The ScaffMover is designed for moving scaffolds weighing up to approx. 500 kg. In order for ScaffMover to function optimally, the front wheels of the scaffold must be lifted 4 – 5 centimeters when only the weight of the scaffold is added to the ScaffMover. Too little weight on the ScaffMover may result in poor gripping and poor towing results.
3. **Level surfaces:** Never use the ScaffMover on surfaces which are slippery or with an incline of more than 3%.

Special precaution

Be aware that the manual of the scaffold must be clearly indicating that the ScaffMover is allowed to be used with the scaffold.

Always make sure all areas around the scaffold is free from persons and building materials before use.

The remote control may only be used by one person while standing on the scaffold.

All rules and regulations of the area if which the scaffold is being used with the ScaffMover must be followed.

Kronings Aps cannot be kept liable for any person or material damage while using the ScaffMover.



Do not dispose the battery in daily renovation disposal can, but in approved container only.

Activating and Pairing the ScaffMover with the remote control

The ScaffMover comes pre-paired with the remote control.

- Turn on the ScaffMover by simply pressing the Start/Stop button for maximum 1-2 seconds.
- Turn on the remote control by pushing the forward button (↑) once.
- The ScaffMover is now ready to use.

IMPORTANT

Re-pairing the ScaffMover

1. Turn on the Remote Control by pushing the Forward button (↑) once. The green light on the Remote Control will turn on.
2. Turn on the ScaffMover by clicking the Start/Stop button. The green light on the ScaffMover will turn on.
3. Now simultaneously press and hold the Right turn (→) button on the Remote Control and press and hold the Start/Stop button on the ScaffMover, both LED lights start to blink for 8 seconds, after which the LED lights will light constantly. Now the ScaffMover and Remote Control have been re-paired and are ready to use. If this pairing procedure is unsuccessful, the Remote Control will turn off automatically in around 15 seconds, and the user needs to redo the procedure from step 1.

The start/stop button and operating status indicator are located on the front of the ScaffMover
(The diode lighting can be difficult to see in strong sunlight):



The maneuvering buttons on the remote control:

Forward: (↑); **Turn right:** (→)
Backward: (↓); **Turn left:** (←)



Battery Indicator

The battery indicator shows the ScaffMover's remaining battery status. If the capacity is too low, the ScaffMover may not respond correctly.
If the indicator itself weakens, the remote control battery needs to be replaced, otherwise the ScaffMover may not respond correctly.

Maneuvering the ScaffMover

The ScaffMover logo on the remote control must always point toward the ScaffMover.

Use both hands on the remote control, and hold it horizontally during use.

- **Forward:** To move forward, in the same direction as the antenna, hold down forward button (↑).
- **Backward:** To move backward/reverse, hold down the back button (↓).
- **Turn:** To turn, hold down the forward (↑) or backward (↓) button while at the same time holding down one of the turn buttons of the remote control to turn right (→) or left (←). The ScaffMover will only turn if you first hold the forward or backward button, followed by a turn button.
- **Stop:** To stop the ScaffMover from moving, simply release the forward or backward button.
- **High-speed:** To move forward or backwards in high speed, press at same time the forward or backwards button and the Rabbit / high-speed button.

Deactivating the ScaffMover

- The ScaffMover shuts off automatically after 6 hours if the remote control is not activated within that period.
- If you do not want to wait 6 hours until the ScaffMover shuts off automatically, press the start/stop button to disconnect the power manually on the ScaffMover. Turn off the Remote Control LED light by holding down the Right Button (→), and then pressing the left button(←) at the same time

After Use: Detaching, Cleaning, Storing, and Maintenance

Detaching the ScaffMover

Never leave the ScaffMover mounted to the scaffold while towing or pushing the scaffold manually. It is important that you always detach the ScaffMover after use and place it in a safe and clean storage together with the remote control and charger.

When you have finished towing the scaffold and you want to disconnect the ScaffMover, simply lift up the scaffold so the tower is free, and then move the scaffold away from the ScaffMover.

Cleaning

If you have used the ScaffMover in moist or dirty conditions, you can clean it in the following manner: Remove pebbles, clay, dust and the like from the belts. Then give it a gentle cleaning using a very small amount of clean water and a brush or cloth. Do not use soap or cleansing agents or a high-pressure cleaner. The ScaffMover IS NOT waterproof.

Storage

Store the ScaffMover in dry, frost-free conditions.

Do not store the ScaffMover in direct sunlight or at high temperatures. High temperatures may drain the battery quickly.

Maintenance

The ScaffMover should be operated at least every second month in order to keep the battery healthy.

If the ScaffMover goes unused for more than two months, it is highly recommended that you operate the ScaffMover for a short while and then charge the battery until the LED on the charger turns green, in order to maintain maximum battery life and performance.

A service after 2 months is strongly recommended, only by certified and authorized personnel educated by Kronings.

Repair

Please contact your local dealer for repair issues.

Complaints

In case of any claim regarding this product, please contact your dealer and provide information about: The cause of the error or defect and the date of purchase. Present your invoice as proof of purchase.

Children

Note that children under age 4 should not play with any plastic bags or small parts from the ScaffMover, as there is a risk of suffocation. Children should not use the ScaffMover at any times.

Kronings ApS

Susaavaenget 1, DK-6710 Esbjerg V, Denmark

www.kronings.com