



USER MANUAL **RAVAS ProLine 6200**



We would like to inform you about the fact that this RAVAS product is 100% recyclable on the basis that the parts are processed and disposed of in the right manner.
More information can be found on our website: www.ravas.com

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Printing/Typographical errors and model changes reserved.



PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE

If you have any queries concerning the duration and terms of the guarantee, please contact your supplier. We would also refer you to our General Sale and Supply Conditions, which are available on request.

The manufacturer accepts no liability for any damage or injury caused by failure to follow these instructions, or from negligent operation or assembly, even if this is not expressly stated in this instruction manual.

In light of our policy of continuous improvement, it is possible that details of the product may differ from those described in this manual. For this reason, these instructions should only be treated as guidelines for the installation of the relevant product. This manual has been compiled with all due care, but the manufacturer cannot be held responsible for any consequences of errors. All rights are reserved and no part of this manual may be reproduced in any way.

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1. Introduction

This manual describes the use of the **RAVAS ProLine 6200**. Read this manual carefully. The installer must be informed of the contents of this manual. Always do things in the correct order. This manual should be kept on a safe and dry place. In case of damage or loss the user may request a new copy of the manual from RAVAS.

2. Warning & Safety measures

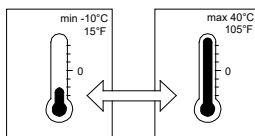
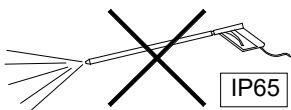
When using the **RAVAS ProLine 6200**, please observe carefully the instructions and guidelines contained in this manual.

Always perform each step in sequence. If any of the instructions are not clear, please contact RAVAS.



READ
CAREFULLY

- All safety regulations that apply to the pallet truck remain valid and unchanged;
- No weighing operations are allowed if any persons or objects are in the vicinity; around, under or close to the load;
- Any modifications done to the system must be approved in writing by the supplier, prior to any work being completed;
- It is the sole responsibility of the purchaser to train their own employees in the proper use and maintenance of this equipment;
- Do not operate this unit unless you have been fully trained in its capabilities;
- Check the accuracy of the scale on a regular basis to prevent faulty readings;
- Only trained and authorized personnel are allowed to service the scale;
- Always follow the operating and maintenance instructions of the pallet truck and ask the supplier when in doubt;
- RAVAS is not responsible for errors that occur due to incorrect weightings or inaccurate scales.



Should you have any further questions after reading this manual then you can contact us at:

RAVAS Europe B.V.
Veilingweg 17
5301 KM Zaltbommel
Netherlands
Changes reserved.

Phone: +31 (0)418-515220
Internet: www.ravas.com
Email: info@ravas.com

2.1 Lithium Ion Battery (standard)

Important Safety Information



DANGER

- Use the specific Li-ion charger and observe the specified charging conditions when charging the battery.
- Avoid influences of high temperature and keep away from fire.
- Do not deform, modify or disassemble the battery.
- Do not connect the (+) and (-) terminals with metal objects.
- Do not put the battery in (sea) water.
- Do not throw with the battery to avoid strong shocks.



WARNING

- When a battery leaks, the battery should directly be wrapped up properly and treated as recyclable resource.
- When, due to leaking from the battery, liquid gets into your eyes, immediately clean the affected area with water without rubbing your eyes, and seek medical advice immediately.
- The charging of the battery will be stopped automatically. When due to what cause the battery is not fully charged after 8 hours (LED of the charger doesn't become green), immediately unplug the battery from the holder to stop charging. Battery or charger does not work properly, exchange battery or charger.
- Storing and/or using the battery outside the given temperature range may have a negative effect on the lifetime and/or the performance of the battery.
- Do not longer use a battery with leakages, deformation or when any other abnormalities occur.
- Battery should be charged in a dry surrounding.



WARNING

Charging can be carried out at any time regardless of the amount of charge remaining, but you should fully charge the battery at the following moments:

- **The battery is not fully charged at the time of delivery!** The battery can be used after fully charging with the specific Li-ion charger. The LED on the battery charger will become green when fully charged. Note: Before using the weighing system, be sure that the battery is fully charged.
- After the battery has become completely empty. An empty battery will get broken (loss of capacity) when not directly fully charged.

Specifications

Nominal voltage / capacity	BA-14.8V-5A: 5 Ah (used for hand pallet trucks)
Operating temperature range	During use: -10°C - +50°C During charging: 0°C - +40°C

Operation

- **Normal charging**

- Charging takes up to 6-7 hours for a full charge (a partially discharged battery will be fully charged sooner).
- When the battery is fully charged, charger stops automatically.
- After charging, the battery should be taken out of the charger.

- **Storing the battery**

- When the weighing system is not used for a longer period, make sure the battery has approximately 70% of the battery capacity remaining. Take care not to let the battery become completely empty by charging it every 6 months.
- Store the battery separated from the weighing system in an indoor place (approx. +10°C - +20°C) where it is not exposed to direct sunlight or rain.

- **Battery life**

The battery is a consumable item. The battery will gradually lose its capacity for charging after repeated use and after time has passed. If the operating time that the battery can be used becomes shorter and shorter, it has probably reached the end of its life.
Note: For replacement or additional battery pack, contact your distributor.

- **About used batteries**

Lithium ion batteries are recyclable, valuable resources. For recycling of broken or used batteries, follow the local guidelines in your country. If you are not sure, please sent back to the distributor for proper way of recycling.



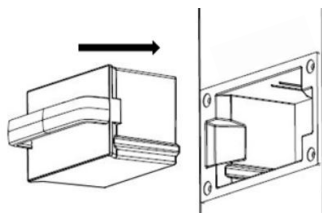
Disposal information for countries outside the European Union

This symbol is only valid within the European Union. Follow local regulations when disposing used batteries. If you are not sure, consult the place of purchase or a RAVAS dealer.

3. System setup

3.1 Placing the battery pack in the pallet truck

The power supply to the system takes place through an exchangeable battery pack. With a completely charged battery pack the total weighing time is about 25 hours for a Li-ion battery (for a system without a printer).



3.2 Switching on/off the RAVAS ProLine 6200

Switch the indicator on or off by pressing the on/off key.



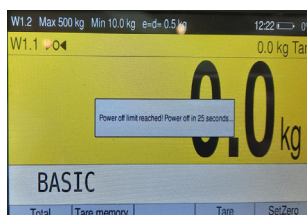
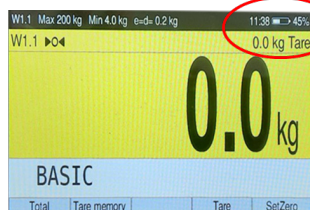
After 5 seconds all electronics are warmed up and you can start weighing.

4. Changing battery

4.1 Low battery indication RAVAS ProLine 6200

An exchangeable battery pack supplies power to the **RAVAS ProLine 6200**.

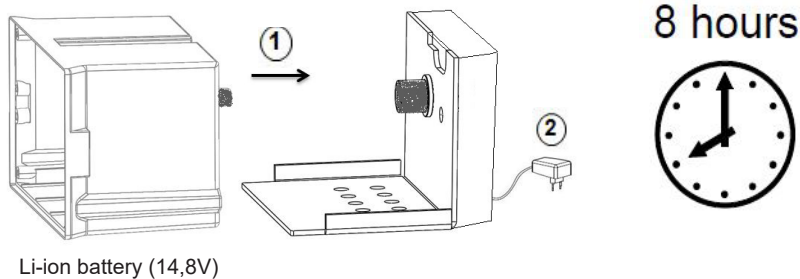
When the voltage level of the battery pack is down to 10%, it is strongly advised to charge the battery. Once the voltage level is down to 0%, the indicator will automatically switch off.



4.2 Charging the battery pack of the pallet truck

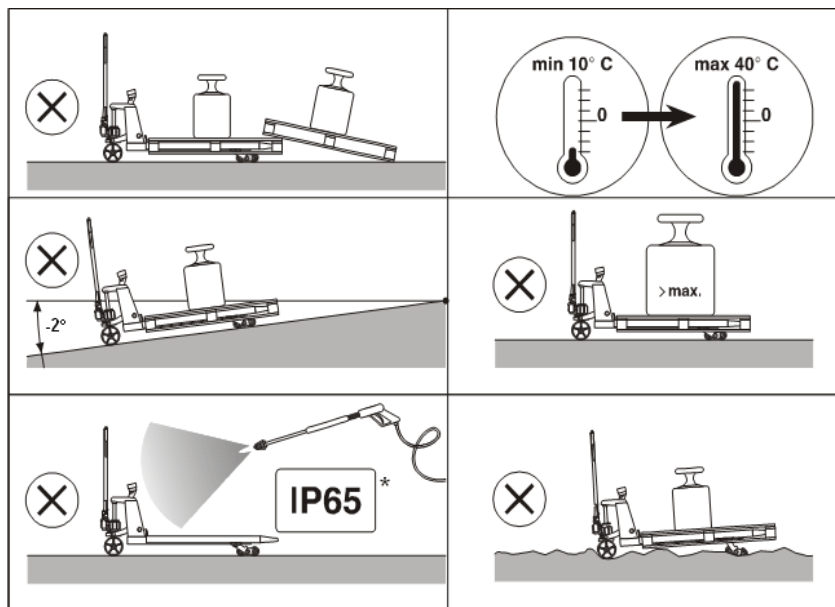
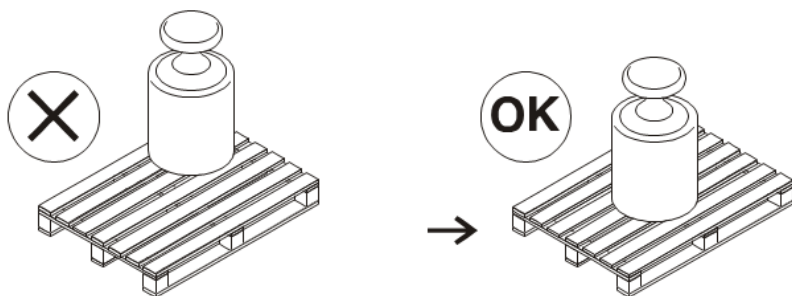
The system is equipped with a rechargeable battery pack and a smart charger. After charging for at least 8 hours, the charger will shut off when the battery pack is completely full. The red LED on the adaptor will change to green once the battery is fully charged.


First position the battery pack inside the charger module (1), then plug the adaptor into the mains voltage (2).

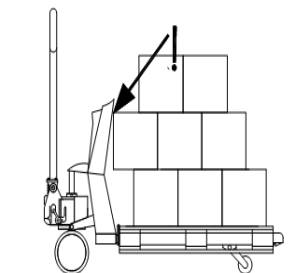


5. Use

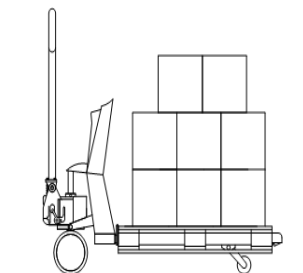
5.1 Use (accurate weighing)



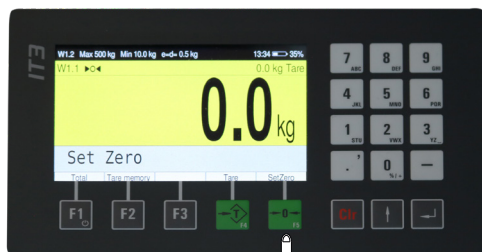
* excl. 



Wrong way of lifting the load



Correct way of lifting the load



Check the zero reading before each weighing!

Before each weighing it is necessary to check whether the system is unloaded and free.

If the indicator does not determine the zero point automatically, it must be done manually using the >0< key.

5.2 Maintenance

The maintenance guidelines for normal pallet trucks apply to the chassis of the mobile weighing system. From experience we know that the integrated weighing system still functions when the chassis is damaged by overloading.

Main guidelines:

- Because the steering wheels are mounted in the front, pulling of the pallet truck is preferred above pushing it.
- When the lifting mechanism is not used, the handle should be kept in the neutral, middle position. This prolongs the life span of the sealings.
- The weighing system meets up to the protection class IP65. This means that dust or moisture (rain or water beam from all sides), will not influence the operation of the electronics. However, high-pressure cleansing in combination with warm water or chemical cleansers will lead to the entry of moisture and therefore negatively influence the operation of the system.
- Only specialists may undertake any welding. This is to avoid damage to electronics and load cells.
- The bearings of the wheels (non-polyurethane) and the pivoting points of the levelling bar of the loading wheels must be cleansed and greased regularly.
- All safety regulations that apply to the pallet truck remain valid and unchanged;
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