

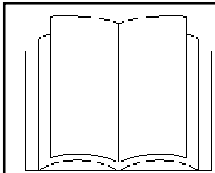
AVANT[®]

Operator's manual for Attachment



Skip bucket

Product number: 300-700-series loaders: A2838
A21126



Please read this manual carefully before using the equipment, and follow all instructions.

Keep this manual for later reference.

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This manual uses the following warning symbols to indicate factors that must be taken into account to reduce the risk of personal injury or damage to property:

	<p>This safety symbol refers to important safety information in this manual. It warns of an immediate hazard that could cause serious personal injury or damage to property.</p> <p>Read the warning text accompanying the symbol carefully and ensure that other operators are also familiar with the warnings, since personal safety is at stake.</p>
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This notice symbol indicates information about the correct operation and maintenance of the equipment.

Failure to observe the instructions accompanying the symbol can lead to equipment breakdown or other property damage.

In addition to the safety instructions included in this manual, you must observe all occupational safety regulations, local laws and other regulations concerning the use of the equipment. Due to continuous product development, some of the details in this manual may differ from your equipment. We reserve the right to change the contents of the manual without notification. This operator's manual is a translation of the original Finnish version.

1. Foreword

Avant Tecno Oy would like to thank you for your purchase of this AVANT attachment. It has been designed and manufactured on the basis of years of product development and experience. By familiarising yourself with this manual and following the instructions, you ascertain your safety and ensure the reliable operation and long service life of the equipment. Read the instructions carefully before starting to use the equipment or performing maintenance.

With these instructions, even inexperienced users can use the attachment and the loader safely. The manual also includes important instructions for experienced AVANT operators. Ensure that all persons using the equipment have received proper guidance and familiarised themselves with the manual and all safety instructions before using the equipment. Keep this manual at hand throughout the service life of the equipment. If the manual is lost, you can request a new one from the retailer or manufacturer. If you sell or transfer the equipment, be sure to hand over this manual to the new owner.


2. Designed purpose of use

The AVANT skip bucket is an attachment designed and manufactured to suite AVANT multi purpose loaders for waste collecting, transporting, storing and emptying. The edge of the bucket tilts down to the ground so it can be loaded from the ground level, and thanks to the sharp front edge the filling is easy and efficient. The bucket has two support legs so that it can be left standing in place.

The attachments have been designed to require as little maintenance as possible. The operator can perform regular maintenance tasks, but certain more demanding tasks must be left to qualified professionals. Appropriate protective equipment and original spare parts must be used for the maintenance. Read the maintenance and servicing instructions in this manual. Please contact your AVANT retailer if you have additional questions about the operation or maintenance of the equipment or if you require spare parts or maintenance services.

3. Safety instructions for the skip bucket

Please bear in mind that safety is the result of several factors. The loader-attachment combination is highly powerful, and improper or careless use may cause serious personal injury or property damage. Due to this, you should carefully familiarise yourself with the manuals of both the loader and the attachment before starting operation. Do not use the attachment if you have not familiarised yourself with its operation and the related hazards. The purpose of these instructions is to help you to:

- Use the equipment in a safe and efficient manner
 - Monitor and prevent any hazardous situations
 - Keep the equipment intact and ensure a long service life
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- Ensure that a bucket that is not mounted is supported properly.
 - Due to the tipping hazard of a bucket that has not been mounted, do not try to move it by pushing or dragging it, instead lift it with the loader.
 - When mounting the bucket to the loader, ensure that the locking pins of the loader's quick attach plate are in the lower position and that they **have locked the attachment to the loader**.
 - Fill the bucket in a way that its centre of gravity will not get shifted by too much, and that the stability of the bucket will remain.
 - Always transport the bucket as low and as close to the machine as possible to keep the centre of gravity low.
 - When transporting the attachment, pay attention to the contours of the terrain and other hazards. Pay attention to the surroundings and any other persons and machines moving in the vicinity.
 - Do not modify the structure of the attachment in a manner that would affect its safety.



- Do not use the bucket as an access platform or to move persons. Do not climb into the bucket.
- Also read the safety instructions for the loader in the loader manual.



Note that the loader boom moves down and may be tilted even if the engine has been stopped. Never go under a raised attachment or boom or to the danger area between the boom and the attachment.

Do not move the bucket by hand. The bucket is heavy and it may tip over or you could injure yourself when trying to move it. Detach the bucket to a place from where it can be reached directly with the loader.

Remember to wear proper protective clothing:



- The noise level in the driver's seat may exceed 85 dB(A). Wear hearing protection while working with the loader.

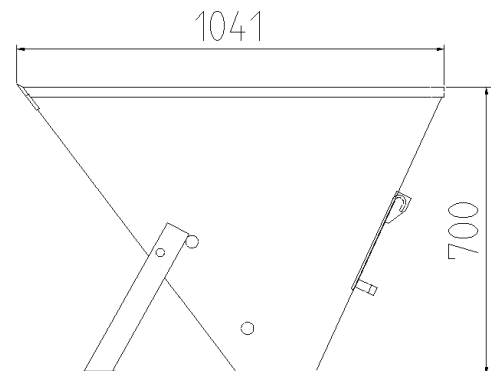


- The use of safety boots is recommended while working with the loader.

4. Skip bucket specifications

Table 1 – Skip bucket technical data

Product number	A2838	A21126
Total width:	950 mm	1 390 mm
Volume:	360 l	700 l
Weight:	120 kg	160 kg
Suitable AVANT loader	300-700	



Listed below are the markings and labels fastened to the attachment, and they must be visible on the equipment. Replace the warning labels, if they have become unclear or detached completely. New labels are available via your retailer or contact information provided on the cover page.



The warning decals contain important safety information. Replace damaged or missing decals with new ones.

CE	 AVANT TECNO OY	
	Ylötie 1 FIN-33470 YLÖJÄRVI	
TYPE	Axxxxx	No. 00000
Year	2010	kW kg

Identification plate of the attachment



A46771



A46772

- A46771 – Read instructions before use.
- A46772 – Do not go under a raised attachment, stay away from raised equipment.

5. Mounting the skip bucket to the loader

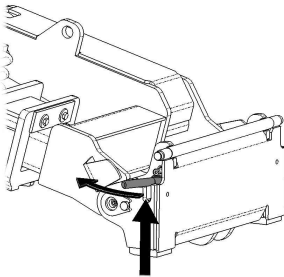
Mounting the attachment to the loader is quick and easy, but it must be done carefully. If the attachment is not locked to the loader, it may detach from the loader and cause hazardous situations. In the worst case, the attachment may slide onto the driver along a raised boom. For this reason, the attachment must under no circumstances be raised over one metre when it has not been locked. To prevent hazardous situations, always follow the attachment mounting instructions provided in the following pages. Also remember the safety instructions in Section 3.

These instructions are applicable to mounting the bucket to the boom quick attach plate of AVANT loaders that have standard quick attach locking. If your machine is equipped with a hydraulic locking and/or serial quick attach system, refer to the relevant manuals for additional mounting instructions.

The attachment is mounted to the loader boom by using the quick attach plate and the counterpart on the attachment. The locking on the loaders is semi-automatic; the locking latches are released as the locking pins hit the pin guides when the boom front plate is tilted towards the loader. The attachment is mounted to the loader as follows:

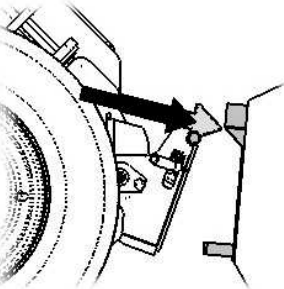


Never move or raise an attachment that has not been locked.



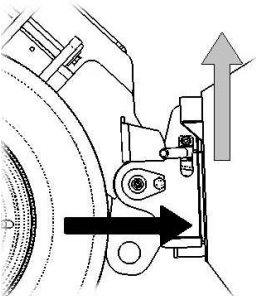
Step 1:

- Lift the quick attach plate locking pins up and turn them backwards into the slot so that they are locked in the upper position.



Step 2:

- Turn the quick attach plate hydraulically to an obliquely forward position.
- Drive the loader onto the attachment. If your loader is equipped with a telescopic boom, you can utilise this.

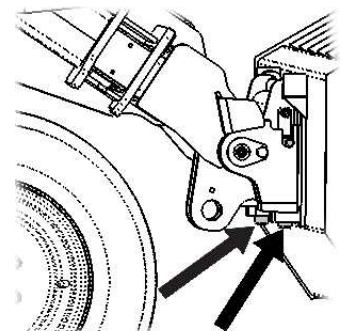


Step 3:

- Lift the boom slightly – pull the boom control lever backward to raise the attachment off the ground.
- Turn the boom control lever left to turn the bottom section of the quick attach plate onto the attachment.
- Turn the boom control lever further to the left so that the locking pins lock the attachment as they hit the pin guides.



Before moving or lifting the attachment, ensure that the locking pins are in the lower position and come through the fasteners on both sides. Unlocked attachment may fall on the boom or operator and cause injuries.





Do not use the automatic return of the locking pins when the attachment or the boom has been lifted **at a height of over one metre**. Excess tilting increases the risk of toppling over. We recommend that you lower the attachment onto the ground and secure the locking manually.



Ensure the stability of the attachment when taking it off from the loader. Set the outriggers so that the bucket will not tip over. Read the instructions in section 6.

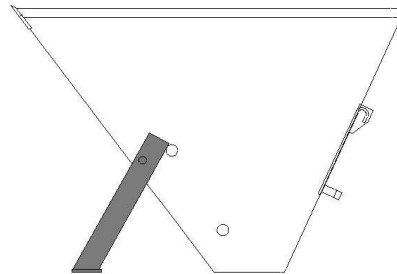
The automatic returning of the locking pins is an useful feature, when attaching an empty attachment at low height and on even surfaces. Otherwise we recommend to lock the pins manually.

6. Instructions for use

The skip bucket will stay in place with its two outriggers. Place the outriggers so that they will not get bent or damaged when mounting the bucket or taking it from the loader.



Make sure that the skip bucket is properly supported; tilt the outriggers fully and lower the bucket on a even surface.



The skip buckets may be filled completely, if the loader can handle the total load. Check the load handling capacity of the loader from the diagram in the operator's manual of the loader.

Lifting material from a pile requires the most power from the loader. Especially when using a bucket with a long base, the correct working method should be observed for the best performance of equipment. Filling the large bucket by ramming straight into a pile of heavy material and then trying to lift or tilt the bucket is not possible with any loader type. The loading is most effective when only the tip of the bucket is pushed into the pile, and then by simultaneous driving, lifting and tilting the equipment, material is cut into the bucket. Use high engine revolutions and read the instructions for correct use of the drive pedal from the loader manual.



In case the loader is not equipped with the boom self levelling:

When lifting the bucket to a high level, the front plate must be simultaneously tilted to prevent the load from falling from on the loader or the operator. Fitting the loader with the boom self-levelling option makes the repeated lifting work easier.

7. Maintenance and servicing

Do not let water to stay in the bucket. You may use a pressure washer and a mild detergent to clean the bucket. Do not use strong solvents or spray directly at the labels on the attachment. For longer storage periods touch up the paint where needed to prevent rust damage. Do not store the attachment directly against the ground; place it on blocks of wood or on a pallet, for example. Preferably store the bucket so that is laid on its long base and not left on its outriggers

8. Warranty terms

Avant Tecno Oy grants a warranty of one year (12 months) for the attachment from the date of purchase.

The warranty covers repair costs as follows:

- Work costs are covered, if the repair is not performed at the factory.
- The factory replaces any defective components or consumables.

The factory may reimburse the price of components purchased by the customer in special cases that have been agreed in advance.

The warranty does not cover:

- Normal maintenance work, such as the replacement of blades or the belts, or parts and consumables required for it.
- Damages caused by unusual operating conditions or ways of use, negligence, structural changes made without the consent of Avant Tecno Oy, use of non-original parts or lack of maintenance.
- Consequences of a defect, such as interruption of work or other possible additional damages.
- Travel and/or freight costs caused by the repair.



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