



Operator's Manual for Attachment



Grain/flour dispenser bucket

Product number

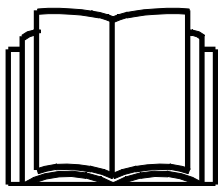
Grain/flour dispenser bucket

Discharge to the right

Discharge to the left

A1194

A36559



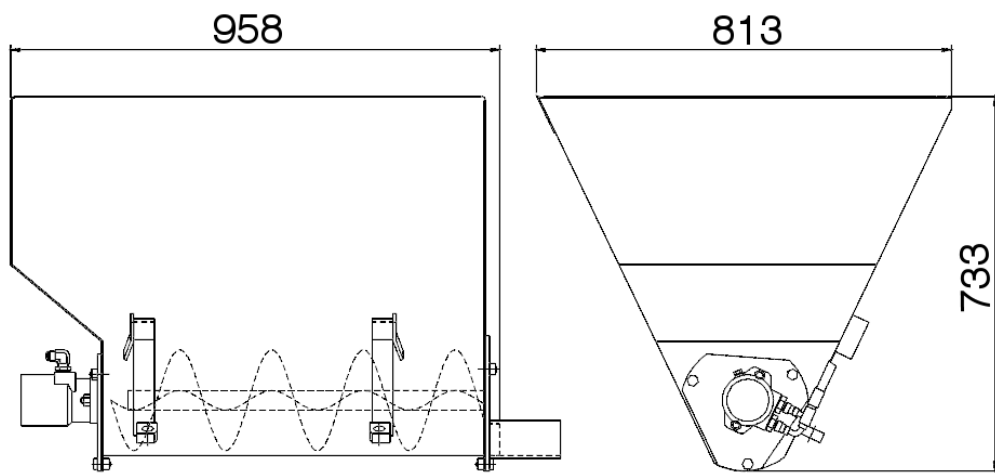
Please read this manual carefully before using the equipment, and follow all instructions.

Keep this manual for later reference.

Manufacturer:

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I. Foreword

Avant Tecno Oy would like to thank you for your purchase of this attachment for your Avant loader. It has been designed and manufactured on the basis of years of experience on product development and manufacturing. 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.

The purpose of this manual is to help you to:

- operate the equipment in a safe and efficient manner
- observe and prevent any hazardous situations
- keep the equipment intact and ensure a long service life

The following warning symbols are used throughout this manual to indicate factors that must be taken into account to reduce the risk of personal injury or damage to property:

	WARNING:
	This safety symbol refers to important safety information in this manual. It warns of an immediate hazard that could cause serious personal injury. 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.

NOTICE

This signal word 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.

With these instructions, even an inexperienced user can use the attachment and loader safely. The manual includes important instructions for experienced AVANT operators as well. Ensure that all persons using the loader have received proper guidance and familiarised themselves with the manual of the loader, each attachment that are used, and all safety instructions before using the equipment. Using the equipment for other purposes or use in any other way than described in this manual is prohibited. Keep this manual at hand throughout the service life of the equipment. If you sell or transfer the equipment, be sure to hand over this manual to the new owner. If the manual is lost or damaged, you can request a new one from your Avant dealer or from the manufacturer. Due to continuous product development some of the details shown in this manual may differ from your equipment. This manual contains the original instructions in English.

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. Particularly the regulations concerning the use of the equipment on public road areas must be observed. We reserve the right to change the contents of the manual without notification.

2. Designed purpose of use

The AVANT Grain/flour dispenser bucket is an attachment suitable for use with AVANT multi purpose loaders shown in Table 1. It is intended for distributing flour, crushed grain or similar materials to cattle feeding table. The bucket can be filled from the ground or from a separate silo. Dispensing is carried out with a feeding auger and the discharge is either at left or right side of the bucket, depending on model.

The attachment has been designed to require as little maintenance as possible. The operator can perform regular maintenance tasks. All repair work can't be performed by the operator, and demanding repair and maintenance operations are to be left for professional maintenance. All maintenance work must be done using proper safety equipment. Spare parts must be identical with original specifications, which can be ensured by using only original spare parts. A separate spare parts catalog may be available, consult your Avant dealer.

Familiarise yourself with the manual's instructions regarding service and maintenance. 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.

Table 1 - Grain/flour dispenser bucket - Compatibility with Avant loaders

Avant	216 218 220	313S 320S 320S+	419 420	520 R20 525LPG R28 528	630 R35 635 640	745 750 760
A1194 A36559	-	•	•	•	•	•

3. Safety instructions for using the 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 or maintenance may cause serious personal injury or property damage. Due to this, all operators must carefully familiarise themselves about correct use and the operator's manuals of both the loader and the attachment before starting operation. Do not use the attachment if you have not completely familiarised yourself with its operation and the related hazards.



Misuse, careless use, or using an attachment that is in poor condition, may cause risk of serious injuries. Familiarise yourself with the controls of the loader, correct coupling procedure, and the correct way to operate the attachment at a safe area. Study especially how to stop the equipment in a safe manner. Read all safety precautions carefully.

Read all safety instructions carefully before handling the attachment



- When attaching an attachment 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.** Never lift or move an unlocked attachment.
- The Grain/flour dispenser bucket is designed to be used by one operator at a time. Do not let others near the danger area of the equipment when it is in use.
- Always transport the attachment as low as possible to keep the centre of gravity low, and keep the telescopic boom retracted during driving.
- When filling the bucket from a silo keep it securely against the ground and attached to the loader.
- When unlocking and removing the bucket off from the loader, ensure that it is secured against accidental movement. To prevent the attachment from tipping over, empty it first and lower it on even surface. Ensure the bucket is supported properly during storage.
- Before starting the dispenser bucket, make sure that there are no foreign objects in the bucket that could be ejected from the attachment or that could damage the equipment.
- Be sure not to tilt the bucket too far up to prevent material from spilling from the bucket.
- Check the auger regularly. Read the instructions on maintenance and servicing and only use original spare parts.



- Operate the controls of the loader in a slow and calm manner. Be careful when lifting load to high level or lifting load from high. Avoid sudden changes in speed or direction to maintain balance of the loader especially when handling heavy loads. Drive slowly and carefully especially on inclined terrain or slippery surfaces.
- Carrying heavy loads can shift the centre of gravity of the loader and lead to tipping over of the loader. Always transport the load as low and close to the machine as possible with the telescopic boom completely retracted to keep the centre of gravity low and for the best stability.
- The stability of the loader may change when leaving the driver's seat, leading to tipping over of the machine. Always remember that the boom may lower unexpectedly due to loss of stability, mechanical fault, or if another person operates the controls of the loader, leading to crushing hazard. The grab or the loader are not intended to be left to keep a load elevated for longer periods.
- Keep the loader articulation in straight position when handling heavy loads. When turning the articulation, the loader may tilt forward.
- Observe maximum load indicated in the operator's manual of the loader. Be especially careful when the load sensor indicator is activated.
- Make sure that the surface can bear the total load. Also follow the correct tyre pressure settings.
- Make sure that overhead clearance is sufficient. Hitting an overhead obstacle may cause the loader to tip over. Keep a safe distance from electric cables, lamps, or other electric systems; hitting live parts may cause electric shock.
- Ensure that ventilation is sufficient when operating indoors. Do not operate the loader in closed spaces regardless of the engine or fuel type. Exhaust gases may concentrate to hazardous levels.
- Never use the attachment to lift or to transport persons or as any kind of work platform even temporarily.
- Make sure to use only an attachment that is in good condition. Check the attachment thoroughly in regular intervals. Do not modify the attachment in a manner that would affect its safety. It is prohibited to drill holes on the attachment, and welding or other means of fixing hooks or other objects on the attachment is strictly prohibited.
- Shut down the loader and place the attachment to a safe position as shown in Safe stopping procedure before any cleaning, maintenance, or adjustments.
- Pay attention to the surroundings and any other persons and machines moving in the vicinity. Pay attention to the contours of the terrain and other hazards, such as branches and trees that can reach to the driver's area, loose rocks, and slippery surfaces.
- Make sure to use only an attachment that is in good condition. Do not modify the attachment in any way that could affect its safety.
- Use the attachment only for its intended purpose. Other use may create unnecessary safety risks, and the equipment may get damaged.
- Make sure that the loader is equipped with necessary safety components, and that they are in working condition. Seat belt must be used. If there are specific hazards related to the operating area, use appropriate safety equipment.
- Also read the safety instructions and correct use of the loader from the operator's manual of the loader.

Remember to wear proper protective clothing:

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



Wear protective gloves.



Wear safety boots whenever working with the loader.



Wear safety glasses when handling hydraulic components.



Never wear loose clothing, long scarves, jewellery, or other items while operating the attachment. Loose clothing might become entangled in rotating parts. If needed, wear a hat to prevent long hair from coming into contact with the rotating parts.



Improper or careless use of the equipment can cause hazards of thrown objects and entanglement. Use the bucket only to dispense materials that are suitable for cattle feeding.



Never allow anyone to get under the raised load or the loader boom. Keep in mind that the loader boom can be lowered or tilted even if the engine has been shut down (crushing hazard). The loader is not intended to be left to keep a load elevated for longer periods. Always lower the attachment to a safe position before leaving the drivers seat.



Never leave the equipment unattended while the engine is running. Follow safe stopping procedure.

Safe stopping of the attachment, before going near the attachment:

Always stop the attachment following safe stopping procedure before leaving the driver's seat. Safe stopping procedure prevents all unintentional movements of the attachment. Note that the loader boom can move down even if the engine of the loader is turned off. Safe stopping procedure:

- Lower the boom and the attachment on the ground.
- Shut down the loader engine and lock the parking brake.
- Release residual pressure from the hydraulic system; move all hydraulic control levers to their extreme positions a couple of times.
- Prevent starting of the machine, remove ignition key.

4. Technical specifications

Table 2 - Grain/flour dispenser bucket - Technical specifications

Product number	A35590
Working width	920 mm
Volume:	300 l
Weight:	90 kg
Maximum load:	300 kg
Recommended input of hydraulic flow:	30 l/min
Maximum input of hydraulic energy:	50 l/min, 22,5 MPa (225 bar)
Suitable Avant loaders:	See Table 1

4.1 Safety labels and main components of the attachment

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



The warning labels contain important safety information and they help to identify and remember the hazards related to the equipment. Replace damaged or missing warning labels with new ones.

4.2 Safety labels and main components of the attachment



A46771



A46772



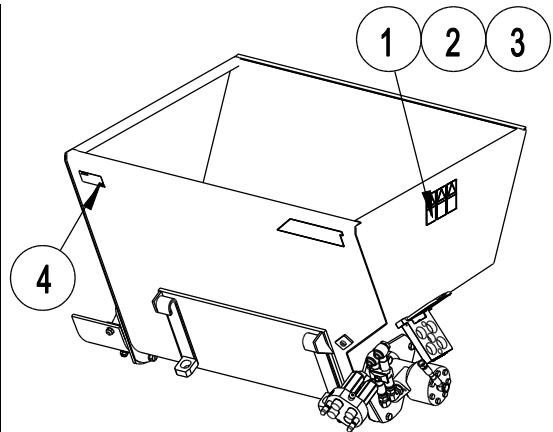
A46804

		Avant Tecno Oy Ylötie 1 FIN-33470 YLÖJÄRVI	
TYPE		No.	
	kg		
	l/min		
Max	l/min,	MPa (	bar)
2014	Made in EU www.avanttecno.com		

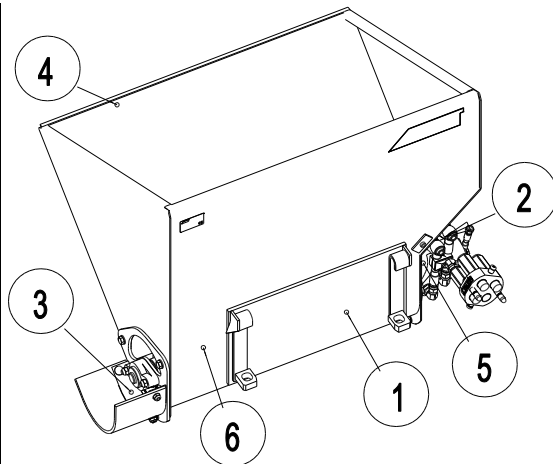
Attachment identification plate

Table 3 - Decal locations and warning messages

	Decal	Explanation
1	A46771	Read instructions before use..
2	A46772	Crushing hazard - Do not go under a raised attachment; stay away from raised equipment.
3	A46803	Entanglement hazard, keep clear of moving parts, do not leave the equipment running. Operate the attachment only from the driver's seat. Beware also of entanglement of clothes, jewellery or long hair.
4		Attachment identification plate


Table 4 - Main components of the Grain/flour dispenser bucket

1	Frame with quick attach brackets
2	Multiconnector and holder for multiconnector
3	Discharge chute
4	Bucket and bucket type edge
5	Hydraulic motor
6	Auger (inside bucket)



5. Attaching the attachment

Attaching the attachment to the loader is quick and easy, but it must be done carefully. The attachment is mounted to the loader boom by using the quick attach plate on the loader boom and the counterpart on the attachment.

If the attachment is not locked to the loader, it may detach from the loader and cause a hazardous situation. The loader must not be driven and the boom must never be lifted when the attachment has not been locked. To prevent hazardous situations, always follow the coupling procedure shown below. Also remember the safety instructions shown in Chapter 3. The attachment is mounted to the loader as follows:

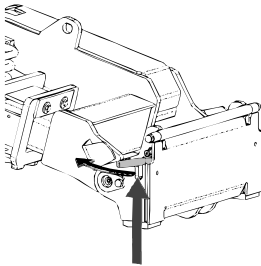


Make sure that an unlocked attachment will not move or fall over. Do not stay in the area between the attachment and the loader. Mount the attachment only on level surface.

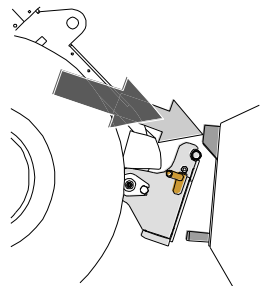
Never move or lift an attachment that has not been locked.

300-700 series & R series loaders:

Step 1:

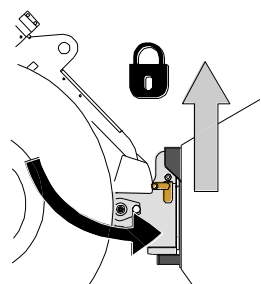


- Lift the quick attach plate locking pins up and turn them backwards into the slot so that they are locked in the upper position.
- If your loader is equipped with a hydraulic attachment locking system, see additional instructions about the use of the locking system from the relevant manuals.
- Ensure that the hydraulic hoses (and the electric harness, if applicable) are not in the way during installation.



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.
- Align the upper pins of the loader's quick coupling plate so that they are under the corresponding brackets of the attachment.

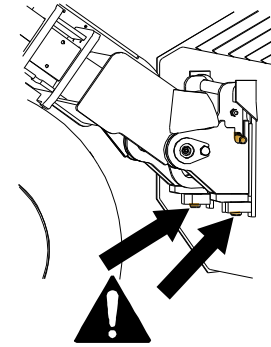


Step 3:

- 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.
- Lock the locking pins manually or lock the hydraulic locking.
- **Always check the locking of pins.**



An attachment that has not been completely locked to the loader may fall on the boom or towards the operator, or fall under the loader during driving, causing loss of control of the loader. Never move or lift an attachment that has not been locked. Before moving or lifting the attachment, make sure that the locking pins are in the lower position and come through the fasteners on the attachment on both sides.



Excessive tilting or lifting of an unlocked attachment increases the risk of tipping the attachment over. Do not use the automatic locking of the locking pins when the attachment is lifted more than one metre from the ground. If the locking pins do not return to the normal position when tilting, do not tilt or raise the attachment any more. Lower the attachment on the ground and secure the locking manually.

5.1 Connecting and disconnecting the hydraulic hoses

On 400-700 series loaders hydraulic hoses are connected using the multi connector system. If you have an Avant 300-700 series loader with the conventional quick couplers and wish to change to the multi connector system, contact your Avant dealer or service point for instructions or installation services.



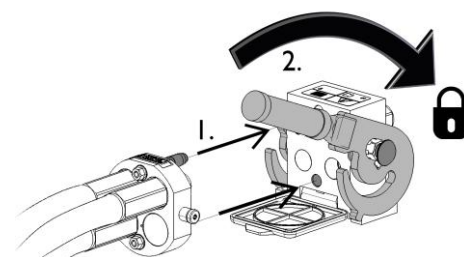
Never connect or disconnect quick couplings or other hydraulic components while the control lever of the auxiliary hydraulics control lever is locked on or if the system is pressurized. Connecting or disconnecting the hydraulic couplings while the system is pressurized may lead to unintended movements of the attachment, or ejection of high-pressure fluid, which can cause serious injuries or burns. Follow safe stopping procedure before disconnecting hydraulics.

NOTICE

Keep all fittings as clean as possible; use the protective caps on both the attachment and the loader. Dirt, ice, etc. may make using the fittings significantly more difficult. Never leave the hoses hanging on the ground; place the couplings onto the holder on the attachment.

Connecting the multi connector system:

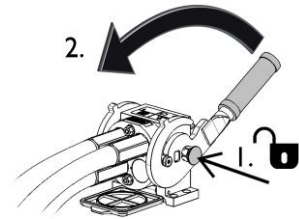
1. Align the pins of the attachment connector with corresponding holes of the loader connector. The multi connector will not connect if the attachment connector is upside down.
2. Connect and lock the multi connector by turning the lever towards the loader.



The lever should move easily all the way to its locking position. If the lever does not slide smoothly, check the alignment and position of the connector and clean the connectors. Also shut down the loader and release the residual hydraulic pressure.

To disconnect the multi connector system,

1. Switch off the auxiliary hydraulics of the loader.
2. While pushing unlock button, turn the lever to disconnect the connector.



Conventional quick couplings

(alternative couplings for some loader models):

Before connecting or disconnecting the standard quick couplings, the residual pressure must be released as shown below. The conventional quick couplings will not connect, if there is pressure in the hydraulic system.



NOTICE

Make sure that all three quick coupling fittings are properly connected, otherwise the hydraulic motor of the attachment may get damaged.

To connect and disconnect the standard couplings, move the collar at the end of the female fitting. The hoses should be connected so that the fitting equipped with a coloured cap is connected to the corresponding fitting of the loader. Note that the protective caps on the loader and the attachment can be fastened to each other during operation to reduce the accumulation of dirt. When disconnecting the standard quick couplings a small amount of oil may drip from the couplings. Wear protective gloves and have some cloth at hand to keep the equipment clean.

Disconnecting hydraulic hoses:

Before disconnecting the fittings, lower the attachment to safe position on solid and level surface. Turn the control lever of the auxiliary hydraulics to its neutral position.

NOTICE

When uncoupling the attachment, always disconnect the hydraulic couplings before unlocking the quick attach plate, to prevent hose damage and any oil spills. Reinstall the protective caps on the fittings to prevent impurities from entering the hydraulic system.

Releasing residual hydraulic pressure:

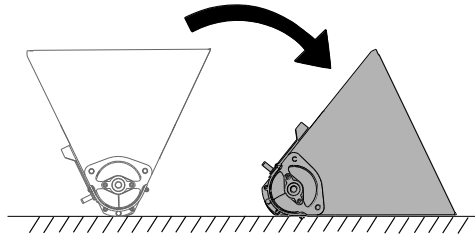
In case residual pressure is left in the hydraulic system of the attachment, it is often possible to disconnect the hydraulic couplings, but it may be difficult to connect them the next time. If the fittings will not connect, the residual pressure must be released by turning the auxiliary hydraulics control lever of the loader, when the engine is turned off. To make sure that there will not be residual pressure in the hydraulic system of the attachment, shut down the loader engine and move the auxiliary hydraulics control lever of the loader back and forth before disconnecting the couplings.

5.2 Storage

To ensure the stability of the bucket during storage, use it until it is empty or empty it on purpose before taking it off from the loader. The bucket should be stored so that its longest side is against the ground surface, as shown in figure below.



Unattached bucket may tip over; keep a safe distance. Ensure the stability by placing the attachment firmly on the ground to a stable position.



Do not leave the attachment to a position where water will stay in the attachment. Uncouple and store the attachment on level ground, but avoid leaving the attachment laying directly on against the ground. Place it on blocks of wood or on a pallet, for example. The best way to store the attachment is a place where it is protected from direct sunlight, rain, and extreme temperatures. Make sure that the attachment is secured against all movements during storage, and never climb on the attachment.



Make sure the attachment is secured against any movement during storage. If necessary, use, for example, blocks of wood under the supports to ensure adequate stability.

6. Using the bucket

Practise the use of the attachment and its controls in an open and safe area. If you are unfamiliar with the loader in use, it is recommended to practice its use without any attachments.



Always stop the attachment before leaving the driver's seat. Do not go near the attachment, if another person is operating the controls of the loader. Shut down the loader engine and release the residual pressure before reaching into the bucket or to the discharge opening. The attachment may start unexpectedly when removing a blockage, if the hydraulic system is pressurized.



Avoid overturning of the machine. Do not extend the telescopic boom, when the load approaches the lifting capacity of the loader, or when the loader boom is in horizontal position. If the load indicator of the loader (if fitted) signals, lower the load calmly and retract the telescopic boom. Avoid sudden changes in speed or direction whenever the load is lifted. Use additional counterweights as needed.



Avoid hazard of crushing by ensuring that the parking brake of the loader is engaged when working near the attachment. Use additional blocks if needed. Whenever possible, lower the attachment on the ground.



6.1 Checks before use

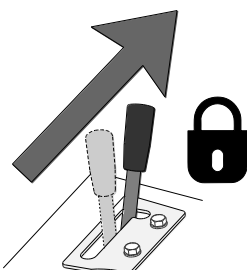
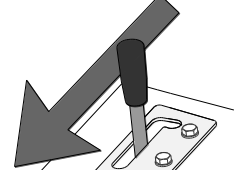
- Ensure that bystanders are at a safe distance when operating the equipment. Do not let anyone to enter danger area of the boom or to stay directly in front of the loader. Also make sure that it is safe to reverse with the loader. Never assume that bystanders will remain where you last saw them; especially children are often attracted to the moving equipment.
- Check the general condition of the attachment and the loader, and check for possible hydraulic oil leaks. The attachment must not be used, if there is a fault in the hydraulic system of the loader or the attachment. Refer to Chapter 7 for maintenance instructions.
- Operate the attachment and the controls of the loader only when seated on the driver's seat. Ensure that the loader and the attachment are used in a safe manner and as intended. Do not allow children to operate the equipment.
- Never operate the loader or attachments while under the influence of alcohol, drugs, medication that may impair judgement or cause drowsiness, or if not otherwise medically fit to operate the equipment.
- Remember correct working methods and avoid leaving the driver's seat unnecessarily.
- Drive carefully on uneven terrain and note the effect of heavy load at the front of the loader to the stability and handling of the loader.
- Check that the attachment is intact and that the rotating parts can rotate freely, and that there is no string or other foreign material coiled around the rotating parts.

6.2 Operating the bucket

The bucket can be filled from a pile like a normal bucket. Especially when using a bucket with a long base, the correct working method should be observed for the best performance of the equipment. Filling the large bucket by pushing towards 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.

NOTICE

Do not rotate the feeding auger while loading the bucket.

	Normal running direction ▪ Operate the dispensing bucket with moderate engine rpm and with one-pump setting of the auxiliary hydraulics. ▪ Depending on the operating conditions, loader model and driving speed the rotating speed of the dispensing bucket can be increased as needed.
	Reverse rotation, not recommended

NOTICE

Operate the attachment keeping the hydraulic flow within recommended range. Never exceed maximum allowed input of hydraulic energy.

7. Maintenance and Service

The attachment has been designed to be as maintenance free as possible. Continuous maintenance includes regular cleaning and lubrication, and monitoring the condition of the attachment. Because of the crushing hazard caused by lowering machine parts, all maintenance work must be done when moving parts have been lowered down completely and the attachment is lowered flat against the ground.



Make sure the attachment is properly supported during all maintenance work. Never go under a lifted attachment. The loader boom may lower unexpectedly during maintenance causing serious injuries even when the loader engine is not running. All maintenance and service must be performed when the attachment has been lowered down to a safe position.

NOTICE

Regularly clean the loader oil cooler core; refer to the operator's manual of the loader for more instructions. Overheating oil decreases the power and affects the service life of the hydraulic components of both the attachment and the loader.

7.1 Checking hydraulic components

Check the condition of the hydraulic hoses and components when the engine has been turned off and the pressure has been relieved. Do not use the equipment, if you have discovered a leak in the hydraulic system of the attachment or the loader. Leaking hydraulic fluid may penetrate skin and cause serious injuries. Seek medical attention immediately in case hydraulic fluid penetrates the skin. Wash any part of body that has been in contact with hydraulic oil carefully with water and soap. Hydraulic fluid is also harmful to the environment and any leak to the environment must be prevented. Repair all leaks immediately after detecting them; a small leak can quickly grow into a big one. Operate the attachment only with type of hydraulic oil that is accepted for use in Avant loaders.



Never handle hydraulic components when the hydraulic system is pressurised, since a fitting may break or become loose and the released oil may cause serious injuries. Do not use the equipment, if you have discovered a fault in the hydraulic system.



Check hoses visually for cracks or abrasions. If there are signs of leaks, to check a component, hold up a piece of cardboard in the area where a leak is suspected. Do not use hands to search for leaks. Monitor the wearing of the hoses and stop the use, if the surface layer of any hose has worn off. Check the routing of the hoses; adjust the hose clamps to avoid abrasion to the hoses. The hoses have limited service life. Depending on operating conditions all hoses must be inspected thoroughly no later than after 3 to 5 years of use, and if required, they must be replaced with new ones.

Finding any fault means that the hydraulic hose or component must be replaced and the equipment must not be used until it is repaired. Spare parts are available from your nearest AVANT retailer or authorised service point. Leave the repair work to professional service technicians, if you don't have adequate knowledge and experience about hydraulic assemblies and how to perform the repairing safely.

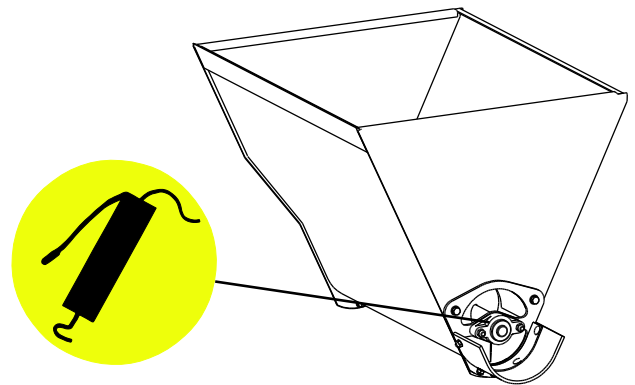
7.2 Inspections, maintenance and service

It is recommended to empty the bucket completely right after using it. Do not let water to stay in the bucket and prevent water from staying in bucket by placing a suitable block of wood under the bucket, for example. You may use a pressure washer and mild detergent to clean the bucket. Do not use strong solvents or spray directly at the labels on the attachment. Before longer storage periods touch up the paint where needed to prevent rust damage. Do not store the bucket directly against the ground; place it on blocks of wood or on a pallet, for example. Do not leave the attachment to a position where water will stay in the attachment.

Also the metal structures of the bucket must be inspected regularly. Check the bucket visually for damages and inspect the quick attach brackets and their surrounding area carefully. The bucket must not be used if it is deformed, cracked, or torn. Welding repairs are only allowed to be carried out by professional welders. When welding, only methods and additives suited for steel used in bucket must be used. For more information about repairs contact your nearest service point.

7.3 Lubrication

There is a lubricating point at the bearing of the free end of the dispensing screw shaft, to which a small amount of lubricant is added every 5-10 hours of use



NOTICE

Bearing must be lubricated approximately after every 5 to 10 operating hours. Clean the end of the nipple before greasing. Only add the grease amount of a couple of grease press pushes at a time.

8. Warranty terms

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

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 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.

EY-vaatimustenmukaisuusvakuutus
 EG-försäkran om överensstämmelse
 EU samsvarserklæring
 EF-overensstemmelseserklæring
 EC Declaration of Conformity
 EG-Konformitätserklärung
 Déclaration de conformité CE



Valmistaja / Tillverkare / Produsent / Producent / Manufacturer / Hersteller AVANT TECNO OY
 Fabricant:

Osoite / Adress / Adresse / Address / Adresse:

Ylötie 1
 33470 YLÖJÄRVI, FINLAND

Vakuutamme täten, että alla mainitut tuotteet täyttävät konedirektiivin turvallisuus- ja terveysvaatimukset (direktiivi 2006/42/EY muutoksineen). Seuraavia yhdenmukaistettuja standardeja on sovellettu /

Vi försäkrar härmed att nedan beskrivna produkter överensstämmer med hälso- och säkerhetskrav i EG-maskindirektiv (EG-direktiv 2006/42/EG som ändrat). Följande harmoniserade standarder har tillämpats /

Vi erklærer herved at produktet som er oppgitt under er i samsvar med forskriftene i Maskindirektivet (direktiv 2006/42/EC med endringer). Følgende harmoniserte standarder har blitt anvendt /

Vi erklærer herved, at nedenstående produkter er i overensstemmelse med bestemmelserne i maskindirektivet (direktiv 2006/42/EF indeholdende ændringer). Følgende harmoniserede standarder er anvendt /

We hereby declare that the products listed below are in conformity with the provisions of the Machinery Directive (directive 2006/42/EC as amended). The following harmonized standards have been applied /

Wir erklären hiermit, dass die nachstehend aufgeführte Maschine konform ist mit den Bestimmungen der EG-Maschinenrichtlinie (EG-Richtlinie 2006/42/EG mit Änderungen). Die folgende harmonisierte Normen wurden angewandt:

Nous déclarons par la présente que les produits mentionnés ci-dessous sont conformes aux exigences en matière de sécurité et de santé de la directive relative aux machines (directive 2006/42/CE, avec ses modifications) Les normes harmonisées suivantes ont été appliquées

SFS-EN ISO 12100, SFS-EN ISO 4413

Mallit / Modeller / Modeller / Modeller / Models / Modellen:

Avant	
Hydraulitoiminen kauha; Avant-kuormaajan työlaite	A1194 A36559
Hydraulisk skopa; arbetsredskap för Avant lastare	
Hydraulisk skuff; redskap for Avant minilastere	
Hydraulisk skovl; redskab til Avant Minilæssere	
Hydraulic bucket; attachment for Avant loaders	
Hydraulische Schaufel; Anbaugerät für Avant Radlader	
Godet à commande hydraulique destinée à être utilisée avec les chargeuses Avant	



31.8.2015 Ylöjärvi, Finland

Risto Käkelä,

Toimitusjohtaja / Verkställande direktör / Administrerende direktør /
 Managing Director / Geschäftsführer / Directeur général



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