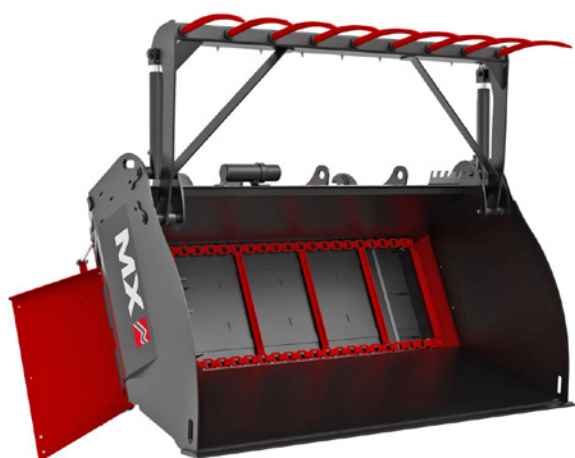




RAISE YOUR EXPECTATIONS



SILAGE FEEDING BUCKET

GDT 2320

GDT 2523

GDT 2725

User Manual

Read carefully before use

Dear user,

Thank you for placing your trust in us. We hope the MX implement meets with your satisfaction.

Take a few minutes to read this manual to obtain the best results from your MX implement, prolong its service life and use it safely.

This MX implement user manual is an important document; keep it for future reference as required. Make it available to any other users and pass it on to any new owner should you sell your MX implement.

The illustrations and technical data shown in this document may not correspond exactly with your MX implement, however, the operating conditions will remain unchanged.

You can access the original manuals in English on the www.m-x.eu website:
Select the English version of the site, then 'Documentation/User Manuals'.

MX is a trademark of M-extend France SAS, SIREN 639 200 260, RCS Rennes, 19 Rue de Rennes, BP 83 221 - 35 690 Acigné, France.

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The user must read and understand this manual before first use.



- ***Any use that is not intended by the manufacturer is considered improper use and therefore constitutes misuse. The manufacturer cannot be held liable for any resulting damage.***
- ***The safety information given in this manual does not replace safety codes, insurance requirements, local, state, or federal laws.***

1. Safety rules

- Before handing over to the operator, the installer must check that there is no possibility of interference occurring between the implement which has been fitted and other components of the machine (tyres, mudguards, etc.), as a result of the maximum travel of the implement installed, when the boom of the machine positions the implement closest in to the prime mover. In the event of the aggregation of positional conditions of the implement and the arms leading to interference, the installer is to notify the operator and provide him with instructions on how to prevent such interference. In general it is sufficient to operate with the boom extended by at least 0.5 m.
- Fit the tractor with a counterweight at the back to balance the extra weight at the front.
- Never stand or pass under the load.
- Keep people away from the working area of the implement.
- Take extra care when anyone passes close to protruding components.
- Any work on the implement must be carried out by the operator, who should leave their seat and prevent any other operations being carried out while doing so.
- Refer to the loader or handler user manual for hitching and unhitching the implement.
- Clean the implement after each use. Lubricate every 10 hours and after each wash.
- PPE (Personal Protective Equipment) must be worn (please refer to the "PPE table").
- Seat belts must be worn by the driver and passengers.
- The operator must check that the loader is correctly hitched and that the implement is correctly locked in place before use (test by pressing hard to the ground).
- Only control the loader from the cab. Keep under control until movements stop.
- The loader controls must be locked in place when driving on public roads (see the controls user manual).
- When approaching a junction, release the controls then raise the loader to at least 2 m above the ground to avoid endangering other road users. After passing the junction, return the loader or handler to its initial position and lock the controls in place again.
- Do not mask the tractor's side lights and indicators when driving on public roads.
- Do not leave the cab without stopping all control movements (control lever locked).
- Never leave the tractor or telescopic handler with the implement raised. After using the implement, park the tractor or telescopic handler with the implement on the ground.
- All persons must be kept away from the area in which the loader is moving while it is in operation. When lifting operations require the presence of a person near to the load, the MX loader must be fitted with a safety device (see the "SAFETY WHILE LIFTING AND DUMPING" chapter for your loader). The same applies to a telescopic handler.
- The operator should ensure that the loader-tractor unit and the implement-loader unit are compatible before use. They should refer to the current MX price list from their dealer.
- Before using with a handler, the operator should check the recommendation of the handler implement unit.
- The operator must use an implement designed and recommended by the manufacturer for the work to be carried out.
- Never lift the implement if it is obstructed or under stress.
- The maximum permissible working speed is 5 km/h.
- **Carrying or lifting persons using a loader or handler is prohibited.**
- Restrict all movements with the load lifted. The tractor or handler may tip over.
- The maximum front axle loading, as specified by the tractor or handler manufacturer, must not be exceeded.
- In order to limit stresses on the front axle and steering ram, and to limit tyre wear, move forwards or backwards when

steering.

- The maximum load on the front tyres, specified by the tyre manufacturer, must not be exceeded.
- Check tyre pressure regularly.
- Check periodically to ensure that safety pins and bolts are in place. Do not replace with any other object such as nails, wires, etc.
- The tractor or handler should at the very least be fitted with a roll-over protective structure (ROPS), which should be in the active position when using the loader.
- When using an implement with an MX loader, the tractor must be fitted with a structure to protect against falling objects. If this is not the case, limit the use of the MX loader (see the "LOADER USE LIMITS" section). Caution: the protective fitting must be in active position while working.
- When using an implement with a telescopic handler, the tractor must be fitted with a protective structure against falling objects.
- Watch out for overhead electricity and telephone lines, guttering, framework, etc. when moving with the loader or handler in its raised position.
- In compliance with standard EN 12525 + A2 2010, the controls for operating the loader and implements must be of the "sustained action" type, except for the floating position for lifting and/or dumping, which can be held in place by a notching system. The same applies to using a telescopic handler.
- Any fault diagnostics and/or removal of parts must be carried out by a professional who should start by ensuring that any work is carried out safely with minimal risk to themselves and their environment, especially in the case of work on a lifted loader.
- For all operations on the machine, the risks of crushing or pinching must be managed, especially with moving parts.
- For all work at height on the machine, use stable and secured means. Stop the tractor engine if the loader is hitched to the tractor. In the case of a telescopic handler, stop the engine.
- Keep the tractor-loader unit clean to avoid the risk of fire. Ensure that airborne particles (straw, grass, wood shavings, etc.) do not accumulate in areas which reach high temperatures. Inspect and clean areas where various materials can build up, especially around the engine and the exhaust area. The same applies to using a telescopic handler.
- Ensure that the tractor or implement loader is securely stopped after use.
- Before activating the decompression function, ensure that the implement is not loaded and, depending on the model, that its accessories (grab, rotor, etc.) are not active.
- Any work carried out on the implement must be done with the implement unloaded and, depending on the model, with its accessories (grab, rotor, etc.) at rest.
- When handling bales (silage feeding buckets with grab), check that the bale is correctly held before lifting the implement.
- The machine should be operated empty several times before using professionally for the first time.
- Special symbols on the machine point out the shearing and crushing zones. Do not work in these areas while the machine and vehicle are in motion.
- Switch off the engine, remove the ignition key and wait until all moving parts have come to a complete stop before getting out of the tractor or handler, or before working on the machine. Some moving parts have inertia when stopped (up to 5 min). It is therefore essential to wait until all parts have come to a complete stop before leaving the vehicle.
- The machine must only be used by ONE person at a time.
- Never insert any item into the machine when that has moving parts. Always ensure that all moving parts are stopped and secured against unintended start-up before starting work.
- Under no circumstances may the machine be used to hold or prop up other equipment.

1.1 PPE Table (Personal Protective Equipment)

Symbolic	Meaning	Example of risk
	Hand protection equipment must be worn.	Cuts, trapped fingers when unlocking the implement on the loader.
	Ear protection must be worn.	Bucket shake with cab-less tractor.
	Eye protection must be worn.	Splattering during high-pressure cleaning.
	Helmet must be worn.	Impacts to the head with the loader during maintenance on the tractor.
	Body protection equipment must be worn.	Splattering during high-pressure cleaning.
	Foot protection must be worn.	Crushing when setting up the parking stands.

1.2 Loader usage limits on a tractor without a cab or without a rollcage with 4 uprights

1.2.1 Warning

If the tractor is not fitted with a structure protecting against falling loads (cab or roll cage with 4 uprights), the driver is exposed to constant risk when handling loads.

NB: only implements recommended by the MX loader manufacturer may be used.

1.2.2 Safety precautions

For safe work, the following safety precautions must be observed:

- Use the implement designed for the work to be carried out.
- Adjust the indicator rod according to the implement used.
- Ensure the stability and hold of the load in the implement.
- The implement's maximum load level must not exceed the lowest wall for bulk loads and not exceed the backplate's height for unit loads (see Fig. 1).
- Move the tractor-loader unit carefully.
- Travel with the load at ground level and at moderate speed.
- During a lifting operation and when moving, keep your eyes on the load from when the implement's pivot point (A) passes the horizontal of the loader's pivot point (B) (see Fig. 2). If necessary, correct the implement's position so that the load is never directed towards the driver (see Fig. 3).

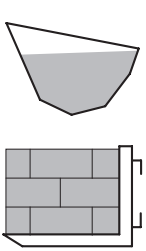


Fig. 1

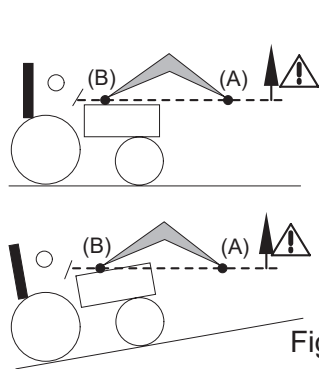


Fig. 2

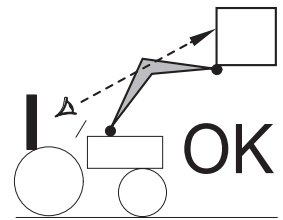
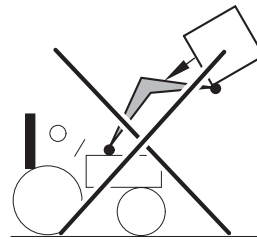


Fig. 3

! DANGER: If the load is not properly secured, there is a risk of the load falling when the implement pivot point (A) exceeds the horizontal of the loader pivot point (B) (see Fig. 2).

DANGER: It is prohibited to crowd the loader when the implement pivot point (A) exceeds the horizontal of the loader pivot point (B) (see Fig. 2).

1.3 Non-compliance with the safety and usage rules

- MX products are designed to be used at the maximum hydraulic pressure indicated by the manufacturer for the tractor's specifications. Use of excess pressure will result in additional strain and will therefore invalidate the MX equipment warranty.
- Never make any changes to the hose connections.
- Breaking lead seals will void any liability on the part of MX for all its equipment.
- Any assembly of the MX loader which ignores the recommendations of the MX price list in force at the purchase date cancels the MX guarantee for the whole supply.
- Any modification to any item supplied by MX (implements, loader, frame, etc.), or installation or use of an implement or component not recommended by MX on the MX loader, will render the MX guarantee on all supplied items null and void.
- Use only genuine MX spare parts. Do not carry out any modifications yourself or have anyone else do so on your MX loader and its implements (mechanical, electrical, hydraulic or pneumatic specifications) without seeking prior approval in writing from MX. Failure to comply with these rules may make your MX loader hazardous. In the event of damage or injury, MX shall not be held responsible in any way.
- Warranty cover will cease immediately in the event of failure to observe the standards and instructions for use and maintenance of the MX loader as stipulated in the user manual. MX shall not be held responsible for accidents that might result from actions contrary to these restrictions.

1.4 Safety warning pictogram

This safety pictogram is used throughout the manual to draw attention to the risk of material damage, injury or death. When this symbol appears, read the warning message carefully. It is essential that you are familiar with the instructions and safety regulations before mounting or using the loader.

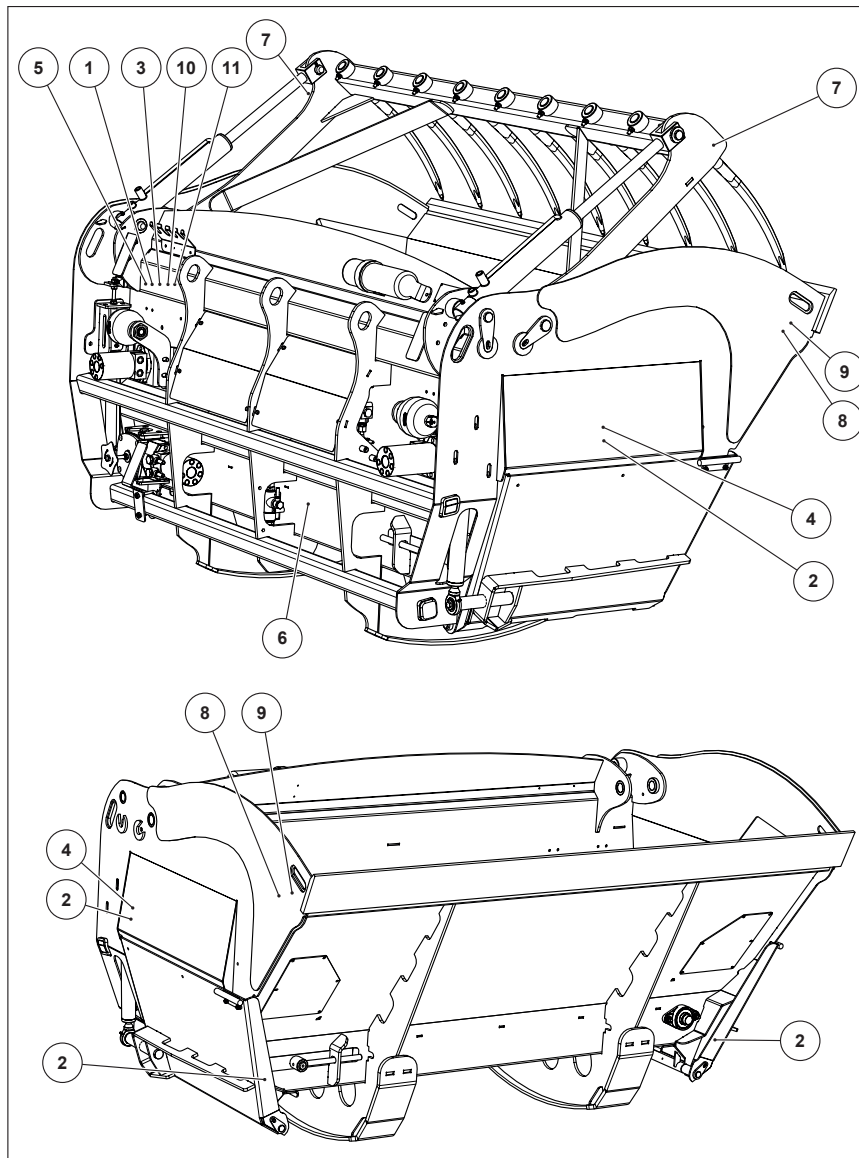
Symbol	Term	Description
	DANGER	Indicates an imminently hazardous situation which, if not avoided, could result in death or serious injury.
	WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION	Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury.
	IMPORTANT	Indicates a situation that could result in damage to equipment or property if instructions are not followed correctly.
	NOTE	Provides useful information.

2. Rules of use

- Each implement has been designed for a specific use and has its own resistance limits.
- Not for land clearing or stump pulling. This work must be done with specialized machinery and is not appropriate for the agricultural loader.
- Use the tractor's driving power to penetrate into the material to be moved rather than speed, which subjects the loader and tractor to high stresses.
- Do not force the hydraulic components if the load to be moved is too big. The same applies when the rams are fully extended. Release the spool valve control levers.
- Always work with a centred load.
- Belt silage buckets (GDT) are designed exclusively for professional use, in accordance with general agricultural best practices.
- Belt silage buckets are designed and adapted to be hitched to the implement carrier of a loader or telescopic handler in order to load and distribute silage (depending on options available).
- Belt silage buckets may only be used, maintained and repaired by users who are properly familiar with the machine and who have been informed of the possible risks.
- Intended use requires strict compliance with the instructions in the operating manual as well as the operating, maintenance and repair rules set out by the manufacturer.

3. Safety stickers

Safety stickers are affixed to implements. Ensure that these stickers are clean and legible; replace them if they become damaged.
When changing a sticker, clean the surface used for the sticker with isopropyl alcohol and affix the sticker using a special tool.

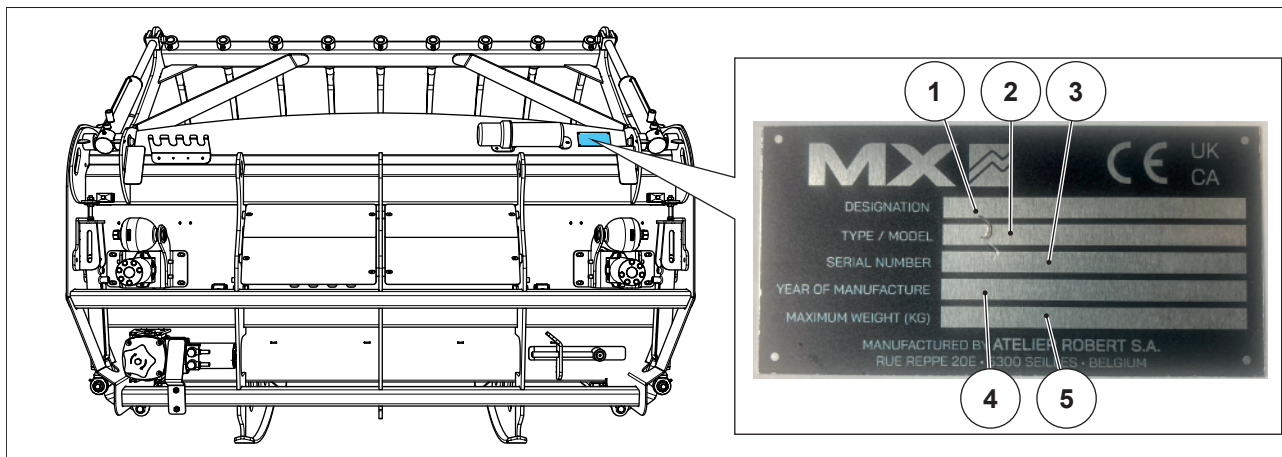


⚠ DANGER: Failure to follow these rules may result in serious injury or death.

Symbols	Meaning
	(1) Wait for all moving parts to come to a complete stop before working on the equipment.
	(2) Never work in the area where there is a risk of crushing as long as parts are liable to move.
	(3) Stop the engine and remove the ignition key before performing any maintenance operations.
	(4) Never open when the machine is running.
	(5) Read the safety rules and operating instructions in the user manual before using the product.
	(6) Stay clear of the attachment zone. Risk of crushing between machine and carrier vehicle.

Symbols	Meaning
	(7) Keep clear of the machine during movement. Risk of crushing between a moving part and a fixed part.
	(8) Danger in the work area. Keep clear of the machine.
	(9) Never enter the machine body when the machine's engine is running.
	(10) Risk of contact with tyres. Do not dump the implement to its fullest extent while lowering the telescopic arm.
	(11) Risk of contact with loader dumping rams. Do not fully crowd the implement with the silage system open.

4. Identification plate



(1) Description

(2) Type/model

(3) Serial number

(4) Year of manufacture

(5) Maximum weight

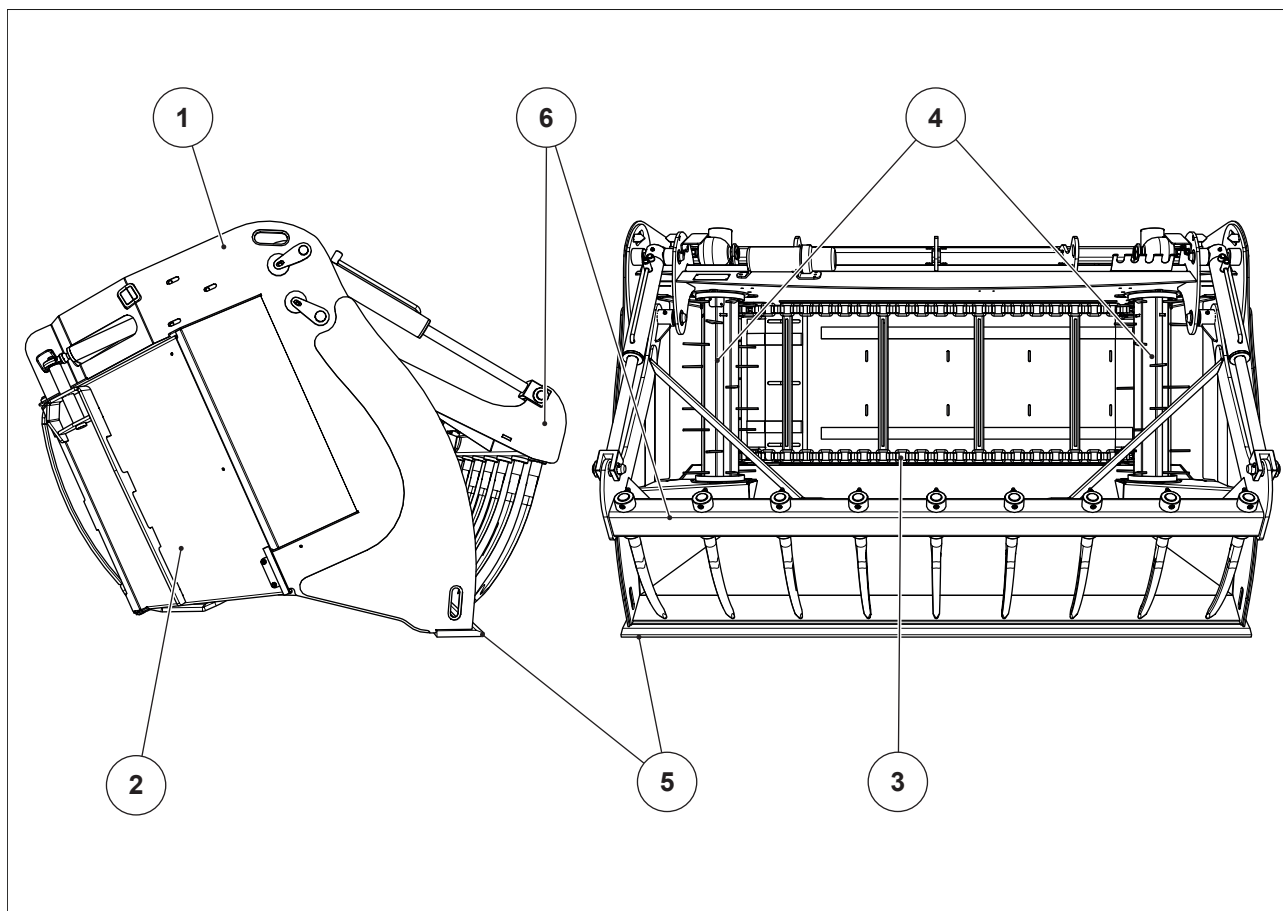
Ensure that these stickers are clean and legible. They should be replaced if they become damaged.

When changing a sticker, clean the surface used for the sticker with isopropyl alcohol and affix the sticker using a special tool.

The serial number consists of:

- **a number representing the machine range:** 7 for silage feeding buckets.
- a number indicating the production number of the machine.

5. Description



- (1) Body
- (2) Distribution door (number and side depending on option)
- (3) Belt
- (4) Separators (number and side depending on option)
- (5) Loading blade
- (6) Silage removal unit (depending on option)

6. Hitching/unhitching the implement

⚠ This operation must be carried out by the driver, who must leave the cab and ensure all manoeuvres are prohibited while working on the loader.

Belt conveyor silage feeding buckets are designed for front loaders and telescopic handlers. Refer to the relevant MX conveyor feeding bucket price list to identify buckets suitable for the loader or telescopic handler.

The conveyor feeding bucket is attached to the loader or telescopic handler using a bolted hitch with a minimum of 8 flanges (D20 mm).

- Always ensure that the implement carrier frame is compatible with the bucket.
- Refer to the instructions for hitching and unhitching the implement in your loader or telescopic handler user manual.
- Make sure that the hitch shoes are centred on the bucket when the shoes are assembled with the flanges.

Mechanically connect the bucket and the loader or telescopic handler:

- For mechanical locking, refer to the MX loader operator's manual or the telescopic handler hitching system documentation.
- Stop the loader or telescopic handler and reduce the pressure in the hydraulic circuit.
- Connect the bucket and the loader or telescopic handler hydraulically and electrically (depending on configuration).



NOTE: For unhitching, position the silage feeding bucket on a flat, clean and stable surface.

⚠ CAUTION: Never adapt or modify a hitch without prior approval from MX.

CAUTION: The multipurpose bucket must always be hitched or unhitched with the grab or rotor lowered.

Ensure that the implement is correctly locked in place before use. Check the following:

- The hoses are properly connected and there are no leaks.
- The implement is working correctly (crowding/dumping/hydraulic function).
- The implement is correctly lubricated.

⚠ CAUTION: Always check that the implement is locked in place by applying pressure with the front of the implement on the ground.



7. Operation

7.1 Commissioning

7.1.1 Electrical connection

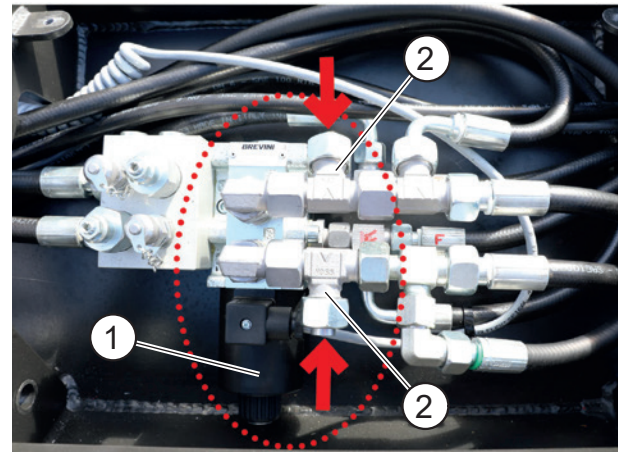
MX belt conveyor silage feeding buckets are fitted with a 4th function solenoid valve as standard (1), compatible with all machines, regardless of their configuration.

Loader or telescopic handler with a 3rd function only

- Connect the 4th function electrical plug to the loader or telescopic handler to supply the 4th function solenoid valve present on the silage feeding bucket.

Loader or telescopic handler with 3rd and 4th functions

- Connect the loader or telescopic handler 4th function hydraulic plug using the hoses + couplings kit supplied as standard.
- Connect the hose kit directly to the T-connection (2) at the 4th function bucket solenoid valve outlet.



4th function solenoid valve on implement and 4th function hyd loader/telescopic handler original T fitting.



Electrically fitted for 4th function on silage feeding bucket. Original fitting on loader or telescopic handler side not supplied.



4th function electrical availability on a telescopic handler - to be adapted by the customer.

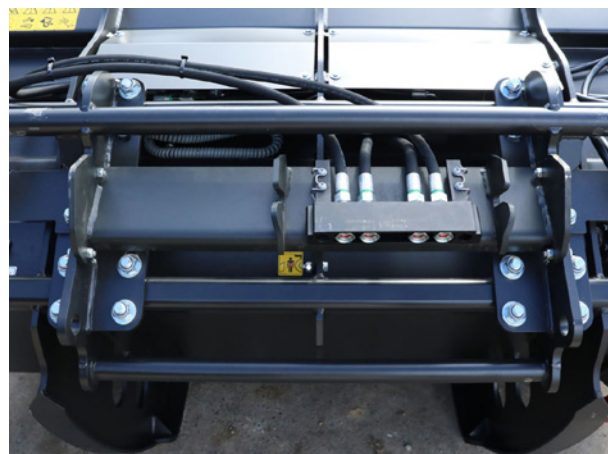
7.1.2 MACH 2 coupling

Option available for 3rd and 4th function



7.1.3 SPEED-LINK coupling

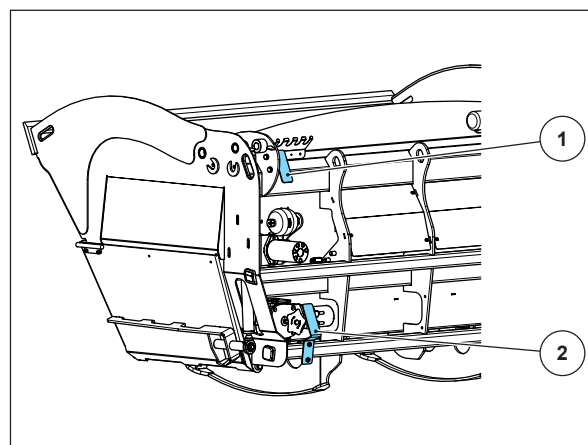
Option reserved for MX loaders with MX or Euro hitching



7.2 Filling the silage feeding bucket

Indexes (1) and (2) show the tilt angle of the silage feeding bucket from the driving position.

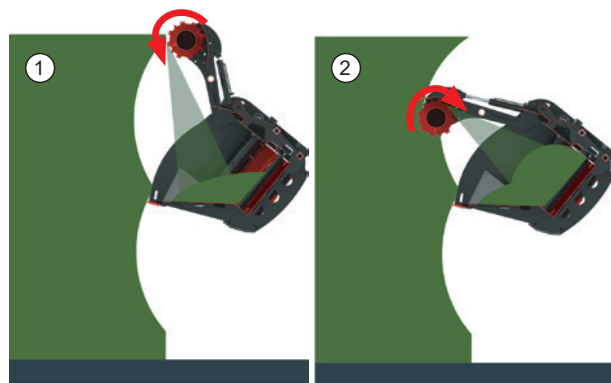
When filling, the indexes must be parallel to the ground to ensure that the implement is on a flat surface.



7.2.1 Silage rotor control

The silage unloading rotor (available on option) is controlled in 2 directions:

- Direction 1, downwards, upon lowering for fodder being directed to the bottom of the bucket. There is no spillage around the silo.
- Direction 2, upwards, during lowering for fodder being directed to the back plate of the bucket. This ensures optimal filling and prevents fodder from spraying onto the machine.

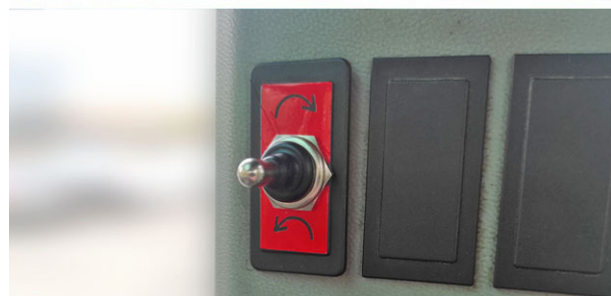
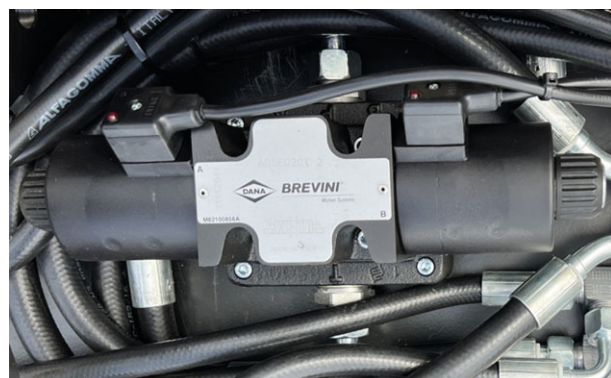


(1) Downward direction of rotation (top of silo).
(2) Upward direction of rotation (halfway)

The direction of rotation is controlled by a 2-coil solenoid valve. The 3-position button per selects the direction of rotation:

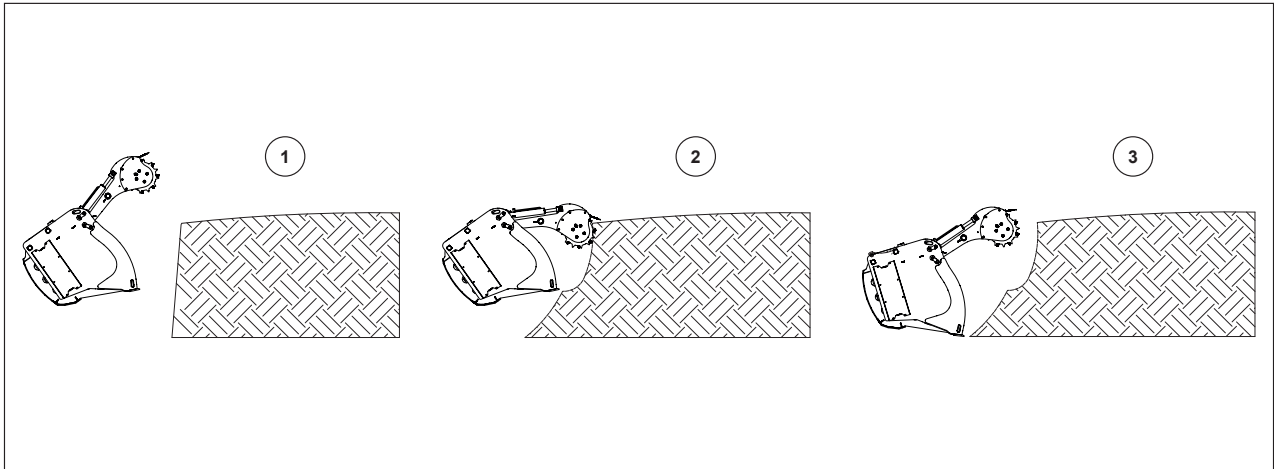
- position 0: no rotor rotation
- position 1: downward direction of rotation
- position 2: upward direction of rotation

NOTE : The power supply must be taken from the 12V system after the tractor ignition (capable of supplying 10A). The maximum value of the fuse to protect the harness is 10A.



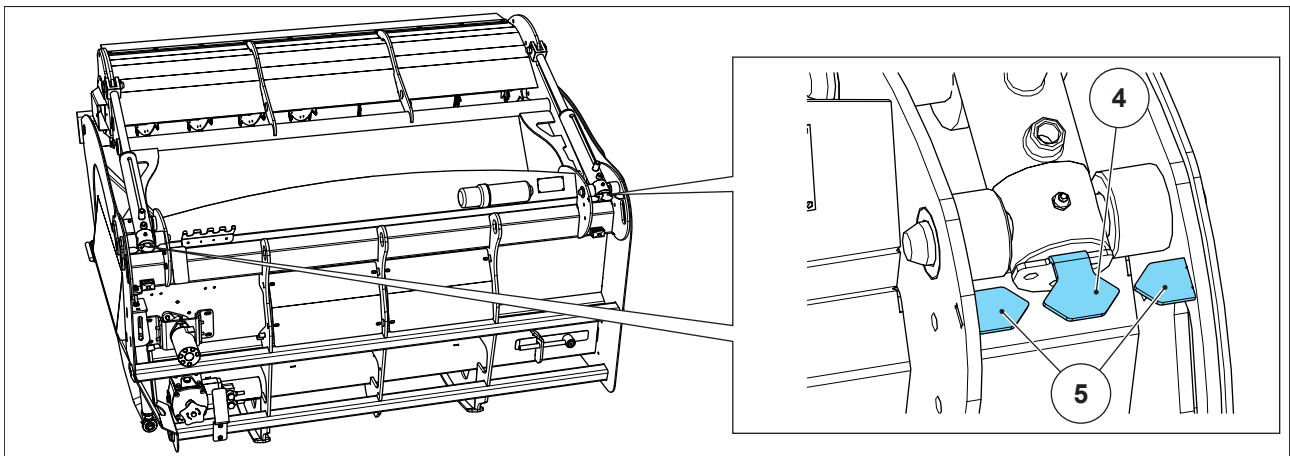
7.2.2 Filling with silage unloading rotor

1. Move the bucket (1) forward and tilt it so that the articulated rotor can trim the upper part of the silo and fill the bucket (2).
2. Collect any material on the ground by moving the bucket towards the silo, trim the lower part with the rotor (3) and crowd.
3. Repeat steps (1) through (3) as necessary.



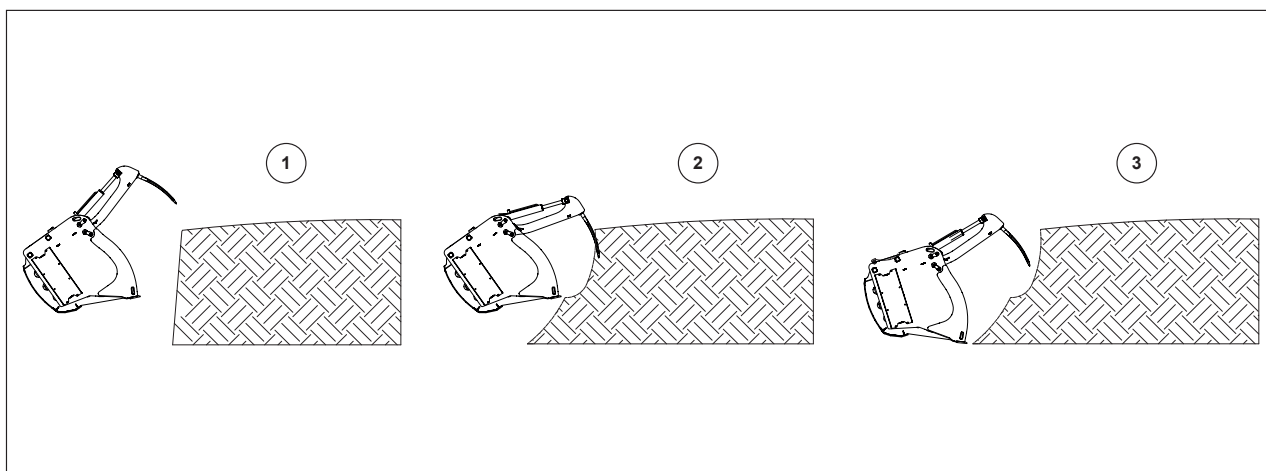
NOTE: Do not use the loader or telescopic handler crowding or dumping functions during the filling phase.

The indexes (4) and (5) indicate the position of the rotor. When the indexes are aligned, the rotor is in the closed position.



7.2.3 Grab filling

1. Move the bucket (1) forward and tilt it so that the action of the jaw can fill the bucket (2).
2. Collect any material on the ground by moving the bucket towards the silo, and trim the lower part by closing the grab (3) then crowding.
3. Repeat steps (1) through (3) as necessary.



NOTE: Do not use the loader or telescopic handler crowding or dumping functions during the filling phase.

7.3 Distribution

The length of the strands must not exceed 8 cm, otherwise the bucket will malfunction.

Start the distribution system (belt, separator, door) by following the steps below.

1. To dispense on the left-hand side, tilt the monolever to the left. To dispense on the right-hand side, tilt the monolever to the right. When using an MX loader, activate the 4th function by tilting the monolever to the left or right (refer to the loader user manual).
2. To stop distribution:
 - Left-hand side distribution: tilt the monolever to the right for 2-3 seconds.
 - Right-hand side distribution: tilt the monolever to the left for 2-3 seconds.
3. To change the distribution side:
 - Left-side to right-side distribution: move the monolever to the right until the right-side door opens.
 - Right-side to left-side distribution: move the monolever to the left until the left-hand side door opens.

15 cm offset rubber flap kit (supplied as standard - not fitted).

- The kit increases the offset even further to accommodate wide tyres.
- Rubber flap to prevent damage in the event of contact with headgates.



7.4 Machine jammed

If the machine jams, proceed as follows:

1. Reverse the belt rotation direction.
2. If the jam persists, stop the belt and the carrier. Wait until all moving parts have stopped.
3. Remove the jam manually using a suitable tool.

⚠ DANGER: In the event of a jam, the following steps should be followed to prevent serious injury or death.

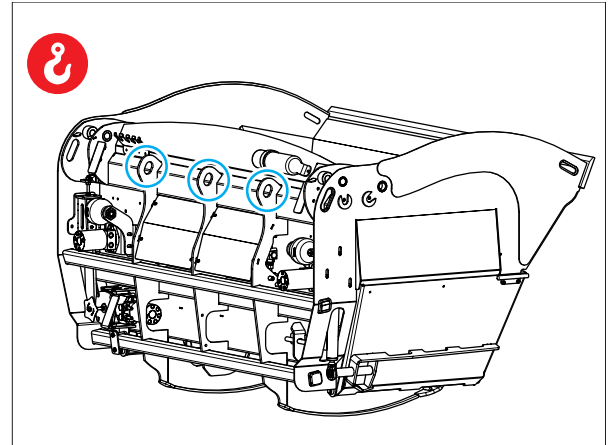
CAUTION: Users must always wear the correct personal protective equipment when removing a jam.

8. Handling

Belt silage buckets are fitted with attachment points for lifting phases. These are clearly marked with red stickers.

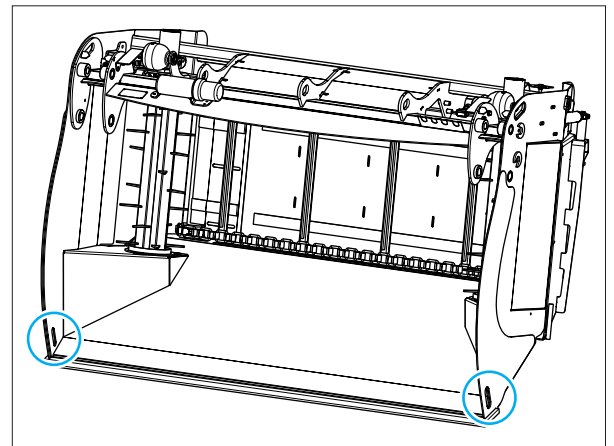
All handling must be done by means of lifting and wedging equipment and accessories appropriate to the load to be moved. For the approximate weight of the unit, refer to the Technical Specifications. The lifting points must be used simultaneously for safety reasons.

⚠ PLEASE NOTE: during handling, parts may be sharp. Handle parts with suitable personal protective equipment (gloves, goggles, safety shoes).



9. Transport

When transporting the machine on a trailer, make sure that the machine is adequately secured in place. The attachment points are shown opposite.



10. Maintenance

! Drain the tractor's hydraulic circuit regularly and change the filters in accordance with the manufacturer's recommendation.

Contaminated oil ceases to lubricate, causing wear on all the hydraulic components (pumps, control valves, rams). Even clear oil may be spent.

Maintenance operations must be performed by competent persons, authorised by the dealer. If not, these operations come under the sole responsibility of the person carrying out the work.

PPE (Personal Protective Equipment) must be worn during all maintenance operations (please refer to the "PPE table". See the "Safety Rules" chapter).

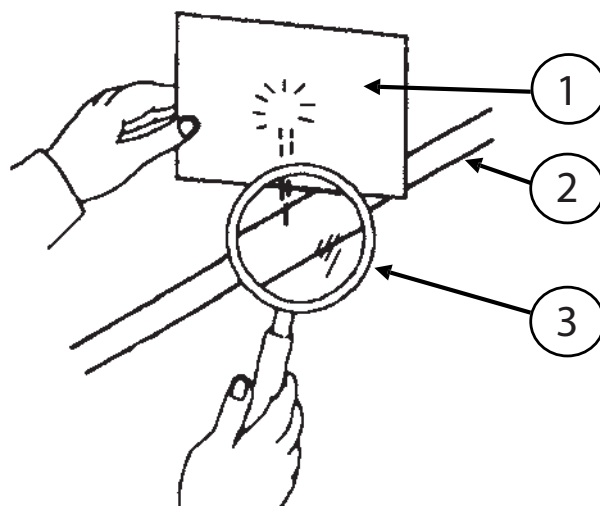
Switch off the tractor engine before carrying out any maintenance work on the loader and/or its implements.

For all implement/loader maintenance operations, never work on mechanical parts under stress or on a pressurised circuit, hydraulic part or electrical circuit that is switched on.

For tractor and loader maintenance operations, please refer to the operator's manual for the corresponding loader or tractor.

! CAUTION: Oil escaping under pressure can have sufficient force to penetrate the skin and cause serious injury. Before disconnecting the hoses, ensure that you have released all the pressure. Before pressurising the system, check that all connectors are tight and that the hoses and hydraulic circuit are not damaged.

CAUTION: Oil escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than your hands, to detect suspected leaks. If you are injured by a leak under pressure, seek immediate medical attention. An infection or serious reaction may develop if appropriate medical treatment is not immediately provided.



- (1) Cardboard.
- (2) Hydraulic circuit.
- (3) Magnifying glass.

Every month, or more often with heavy use, check:

- The condition of the loader and/or implement pivot points. As required, replace wear bushes and/or the pins.
- Wear bushes must be replaced if they are less than 1 mm thick.
- The level of the tractor's hydraulic oil and the sealing of the hydraulic circuit. If you find any internal or external leaks on hydraulic components (rams, pipes, connectors, Mach, couplings, etc.), contact your dealer.
- Hose condition: replace them if any cracks or oil seepages appear.
- Correct operation of the monolever (cables, play, locking, etc.).
- Electric cabling condition. Contact your dealer if any connectors or cables are damaged.
- Mechanical condition (any cracks, distortion, end stop matting, clearance, parking stands, etc.).

- Contact your dealer if there is any abnormal wear.
- Disposal: please contact your dealer or a material recycling company.
- Check bracket tightness after 10 and 50 hours work, then every 100 hours or when the tractor engine is drained. Contact your dealer, if there is any loosening.

IMPORTANT: All fasteners/screws needing to be retightened must be inspected, replaced if necessary, cleaned and reassembled using thread locking compound.

Tighten fasteners/screws in accordance with the tightening torque recommended in the table below.

(Do not use an air gun to screw or tighten screws/fasteners on the tractor.)

Check the tightness of the bracket after 10 and 50 hours' work, then every 100 hours or when the tractor's engine oil is changed (without bracket). If loose, please contact your dealer.

IMPORTANT: Before use, check that all screws/fasteners have the correct tightening torque.

Any screws that need to be retightened should be inspected, replaced if necessary, cleaned and reassembled using thread locking compound.

Tighten the screws at the tightening torque specified in the table below.

(Do not use an air gun to screw or tighten the screws/fasteners on the tractor.)

— Tightening torques (Nm)

Class of bolt	Dowel marking (ISO 898)	Thread											
		M 5	M 6	M 8	M 10	M 12	M 14	M 16	M 18	M 20	M 22	M 24	M 27
8.8	○	5.2	9	21.6	43	73	117	180	259	363	495	625	915
10.9	□	7.6	13.2	31.8	63	108	172	264	369	517	704*	890	1304
12.9	△	8.9	15.4	37.2	73	126	201	309	432	605	824	1041	1526

* Unless otherwise specified.

Tightening torque for cast iron and steel (Nm) $\pm 15\%$.

10.1 Maintenance

This maintenance guide presumes an average use of 3 buckets per day. For more intensive use, increase the maintenance frequency.

	DAILY	WEEKLY	MONTHLY	ANNUALLY
LEAK IN THE HYDRAULIC CIRCUIT	X			
CHECKING THE TIGHTNESS OF THE NUTS	X			
GREASING THE ARM RAM		X		
GREASING THE BELT		X		
GREASING THE SEPARATORS		X		
GREASING THE CUTTER		X		
GREASING THE DOOR RAM		X		
GREASING THE OPPOSITE DISTRIBUTION DOOR RAM		X		
BELT TENSIONING	ONCE A DAY FOR THE FIRST FEW WEEKS, THEN ONCE A WEEK			
BELT ROTATION (1/2 TURN)				X
CHECKING THE BELT ANGLE GEAR GREASE				X (EVERY 200 HOURS)
CHECKING THE CUTTER KNIVES				X
CHECKING THE GREASE LEVELS IN THE REDUCING GEARS			X	
FULL MACHINE CLEANING				X

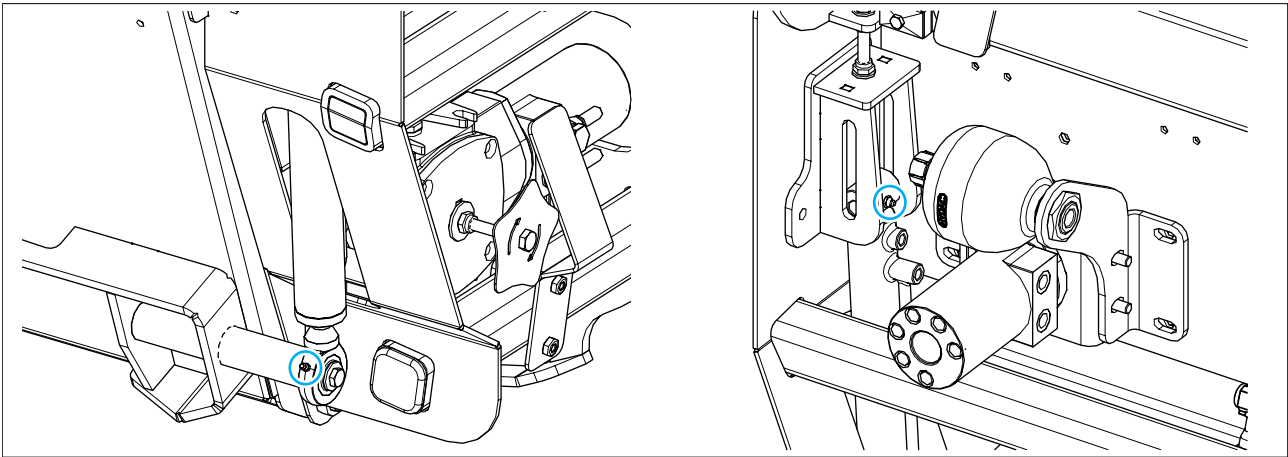
IMPORTANT: After any intervention, refit all the front guards and protective covers before starting the unit.

10.2 Lubricating points:

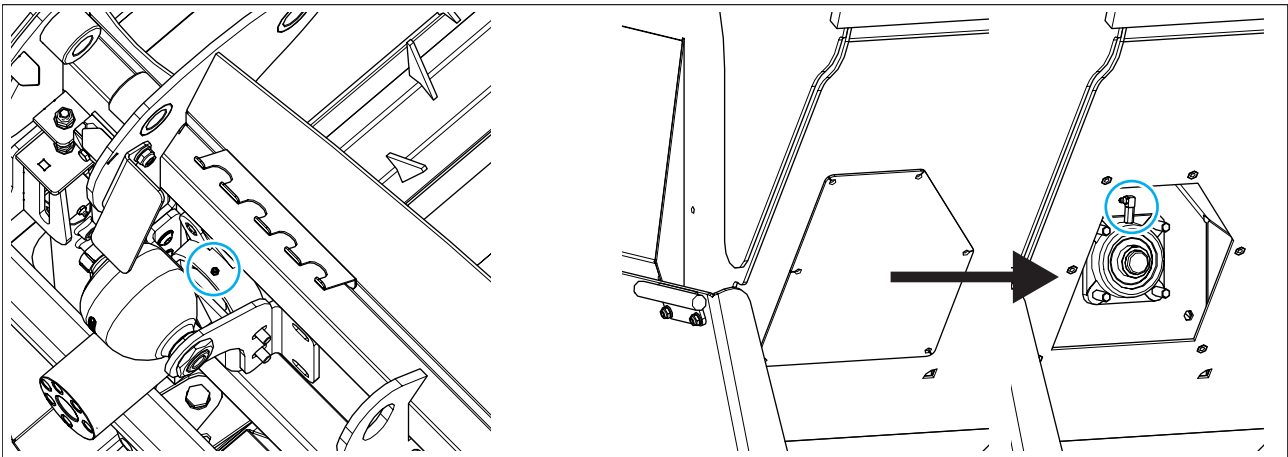
The machine is equipped with shafts, bearings, coupling balls and pivots, so there is a lubricating point on each moving part to be checked regularly. The lubricating points are marked on the diagram opposite.



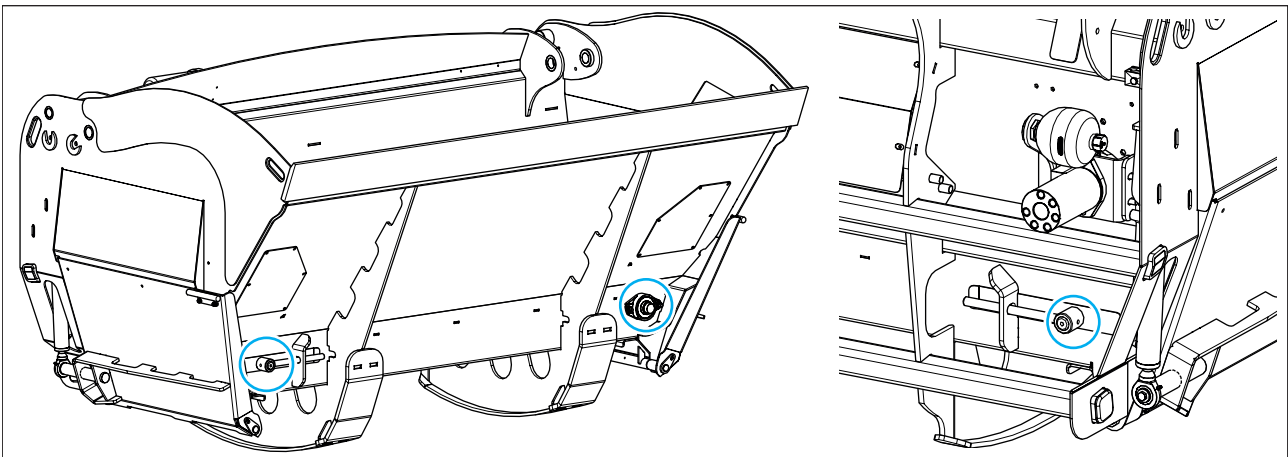
Door opening and closing ram (for each door)



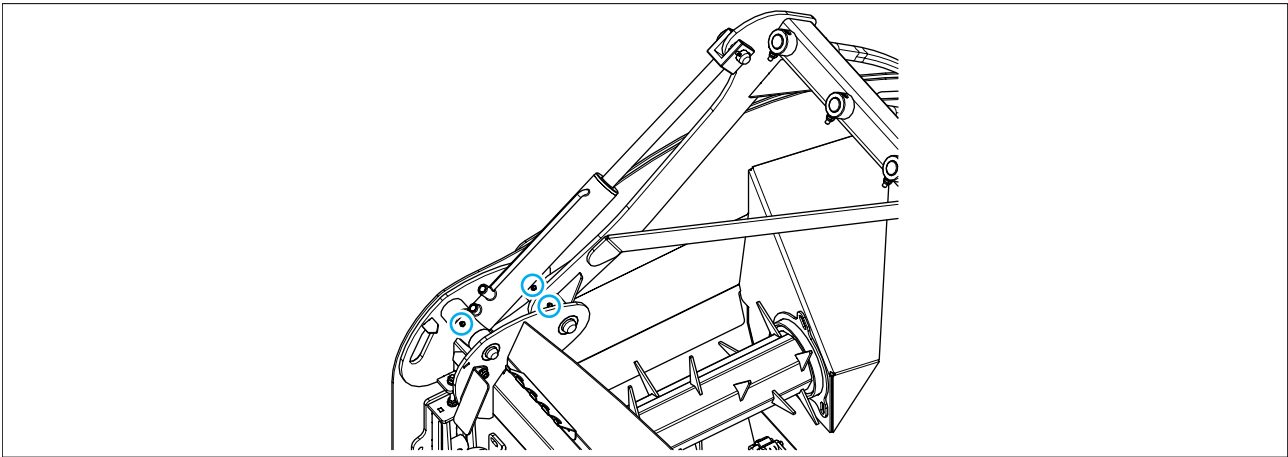
Separator (for each separator)



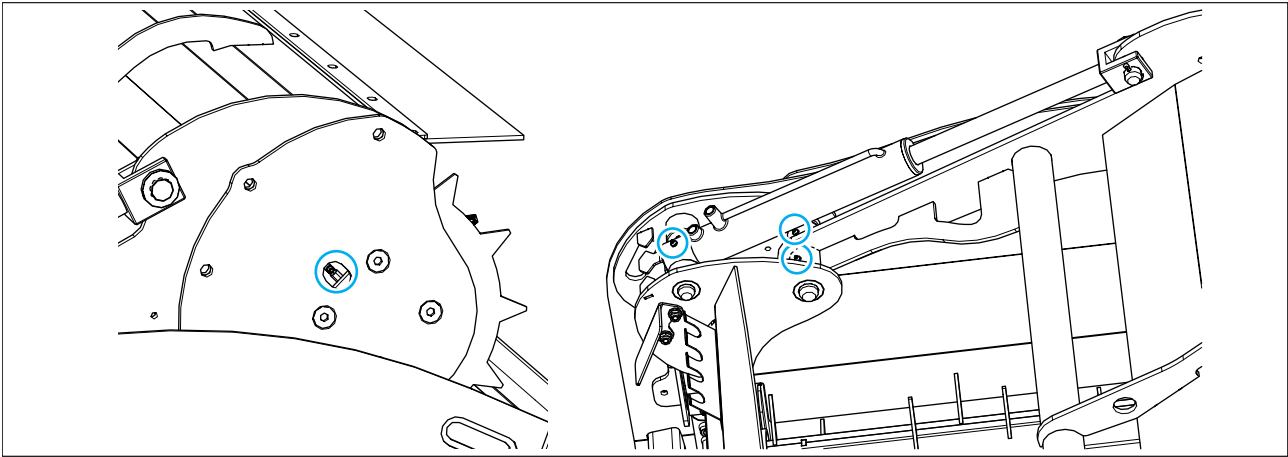
Belt



Grab (on each side)



Silage unloading rotor (on each side)

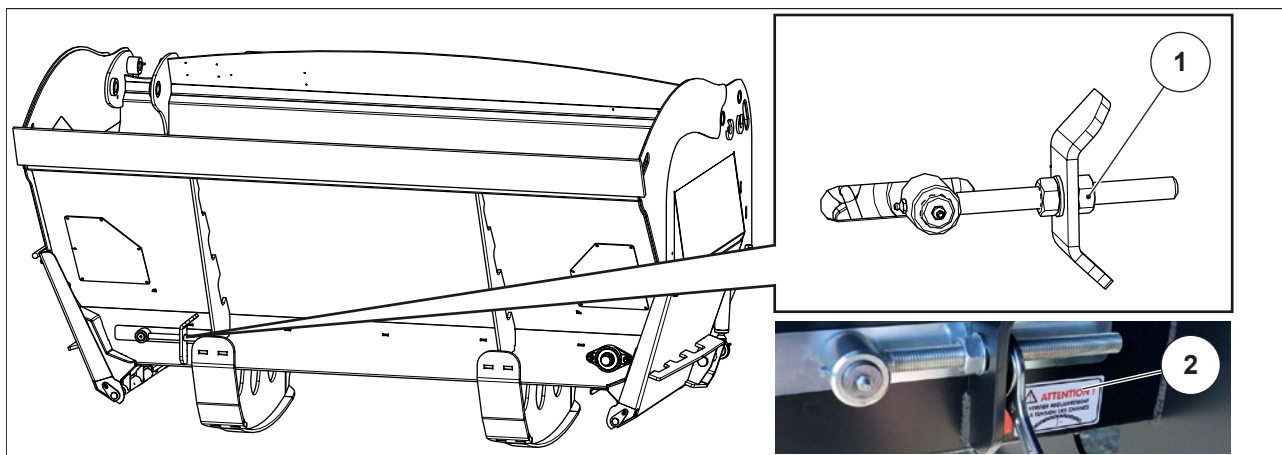


10.3 Belt chain tension

The belt chains will gradually loosen with use. The tension of the belt chains should therefore be adjusted regularly to keep it in good working order.

To do this, use the nuts/bolts (1) on each side of the belt.

There should be 3cm clearance at maximum raised position. See sticker (2).

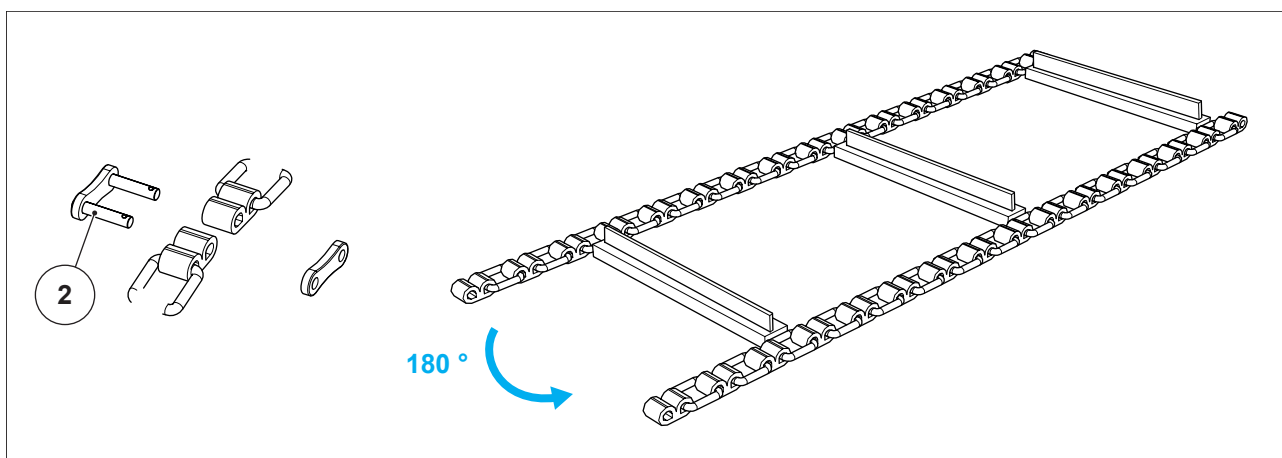


NOTE: When the adjustment lights have reached their maximum travel, remove one link from the belt.

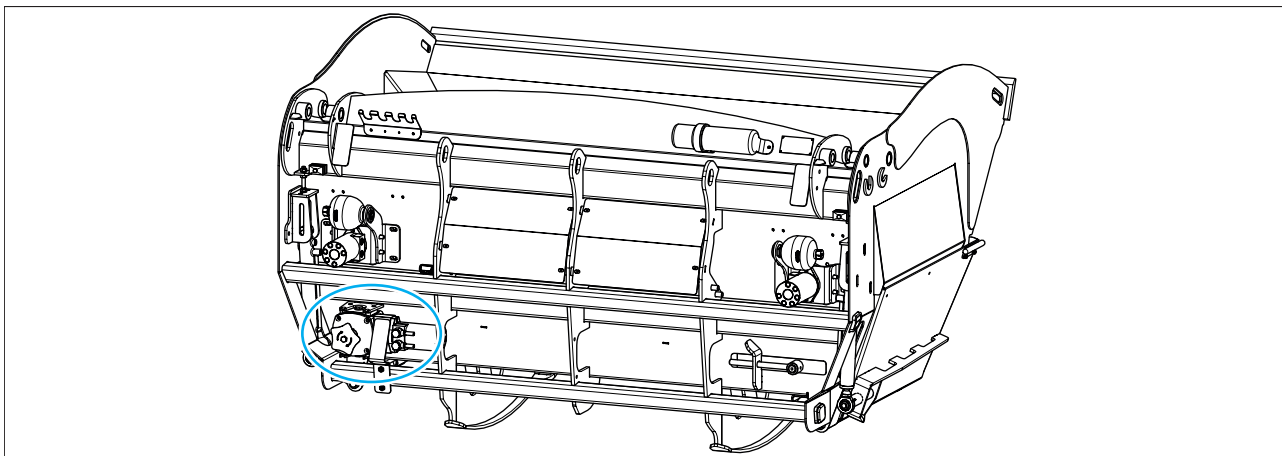
10.4 Belt rotation

The belt can be rotated 180° to compensate for the wear of the belt chains.

- Open a distribution door.
- Position the belt so that the locking links (2) are accessible. Slacken the belt (see § Belt chain tension). Remove the belt closing links.
- Remove the belt.
- Rotate the belt half a turn.
- Raise the belt, close it with the links (2) and tighten it.

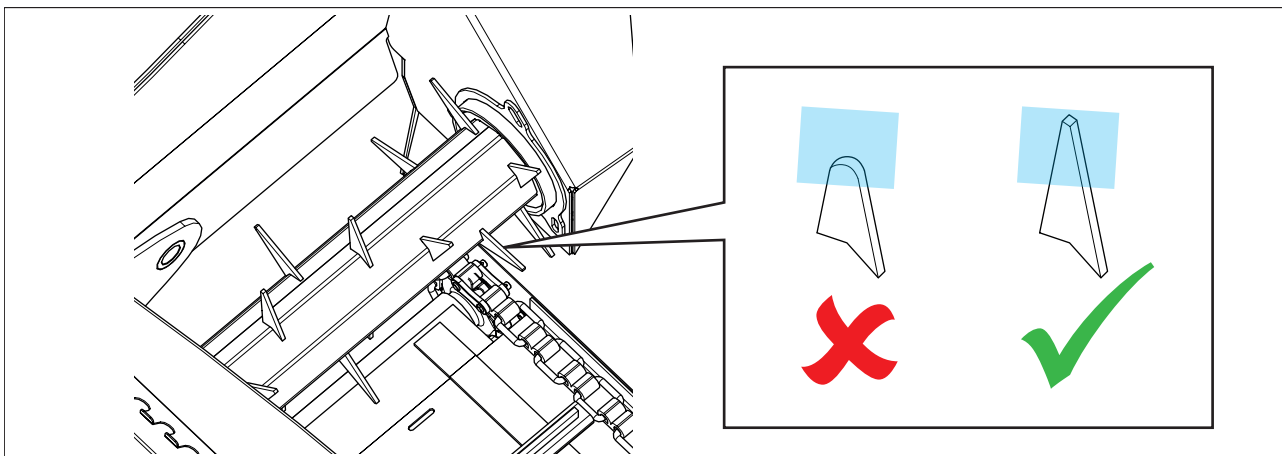


10.5 Belt angle gear oil level



10.6 Checking the separator knives

Visually check that the knife is in good condition, replace if necessary.



NOTE: A knife in good condition ensures better quality work.

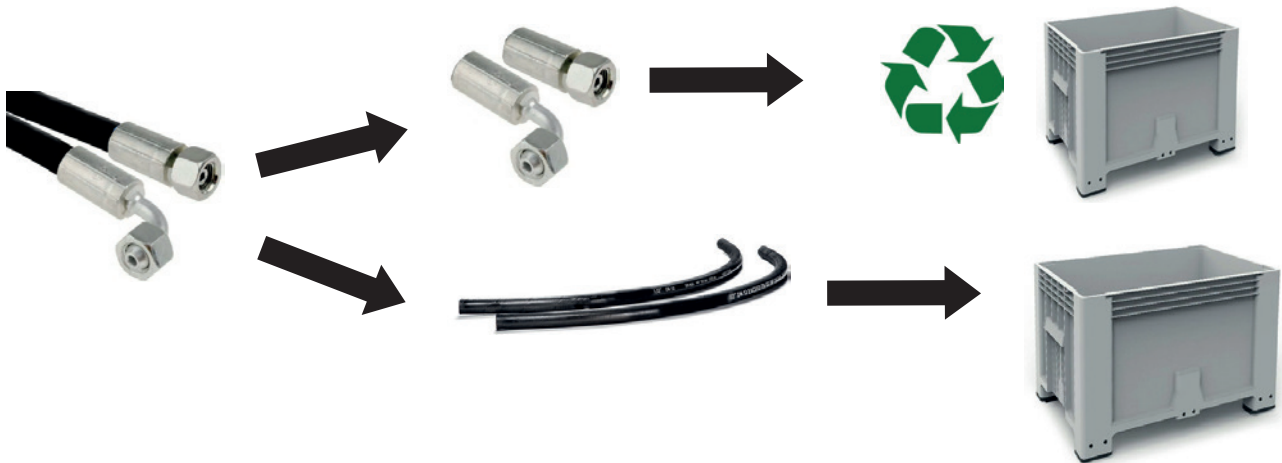
11. Recycling MX products

Hydraulic system

- At the end of their service life, MX products must be drained of hydraulic oil by an authorised service technician.
- The hydraulic hoses must be removed before the equipment can be recycled.
- All MX product owners must comply with these environmental precautions if they decide to dismantle end-of-life products themselves.

Disposal of hazardous waste (oils and hoses)

- Hydraulic oils must be stored in containers or drums provided for this purpose and sent to approved disposal facilities.
- Steel connectors can be separated from the rubber hydraulic hose.
- Steel end caps are recycled as scrap by authorised services.
- Rubber hoses should be placed in watertight containers and sent for processing by authorised services.



High-tech MX product components and electrical and electronic equipment:

- Waste electrical and electronic equipment (WEEE) present in MX products is removed and disposed of by authorised services for recovery.



Recycling of decontaminated MX products

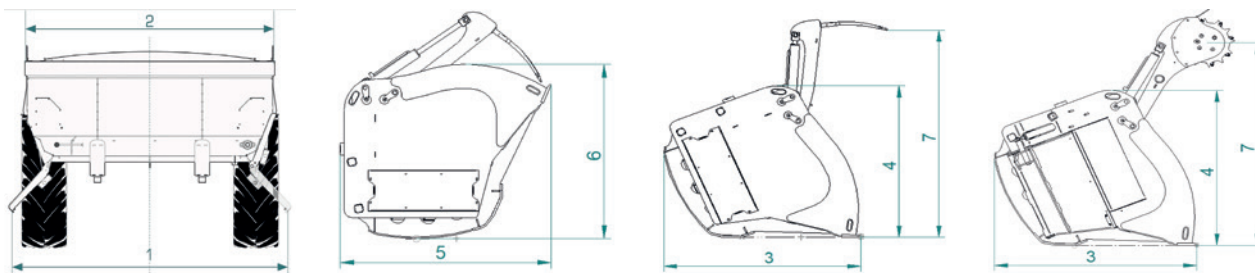
- Decontaminated MX products are sent to authorised services for iron and metal recycling.

12. Recommendation for loader or telescopic handler - implement unit

Recommendations	Grab models			Rotor models		
	GDT2320	GDT2523	GDT2725	GDT2320	GDT2523	GDT2725
Loader U510+ / U512+ / T410+ / T412 or equivalent (lifting capacity $\geq 2.2T$)	 	 		 	 	
Loader U514+/T412+/T417/T418 or equivalent (lifting capacity $\geq 2.4T$)	✓	✓	✗	✓	✓	✗
Telescopic handler with a lifting capacity of $\geq 3T$	✓	✓	✓	✓	✓	✓
Loader or telescopic handler hydraulic performance (at 3F output)	≥ 40 L/min ≥ 180 bar			≥ 40 L/min ≥ 180 bar		
Hyd/elec couplings required on tractor/loader or telescopic handler	3F and 4F or 3F + 4F electrical implement fitting			3F and 4F or 3F + 4F electrical implement fitting		

✓ : available. ✗ : not available.

13. Technical specifications



Grab models

Rotor models

GDT2320 GDT2523 GDT2725

GDT2320 GDT2523 GDT2725

Specifications	Grab models			Rotor models		
Dimensions						
Distribution width (1)	2.30 m*	2.50 m*	2.70 m*	2.30 m*	2.50 m*	2.70 m*
Bucket width (2)	2.00 m	2.20 m	2.40 m	2.00 m	2.20 m	2.40 m
Depth (3) / Height (4) in loading position	1547 mm / 1342 mm	1547 mm / 1342 mm	1547 mm / 1342 mm	1547 mm / 1342 mm	1547 mm / 1342 mm	1547 mm / 1342 mm
Depth (5) / Height (6) in distribution position	1539 mm / 1335 mm	1539 mm / 1335 mm	1539 mm / 1335 mm	1539 mm / 1335 mm	1539 mm / 1335 mm	1539 mm / 1335 mm
Opening height (7)	1936 mm	1936 mm	1936 mm	1952 mm	1952 mm	1952 mm
Capacity						
Piled volume single door/double door	2050 L / 2000 L	2350 L / 2300 L	2550 L / 2500 L	2050 L / 2000 L	2350 L / 2300 L	2550 L / 2500 L
Level volume single door/double door	1550 L / 1500 L	1750 L / 1700 L	1950 L / 1900 L	1550 L / 1500 L	1750 L / 1700 L	1950 L / 1900 L
Weight						
Empty weight (with Euro hitch) single door/double door	990 kg / 1109 kg	1056 kg / 1175 kg	1122 kg / 1240 kg	1139 kg / 1258 kg	1205 kg / 1324 kg	1266 kg / 1385 kg

NOTE: * with offset rubber flap kit (supplied as standard): 2.60m for the GDT2320 / 2.80m for the GDT2523 / 3.00m for the GDT2725

DECLARATION OF CONFORMITY



The manufacturer:

ATELIER ROBERT SA

Rue Reppe - 20E

B - 5300 SEILLES - ANDENNE

BELGIQUE

Hereby declares that the material :

Brand : MX

Silage feeding bucket GDT

serial number:

please write in the box above the serial number given on the
equipment's nameplate.

included in the list of serial numbers 7/2261 to 7/9999,

is in conformity with the Machinery Directive 2006/42/EC.

Seilles, 1st March 2024.

Sébastien ROBERT
Administrator



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