



MULTIMASS XS/BOX

USER MANUAL

Dear user,

Thank you for placing your trust in us. We hope you will be fully satisfied with your MULTIMASS XS or BOX.

Taking a few minutes to read this manual will ensure that you obtain the best performance from your MX weight, prolong its service life and use it safely.

Your MULTIMASS XS and BOX user manual is an important document. Keep it in a safe place, along with the assembly and hitching instructions supplied by your dealer, so you can easily consult them when necessary. These documents should be made available to any other users, and provided to any new owner if you sell your MULTIMASS XS.

The illustrations and technical data shown in this document may not correspond exactly to your MULTIMASS XS or BOX, although the conditions of use will, nevertheless, remain unchanged.



WARNING: The MULTIMASS XS should be handed over to the user by the dealer.

The demonstration of the equipment to be delivered should include:

- Safety rules for the use of the MULTIMASS XS or BOX.
- The principles for adjusting and configuring the MULTIMASS XS or BOX to suit the task at hand.



WARNING: If any of these requirements are omitted, please contact your dealer immediately.

The original French manuals are available [on the MX website](#).

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



CAUTION: The operator must read this manual before using the loader for the first time.



- 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, or local, state, or federal laws.

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1. Safety rules

- Use a 3-point hitch for road use (safety) and when using the towing clevis.
- Once the MULTIMASS XS or BOX is hitched, check that the linkage's coupling yokes are locked.
- After using the tractor, place the MULTIMASS XS or BOX on the ground.
- When unhitching the MULTIMASS XS or BOX, ensure that the ground is flat and solid.
- If using the MULTIBOX XS, ensure that the MULTIMASS XS and MULTIBOX XS unit is completely stable when unhitching.
- For the Cat 1N hitch, the internal distance between the coupling balls is 405 mm.
- For the Cat 1 hitch, the internal distance between the coupling balls is 683 mm.
- For the Cat 2 hitch, the internal distance between the coupling balls is 825 mm.
- Before using the MULTIMASS XS or BOX, check that there is no interference with the tractor.



CAUTION: Carry out a lifting test to check proper operation of the tractor/linkage/weight unit (tow bar, ladder hitch, pick-up hook, guard, tyres, etc.).

1.1. Safety warning pictogram

This safety pictogram is used throughout the manual to draw attention to the risk of material damage, injury or death. If this symbol is shown, read the warning message carefully. You must be familiar with the instructions and safety regulations before installing or using the equipment.

Pictogram	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.

1.2. PPE Table (Personal Protective Equipment)

Symbol	Meaning	Example of risk
	Protective gloves must be worn.	Cuts, trapped fingers, when unlocking the implement on the loader.
	Hearing protection must be worn.	Bucket shaking in a tractor without a cab.
	Eye protection must be worn.	Splashes during high-pressure cleaning.
	Safety helmets must be worn.	Impacts to the head from the loader during tractor maintenance.
	Protective clothing must be worn.	Splashes during high-pressure cleaning.
	Safety footwear must be worn.	Crushing when positioning parking stands.

1.3. Non-compliance with safety and use rules

- Any modification to an MX supplied part shall invalidate the MX warranty on all its equipment.
- Use only genuine MX spare parts. Do not modify your MX equipment yourself, or have it modified by anyone else, without requesting prior written authorisation from MX. Failure to comply with these rules may render your MX equipment dangerous. In the event of damage or injury, MX may not be held liable 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 equipment, as stipulated in the user manual. MX shall not be held liable for any accident that might result from actions contrary to these restrictions.

2. Rules of use

- Tool carriers (1):
- Ensure that the tools (chainsaws, straps, pickaxes, etc.) are properly secured, to avoid any losses when moving.

Note: 4 holes Ø53 mm, not available on BOX.



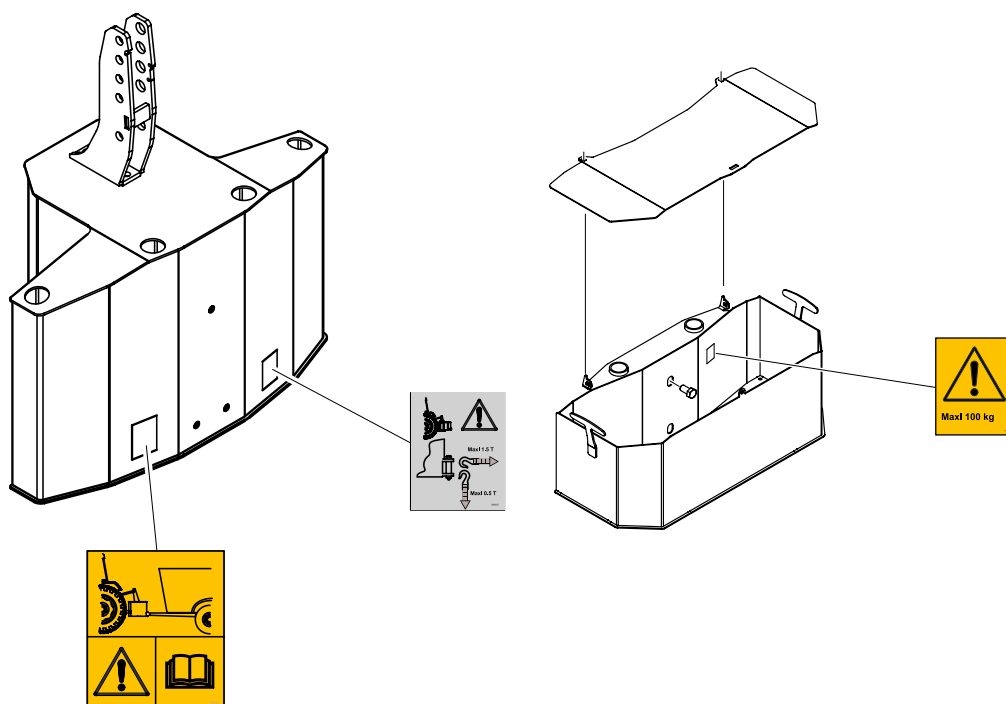
Towing clevis (2):

- The maximum horizontal pulling force under load is 1.5 tonnes and the maximum vertical is 0.5 tonne.
- The towing clevis is intended for towing wheeled equipment only.
- The towing clevis is not approved for use on public roads.
- The towing clevis is not compatible with a MULTIBOX XS fitted to a MULTIMASS 250 XS.



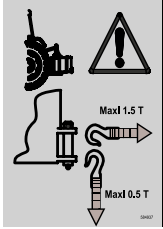
3. Safety stickers

Safety stickers are affixed to weights. Ensure that these stickers are clean and legible; replace them if they become damaged. If a sticker needs replacing, clean the surface with isopropyl alcohol and affix the new sticker using an appropriate tool.



Symbol

Meaning



Maximum horizontal pulling force is 1.5 tonnes. Maximum vertical pulling force is 0.5 tonne.



Read the operator's manual before using the towing clevis. When using the towing clevis, make sure it is hitched at 3 points. Do not use the towing clevis on public roads.



Do not load the MULTIBOX XS with more than 100 kg

4. Description

4.1. MULTIMASS XS

Weight	Model
	MULTIMASS 250 XS
	MULTIMASS 400 XS
	MULTIMASS 600 XS

4.2. BOX

Fill Box	Model
	BOX 100L
	BOX 150L

4.3. MULTIMASS XS/BOX options

Option	Model
	MULTIBOX XS
	Chainsaw carrier

5. MULTIMASS XS/BOX hitching categories



DANGER:

The MULTIMASS XS/BOX can use different types of hitch:

Hitch category	CAT 1N	CAT 1 and 2	Automatic	Triangle CAT 1N
MULTIMASS 250 XS	X	X	X	X
MULTIMASS 400 XS	X	X	X	X
MULTIMASS 600 XS		X	X	
BOX 100L	X	X	X	X
BOX 150L		X	X	

6. Category 1N hitch



DANGER: Refer to the [MULTIMASS XS/BOX hitching categories](#) section to check whether your MULTIMASS XS/BOX is compatible with this type of hitch.

IMPORTANT: The CAT 1N hitch is not available for the MULTIMASS 600 XS and the BOX 150L.

- Install the coupling balls.
- Adjust the height in accordance with the linkage.



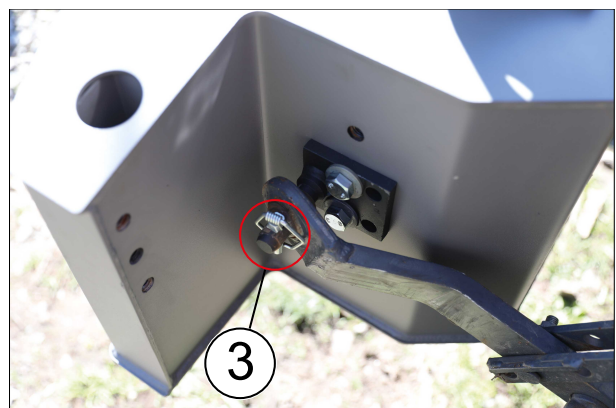
Note: The height can be adjusted to suit position (1) or (2).



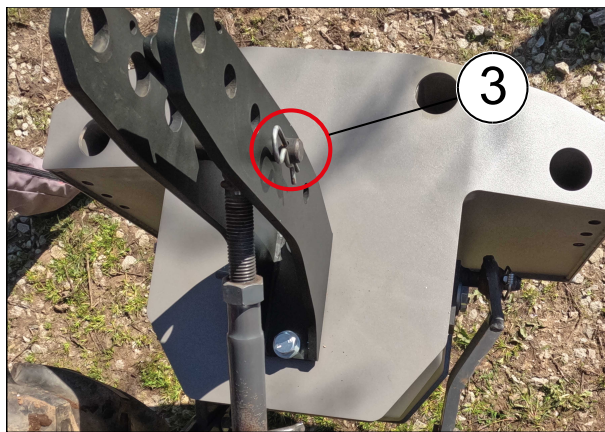
- Secure each coupling ball with a pin (3).



CAUTION: check that the pin (3) is correctly positioned.



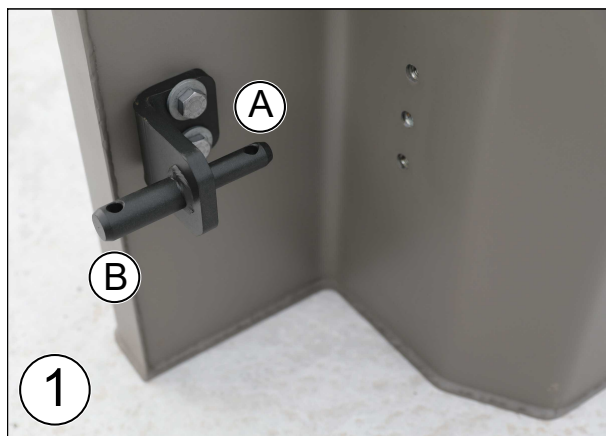
— Attach and adjust the third hitch bar.



7. Category 1 and 2 hitching

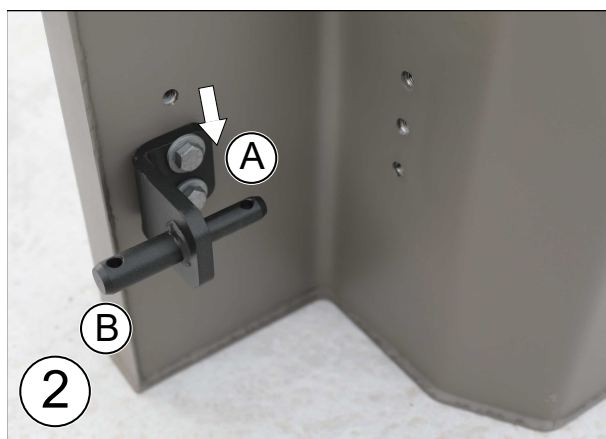
 **DANGER:** Refer to the [MULTIMASS XS/BOX hitching categories](#) section to check whether your MULTIMASS XS/BOX is compatible with this type of hitch.

- Fit the coupling balls to suit the type of hitch.
- Adjust the height in accordance with the linkage.



(A) CAT 1/(B) CAT 2

Note: The height can be adjusted to suit position (1) or (2)



- Attach and adjust the third hitch bar.

 **CAUTION:** check that the pin (3) is correctly positioned.

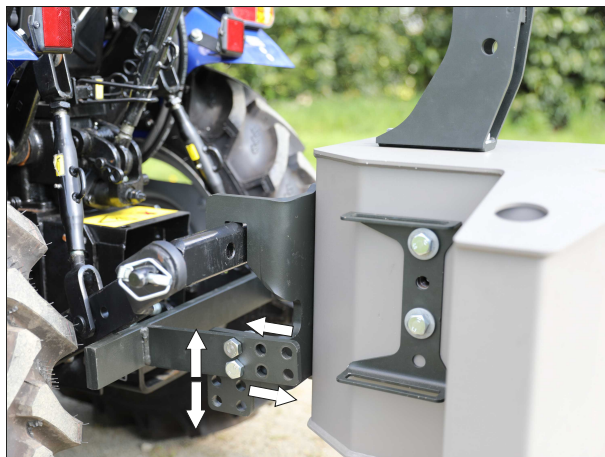


8. Automatic hitching

⚠ DANGER: Refer to the [MULTIMASS XS/BOX hitching categories](#) section to check whether your MULTIMASS XS/BOX is compatible with this type of hitch.

⚠ DANGER: Do not use automatic hitching while driving on public roads.

— Adjust the automatic hitching to suit your linkage.



— Position the bar against the stop.

Note: Check the effective locking of the bar with the pins.

Note: Bar dimensions: length 450-660 mm excluding pins and maximum thickness 35 mm.



— Carry out a lifting test to check linkage/weight stability.



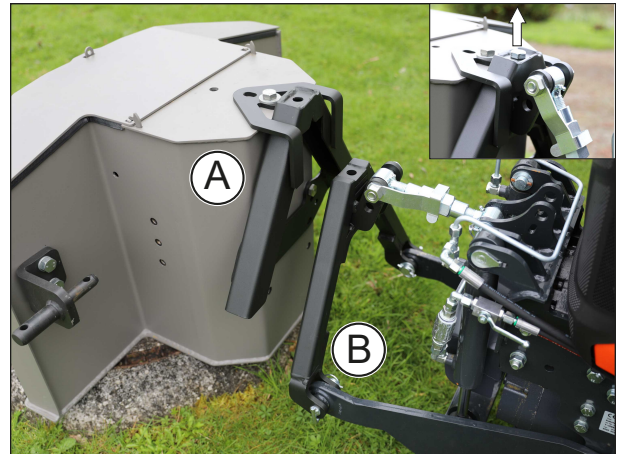
9. Hitching triangle



DANGER: Refer to the [MULTIMASS XS/BOX hitching categories](#) section to check whether your MULTIMASS XS/BOX is compatible with this type of hitch.

IMPORTANT: The CAT 1N hitch is not available for the MULTIMASS 600 XS and the BOX 150L.

- Attach the female triangle A to the MULTIMASS XS or the BOX.
- Attach the male triangle B to the linkage.
- Remove the screw from the male triangle.



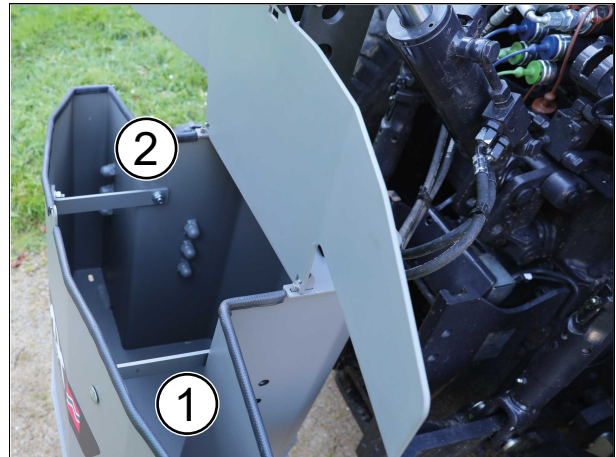
- Fit the male triangle reference B into the female triangle reference A.
- Tighten the screw in the triangles to lock the unit.
- Adjust the 3rd link bar if necessary.



10. Filling the BOX

The BOX can be used as a weight:

- Install the reinforcement plates (1) and (2).
- Check that all the BOX fasteners are tightened properly.



- Fill the BOX with concrete, up to a minimum of 5 cm from the top edge.

Note: Metal items or stones can be added to increase the mass. Vibrating the BOX is recommended, to ensure an even distribution of the concrete and other elements.

Note: Do not fill the BOX completely, in order to retain some storage space if required.



11. MULTIBOX XS



CAUTION: The MULTIBOX XS is not compatible with the BOX.

The MULTIBOX XS is a storage box that can be fitted to the front of the MULTIMASS XS.



11.1. Hitch the MULTIBOX XS to the weight

— Fit the MULTIBOX XS onto the MULTIMASS XS.



— Secure the MULTIBOX XS with the screw and washer.



Note: The MULTIBOX XS can be locked with a padlock.

Note: The MULTIBOX XS can be filled, in order to use it as additional weight.

Additional ballast by filling the MULTIBOX XS with:

- Concrete: 125 kg
- Sand: 107 kg



12. Chainsaw carrier

- Attach the plate to the MULTIMASS XS or the BOX.
- Lock the plate with the washers and screws.



(A) CAT 1N



(B) CAT 1 and 2



CAUTION: Check that the chainsaw does not interfere with the linkage when stowed.



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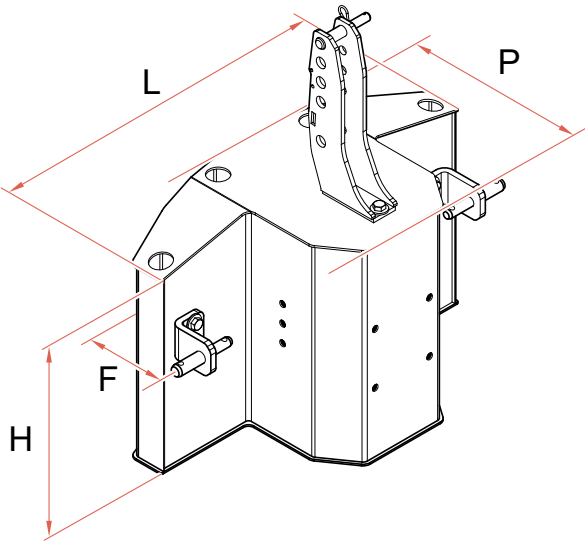
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d

A schematic diagram of a wheel loader. The diagram shows the front view of the machine. Key components and labels include:

- Wheels:** Two large rear wheels and one smaller front wheel.
- Center of Gravity (G):** Located at the center of the rear wheel.
- Front Wheel Center of Gravity (G1):** Located at the center of the front wheel.
- Bucket:** Attached to the front of the machine via a boom and dipperstick.
- Force M:** A downward arrow at the rear of the machine, representing the weight of the rear axle assembly.
- Force G:** A downward arrow at the center of the rear wheel, representing the weight of the machine body.
- Force G1:** A downward arrow at the center of the front wheel, representing the weight of the front axle assembly.
- Force N:** A downward arrow at the bucket tip, representing the weight of the material being lifted.
- Point B:** The pivot point where the boom is attached to the machine frame.
- Point A:** The pivot point where the dipperstick is attached to the boom.
- Dimensions:**
 - l_1 : Horizontal distance from the rear wheel center (G) to the line of action of force M.
 - l_2 : Horizontal distance from the rear wheel center (G) to the front wheel center (G1).
 - b : Horizontal distance from the front wheel center (G1) to the line of action of force N.

14. Technical specifications



Configuration	MULTIMASS 250 XS	MULTIMASS 400 XS / BOX 100L	MULTIMASS 600 XS / BOX 150L	MULTIBOX XS
Category	1N/1/2	1N/1/2	1/2	–
F (mm) Overhang	CAT 1N: 130 or 220 CAT 1 and 2: 130	CAT 1N: 130 or 220 CAT 1 and 2: 130	200	320
H (mm) Height	400	550	550	276
W (mm) Width	768	878	969	750
D (mm) Depth	440	460	500	320
Capacity (litres)	–	107	153	52

DECLARATION OF CONFORMITY



The manufacturer:

M-extend France SAS

Registered office: 19, Rue de Rennes, 35690 Acigné (France).

Registered with the RCS of Rennes under number 639 200 260.

Hereby declares that the material :

Front loader T408evo or T408+evo or T410evo or T410+evo or T412evo or T412+evo or T414evo or T417evo or T418evo or TX420 or TX425 or TX430

or

Front loader U503 or U504 or U505 or U506 or U506+ or U507 or U508 or U508+ or U509 or U510 or U510+ or U511 or U512 or U512+ or U514 or U514+

or

Front loader A104 or A106 or A110 or F303 or F304

or

Front loader C401 or C401XL or C402 or C402XL or C403 or C405 or C407 or C403 PRO or C404 PRO or C405 PRO or C406 PRO or C407 PRO or C408 PRO

or

Loader implement BMS or BRDS or BQU or BF + GF or CGU or TR or TRu or BMSC or CGC or TRC or BT or BR or BC or BF or BMSU or BRU or BFU or CL or BRC or BFC or LC or CG or BP or SG or BB or PCS or LS or PG

or

Implement for telescopic handler loader BMSA or CGA or BTA or TR or BCA or BCDA

or

Feeding bucket BD or GDT

or

Manubal L40 or L400 or L400HD or L500 or L6000 or C30 or C40 or U40 or V40 or V60 or V500 or W500 or V400HD or V5000HD or V7000HD

or

Front linkage R04 or R05 or R06 or R08 or R09 or R10 or R12 or R16 or R20 or R28 or R38

or

Weight M250 or M400 or MM600 or MM900 or MM1200 or MM1500 or MM400AD or MBX or MXS 250 or MXS 400 or MXS 600 or BOX 100L or BOX 150L or MBX XS

or

Multibumper

or

Safety Component OPG

serial number:

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

included in the list of serial numbers 000001001 to 999999365,
is in conformity with the Machinery Directive 2006/42/EC
and with the Supply of Machinery (Safety) Regulations 2008.

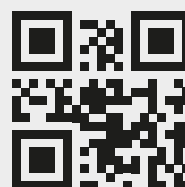
M-extend France SAS, 19 rue de Rennes at Acigné (35690), is authorised to prepare the technical file.

Acigné, 13 October 2025.

B. Gauchenot
CEO



M-extend France : 19 rue de Rennes - 35690 ACIGNÉ



www.m-x.eu

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