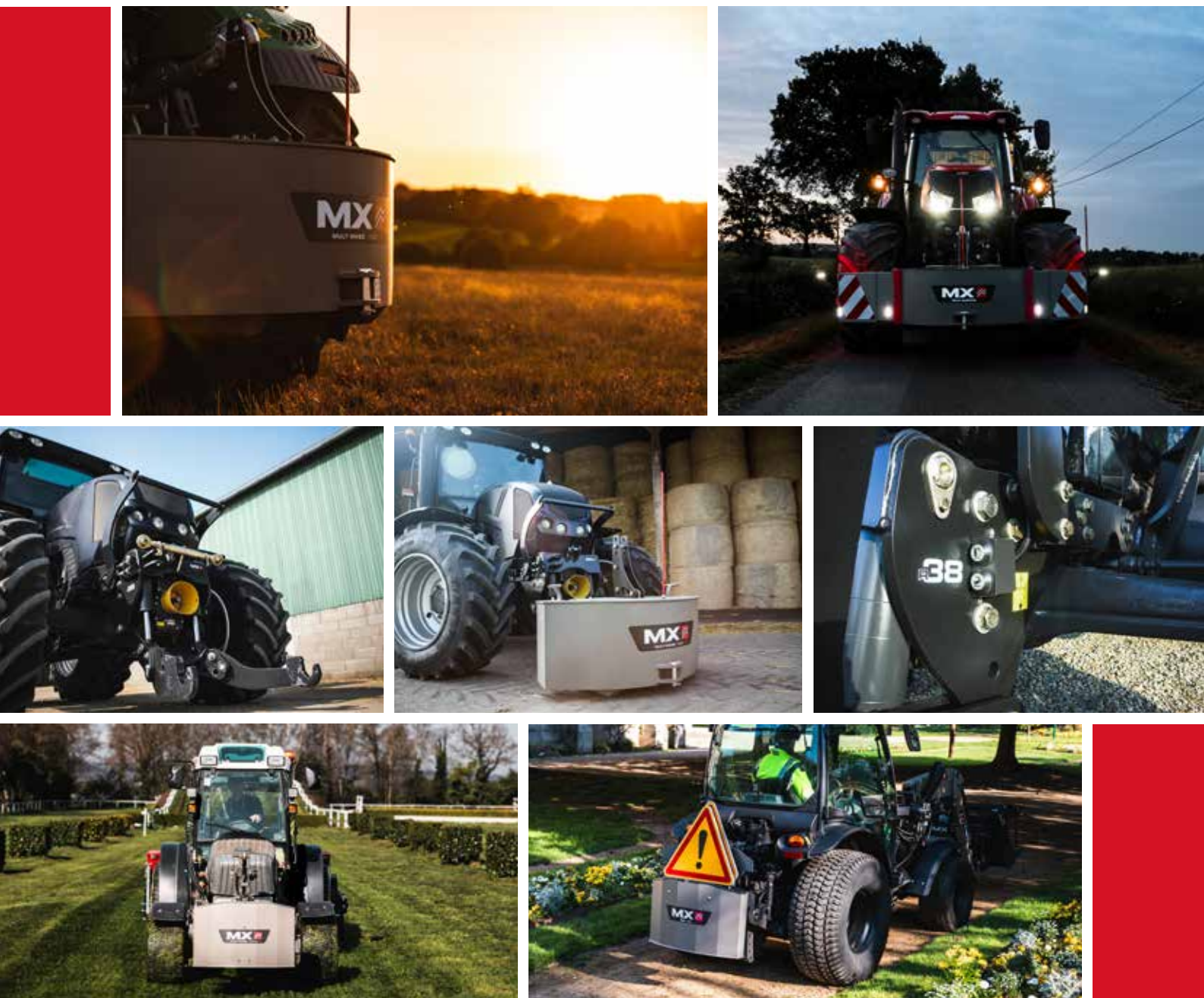


FRONT LINKAGES, WEIGHTS & BUMPERS

MX 







Focus on Front linkages, Weights and Bumpers

EXPLORE THE RANGE OF VERSATILE
FRONT LINKAGES, WEIGHTS AND BUMPERS

Front linkages — 04-07

Weights and ballast boxes — 08-11

Bumpers — 12-15

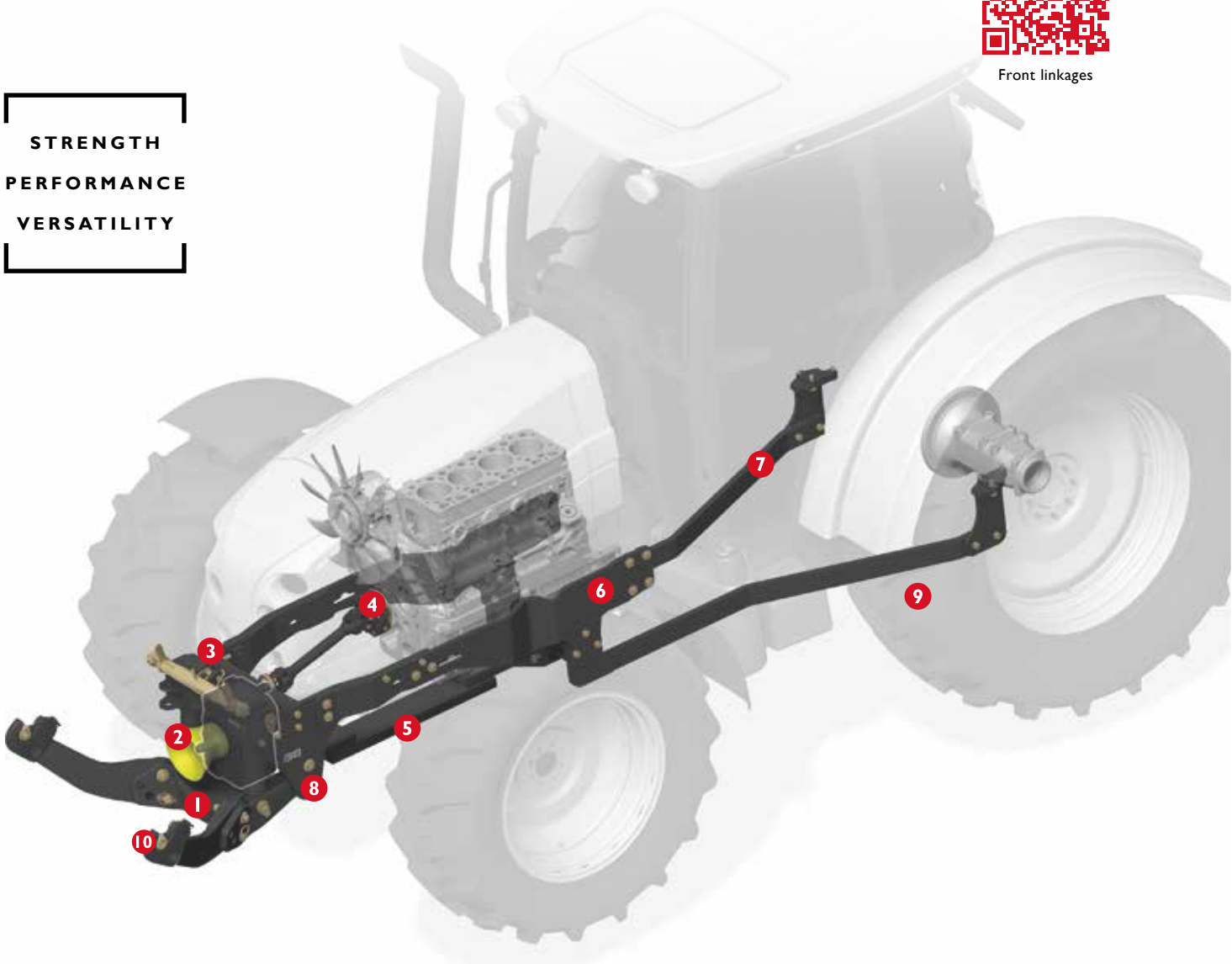
Front linkages

13 front linkages models that perfectly satisfy your needs and integrate to your tractor



Front linkages

STRENGTH
PERFORMANCE
VERSATILITY



- 1** Rigid cast pivot frame*: newly developed for optimal stress distribution.
- 2** Power take-off: rated to 150 hp.
- 3** Engineered with our data gathered from over 4,000 different tractor models. This ensures perfect integration to tractors even with MX Loaders. Chassis plates are secured with conical washers to guarantee a reliable fit.
- 4** PTO Transmission: with rotational shock absorbers specially designed for each tractor model.
- 5** Push bar: recommended for intensive applications (blades, ploughs, etc. subject to MX recommendations).
- 6** Custom-built chassis brackets offer strong support and protect tractors with a casting/engine/clutch assembly. Our design process ensures each tractor's original performance level is maintained.
- 7** Rear supports: these fully reinforce the tractor while preserving its ground clearance (subject to MX recommendations).
- 8** Strong pivots: with anti-rotation pins and bi-metal wear bushes for greater durability, all with easy to access grease nipples.
- 9** Colour can be customised to match the tractor chassis.
- 10** 3 working positions*:
High and low positions:



- 100 mm gain
- adaptable for all tractor tyres
- adjustment for different implement sizes (e.g. subsoilers, blades, weights, etc.)
- easy access at field entrances

Floating position:

- enabling the ground contour to be followed (e.g. front mower)

*FROM MX R20 front linkage

TECHNICAL SPECIFICATIONS



	AMENITY AND GROUNDSCAPE					VINEYARDS AND ORCHARDS				AGRICULTURE			
	R04N	R05	R05N	R08	R08N	R12	R16V	R16F	R16VF	R16	R20	R28	R38
Front linkage category	IN triangle	Adjustable IN to I	IN#	Adjustable IN to I	IN#	1 to 2	1	2	1 to 2	2	2	2	2
							short arms						
Lift capacity:													
• At the ends of the lifting arm* (in kg)	400	500	500	800	800	1200	1600	1600	1600	1600	2000	2800	3800
• With the implement centre of gravity at 610 mm from ball ends* (kg)	300	300	300	550	550	950	1050	1050	1050	1050	1120	1800	3300
Theoretical width of arms between coupling balls (mm)	405	365 to 715	405	365 to 715	405	665 to 895	683	825	683 to 825	825	825	825	825
Height of linkage arms off the ground*:													
• Lowest position (mm)	< 150	< 200	< 200	< 200	< 200	< 300	< 300	< 300	< 300	< 200	< 200	< 200	< 200
• Highest position (mm)	> 250	> 600	> 600	> 600	> 600	> 750	> 750	> 750	> 750	> 850	> 900	> 900	> 950
Couplers type	-	Cat. I	-	Cat. I	-	auto. cat. 1 and 2				auto. cat. 1 and 2	auto. Cat. 3 S		
Coupling balls	-	integrated cat. I	-	integrated cat. I	-	Cat. 2				Cat. 2	Cat. 3 / 2		
3rd top link length (mm)	-	Cat. I / 345 to 500					Cat. 2 / 460 to 680				Cat. 2 / 460 to 680		
Power take-off (PTO)**:													
• Maximum PTO power (hp)	depends on tractor**					150	Not PTO compatible				150	150	150
• PTO output speed (rpm)	depends on tractor**					540 or 1000	Not PTO compatible				540 or 1000	1000	1000
• Direction of rotation (seen from tractor cab)	depends on tractor**					clockwise	Not PTO compatible				clockwise		
• Output shaft profile (DIN 961 I)	1" 3/8" 6 splines					1" 3/8" 6 splines	Not PTO compatible				1" 3/8" - 6 splines		

*The values provided are indicative, and will vary according to the tractor's specifications.

△ Use of blade: do not exceed 1.50 m in width

△ For total protection, use a torque limiter on the implement, set to the tractor's maximum torque (manufacturer's data).

** This option is available depending on the tractor/front linkage compatibility - # CAT 1N as standard, CAT 1 arm kit as an option.

Lifting categories:

- CAT. 1N: for tractors from 15 to 45 hp*
 - CAT. 1: for tractors from 20 to 60 hp*
 - CAT. 2: for tractors from 60 to 220 hp*
- The categories may vary depending on the type of tractor.

LOADER/FRONT LINKAGE COMPATIBILITY



LOADERS AND FRONT LINKAGES 100% COMPATIBLE

MX Loaders and MX Front Linkages share several key elements (*chassis, rear links, hydraulic control valve, control, SHOCK ELIMINATOR*) which reduces equipment costs and makes them easier to install. Easy inter-changeability between your MX Loader and MX Front Linkage ensures you take advantage of your tractor's maximum versatility.



EQUIPMENT AVAILABLE

	AMENITY AND LANDSCAPE					VINEYARDS AND ORCHARDS				AGRICULTURE			
	R04N	R05	R05N	R08	R08N	R12	R16V	R16F	R16VF	R16	R20	R28	R38
3-point hitching	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rear links	✗	✗	✗	✗	✗	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*
Push bar	✗	✗	✗	✗	✗	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*
External linkage control	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
Shock absorber - SHOCK Eliminator	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
Linkage hydraulic control:													
• 3-function selector	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
• MX cable monolever kit (*optional 7-button handle, including 3 customizable)	✓	✓	✓	✓	✓	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*
• E-PILOT S monolever kit (7 buttons)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Auxiliary hydraulic double-acting line	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
• Solenoid valve kit + auxiliary hydraulic valve	✗	✗	✗	✗	✗	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*
• 7-pin electrical socket	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
• 12V power supply	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
• External control of the auxiliary hydraulic line	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
• Front plate	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓
• Power take-off	✗	✗	✗	✗	✓	✓	✗	✗	✗	✓	✓	✓	✓
• Power take-off via transmission kit (requires original tractor PTO drive)	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗
Weight-carrier triangle:													
• Universal triangle frame (UT)	✗	✗	✗	✗	✗	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*
• Tractor specific triangular frame (ST)	✗	✗	✗	✗	✗	✓*	✓*	✓*	✓*	✓*	✓*	✓*	✓*
• Weight carrier to fit on a universal triangle frame (UT)	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✓	✓
• Mower tightener supports	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓
Hitching triangle Cat. 1N:													
• Male connector (linkage side)	✗	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗
• Female connector (implement side)	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗
• Cat. I arm kit (683 mm spacing)	✗	✗	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗

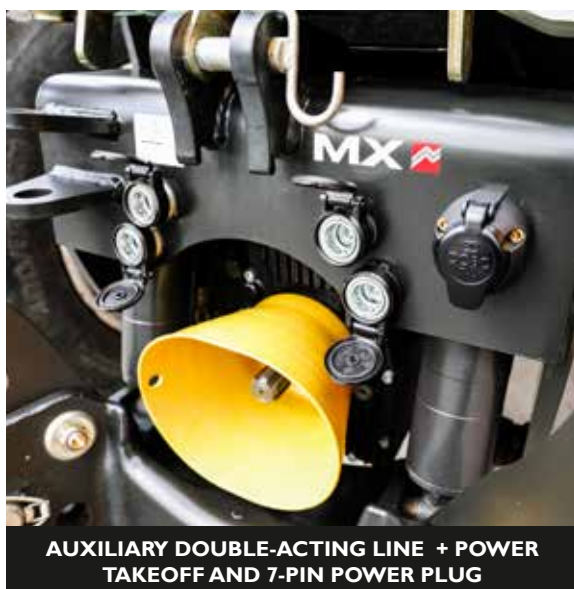
Key: ✓: compatible equipment / ✗: non-compatible equipment / *: according to recommendations



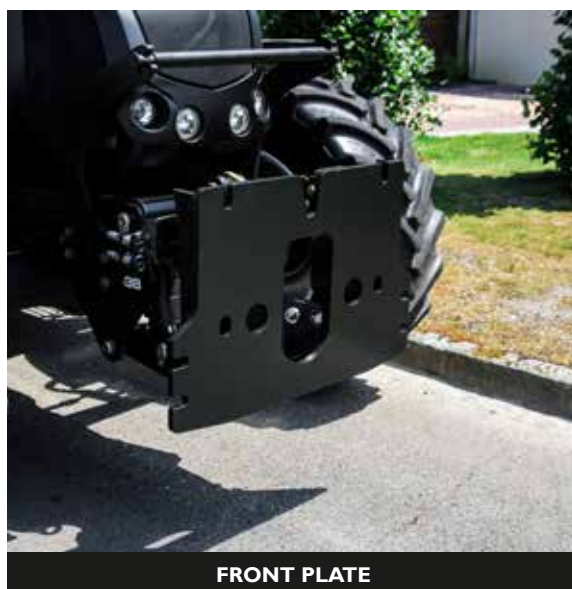
Find out more



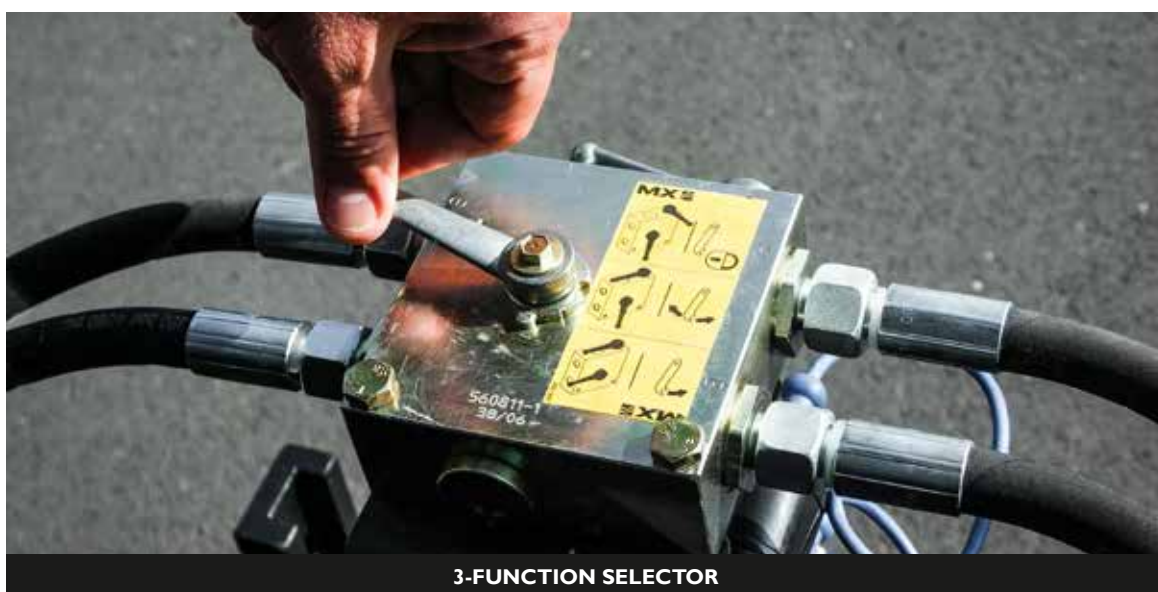
EXTERNAL LINKAGE CONTROL



AUXILIARY DOUBLE-ACTING LINE + POWER TAKEOFF AND 7-PIN POWER PLUG



FRONT PLATE



3-FUNCTION SELECTOR

Weights and ballast boxes

Range of modular, versatile and purpose built ballast weights and boxes for use in amenity (MULTIMASS XS) and agriculture (MULTIMASS), with weight configurations up to 2300 kg.



Weights

MULTIMASS XS & BOX



MODULAR	CONVENIENT	COMPACT	DESIGN
• 52 L MULTIBOX XS storage box (optional) • Towing clevis (optional) • Up to two chainsaw holders (optional)	• Compatible with multiple category types • Easy hitch pin adjustment (depth and height) • Automatic hitching (optional) • Category 1N triangle hitching (optional) • Handle implement supports (excluding BOX)	• Minimal overhang • Seamless integration • Easy to handle	• Other colours available: CNH black, JOHN DEERE green, AGCO grey (other*: please ask) • BOX-shaped closing cover



TOWING CLEVIS



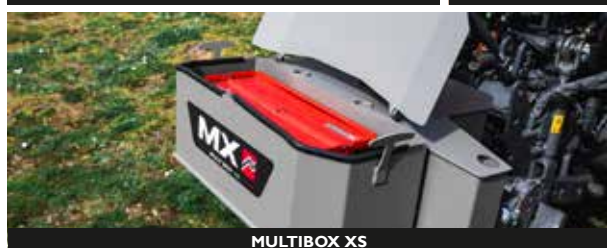
AUTOMATIC HITCHING



STORAGE FOR IMPLEMENTS WITH HANDLES



CATEGORIES 1 & 2



MULTIBOX XS



1N TRIANGULAR HITCHING KIT



CHAINSAW CARRIER

► TECHNICAL SPECIFICATIONS



	MULTIMASS 250 XS	MULTIMASS 400 XS	MULTIMASS 600 XS	100L BOX	150L BOX
Weight/volume	250 kg	400 kg	600 kg	100 L (300kg if filled with concrete at a density of 2.4)	150 L (430kg if filled with concrete at a density of 2.4)
Overhang (mm)	Cat. 1N: 185 to 305** Cat. 1 & 2: 243	Cat. 1N: 205 to 325** Cat. 1 & 2: 255	Cat. 1 & 2: 295	Cat. 1N: 205 to 325** Cat. 1 & 2: 255	Cat. 1 & 2: 295
Height (mm)	400	550	550	550	550
Width (mm)	768	878	969	878	969
Depth (mm)	440	460	500	460	500
EQUIPMENT AVAILABLE					
Hitching cat. 1N*	✓	✓	✗	✓	✗
Hitching cat. 1 and 2*	✓	✓	✓	✓	✓
Customised colours*	✓	✓	✓	✓	✓
MULTIBOX XS • 52 litres • Customised colours*	□	□	□	✗	✗
Towing clevis	□	□	□	✗	✗
Automatic hitching kit Hitching bar between 450 and 660 mm long off-pins and 35 mm maximum thickness (not included)	□	□	□	□	□
1N triangular hitching kit	□	□	✗	□	✗
Chainsaw carrier Up to 2 holders per weight	□	□	□	□	□

Key: ✓ : standard equipment / □ : optional equipment / ✗ : equipment not compatible/ * : optional at the time of ordering/
 **: depending on lower pin adjustment

MULTIMASS



MODULAR	CONVENIENT	RELIABLE	DESIGN
- Fast hitching of 1 to 2 add-on 400 kg weights - Large 168L MULTIBOX storage, (optional) - Bumper kit (optional) - Parking stand included with MULTIMASS 400AD - Large 7-position adjustment range; easy tool-free 30 cm adjustment	3 point or automatic primary weight hitching - Compatible with linkage categories 2, 3 and 4 - Lateral and deep arm guides - Lower Ø28 mm pins and Ø25 mm bracket pins with locking pins supplied (without coupling balls) - Indicator rod - Hand tool, reel and chainsaw storage	- Steel fabricated - Lower pins fit to yoke - Integrated towing clevis with Ø30 mm pin and safety locking pin	- Modern design - Textured MX titanium greypaint (as standard) - Other colours available: CNH black, JOHN DEERE green, AGCO grey* (other: please ask)



MULTIMASS 400AD



MULTIMASS 400AD LOCK



STORAGE FOR TOOLS WITH HANDLES



MULTIBOX



GROUND CLEARANCE ADJUSTMENT



TOWING CLEVIS

► TECHNICAL SPECIFICATIONS

	MULTIMASS 600	MULTIMASS 900	MULTIMASS 1200	MULTIMASS 1500
Capacity	600 kg	900 kg	1200 kg	1500 kg
Width (mm)	1200	1200	1400	1400
Height (mm)	500	500	500	500
Depth (mm)	585	585	675	800
Overhang (mm)	385	385	475	600
Hitching type	3 pts and auto	3 pts and auto	3 pts and auto	3 pts and auto
Hitching category	Cat. 2 to 4	Cat. 2 to 4	Cat. 2 to 4	Cat. 2 to 4
EQUIPMENT AVAILABLE				
MULTIMASS 400 AD (400 kg / L: 1200 mm / H: 500 mm/ D: +270 mm/Overhang: +270 mm)	☐	☐	☐	☐
MULTIBOX (168 L/L: 1200 mm / H: 400 mm/ D: +380 mm/Overhang: +380 mm)	☐	☐	☐	☐
BUMPER PLATE KITS (70 kg/H: 500 mm)	☐	☐	☐	☐

Key: ✓: standard equipment / ☐: optional equipment / ✗: equipment not compatible / *: optional at the time of ordering
*: depending on lower pin adjustment

CONFIGURATION

4 models and **12** possible configurations - create the ballast weight you need from 600 to 2300 kg



Bumpers

Versatile bumper with a customizable modular design



Bumpers

► MULTIBUMPER



- ❶ Easy hitching: 3-point, category 2 interface fitted with 4 lower pin positions:
 - Depth adjustable by 11 cm.
 - Height adjustable by 7 cm.
 Integrated 7-pin socket, with a 3 m male-to-male spiral cable for a neat, secure connection.
- ❷ Storage box integrated between the linkage arms, resulting in minimal overhang. Large capacity of 94 litres. Lockable with a padlock.
- ❸ Easier tractor maneuvering : with both a central front indicator and 2 side indicators, a clear view of the tractor's front overhang and width can be judged. The side indicator rods are mounted on pivots, allowing them to flex in the event of snagging.
- ❹ Tool-free width and tilt adjustable bumper plates can be adapted to different sizes of the tractor (up to 3.05m).
 - In the event of an impact the panels provide safety.
 - Deformable steel structure with broad bumper surface.
 - 50 cm high bumper plates give a better distribution of force in the event of an impact.
 - The side panels are designed to fold under 1,500 kg of pressure to absorb any impact.
 - The bumper panels are protected by a shear bolt if snagged in reverse.
- ❺ Storage for hand tools.
- ❻ Integrated towing clevis: Ø30mm pin with safety latch (not designed to hitch a trailer).
- ❼ Clearly visible to other road users from their driving position: side lights with indicators allow for clear signalling at night and optimum warning when turning. They are made from deformable plastic and hinged for impact protection:
 - 4 LED integrated lights accentuate and highlight the width of the machine.
 - Wide retro-reflective (up to 250 m) warning panels effective both day and night. TPESC Class B approved markings.
- ❽ Trim customisable to match the colour of the tractor bonnet.
- ❾ Single 3-point interface

► CUSTOMISABLE DESIGN: YOUR CHOICE OF COLOUR

For perfect integration with the tractor: **customisation of the colour** at no extra cost (standard colour MX titanium grey). Available colours:



MX TITANIUM GREY



JOHN DEERE GREEN



AGCO GREY



CNH BLACK

Customisation of the trim colour: over 40 colours available.



BLACK & RED



BLACK & ORANGE



BLACK & YELLOW



GREY & RED



BLACK & BLUE



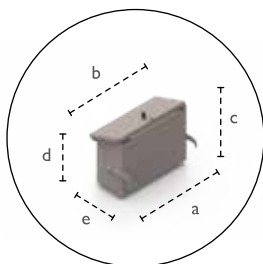
GREY & GREEN

Other colours: please ask

► TECHNICAL SPECIFICATIONS

Configuration	MULTIBUMPER PACK	MULTIMASS 600/900 + side flaps kit	MULTIMASS 1200/1500 + side flaps kit	Single 3-point interface	Side flaps kit
Weight	192 kg	with MULTIMASS 600: 670 kg with MULTIMASS 900: 970 kg	with MULTIMASS 1200: 1270 kg with MULTIMASS 1500: 1570 kg	85 kg	70 kg
Width (mm)	215 < L < 305	215 < L < 305	235 < L < 325	1200	-
Height (mm)	500	500	500	500	500
Depth (mm)	550	585	675	475	-
Min overhang (mm)	250	385	475	250	-
EQUIPMENT AVAILABLE					
¹ Storage box integrated between linkage arms (94 l) ²	✓*	×	×	□	×
MULTIMASS 400A ³ (400 kg)	□	□	□	□	×
MULTIBOX (168 L)	□	□	□	□	×
Central guide rod	✓	✓	✓	✓	×
Side marker rods + light kit	✓*	✓*	✓*	×	✓*
Hitching type	3 pts	3 pts and auto	3 pts and auto	3 pts	×
Hitching category	cat 2	cat 2 to 4	cat 2 to 4	cat 2	×
Colours to choose from depending on tractor chassis	✓	✓	✓	✓	✓
Trim to match the tractor chassis colour	□	□	□	×	□

Key: ✓ : standard equipment / □ : optional equipment / × : equipment not compatible / * : opt-out possible

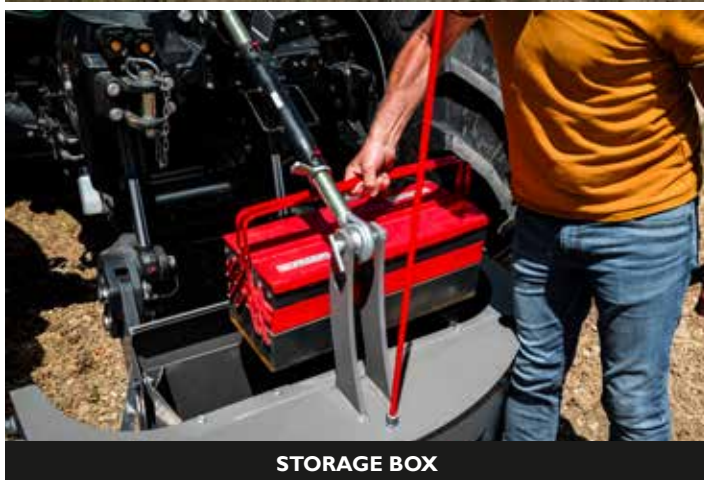


a: 686 mm
b: 584 mm
c: 491 mm
d: 404 mm
e: 328 mm

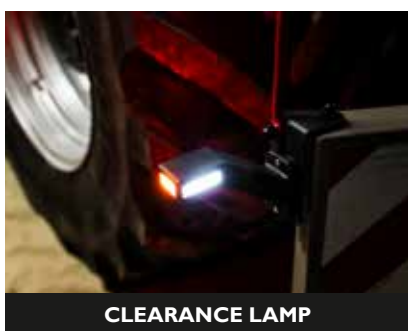




REFLECTIVE STRIP



STORAGE BOX



CLEARANCE LAMP

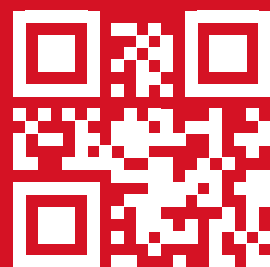


TOOL-FREE SIDE FLAP
KIT ADJUSTMENT



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