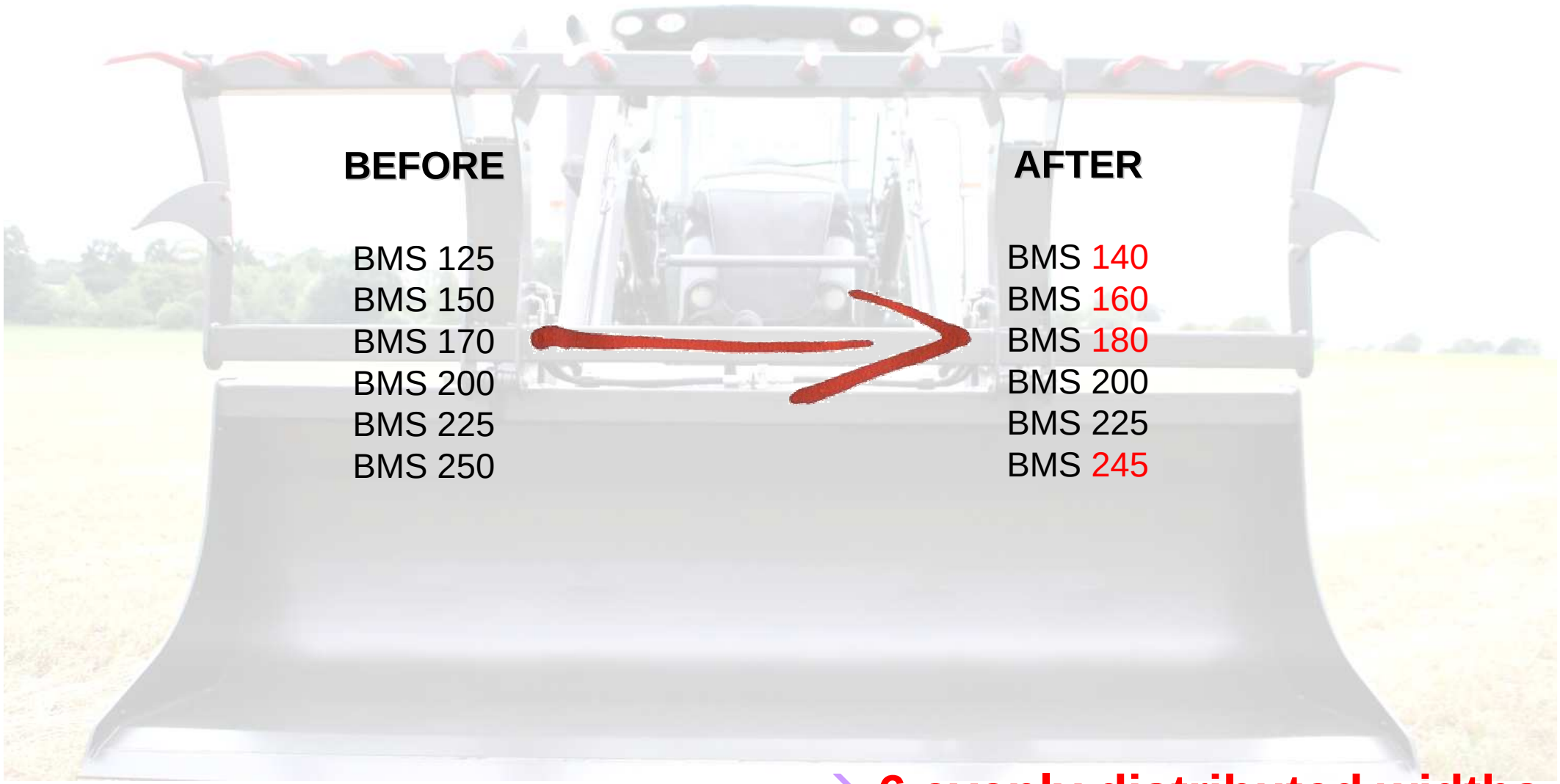
NEW

MULTI-PURPOSE BUCKET
for front loaders

January 2012

New MX Multipurpose Bucket

The range: 6 models



BEFORE	AFTER
BMS 125	BMS 140
BMS 150	BMS 160
BMS 170	BMS 180
BMS 200	BMS 200
BMS 225	BMS 225
BMS 250	BMS 245

→ **6 evenly distributed widths**

Capacity: increased

The BMS Multiservice Bucket capacity is increased by 20% compared to the old model:

810 l	for the BMS 140 *(compared to 610 l with the old model)*
930 l	for the BMS 160 *(compared to 730 l with the old model)*
1,050 l	for the BMS 180 *(compared to 830 l with the old model)*
1,160 l	for the BMS 200 *(compared to 980 l with the old model)*
1,305 l	for the BMS 225 *(compared to 1,100 l with the old model)*
1,420 l	for the BMS 245 *(compared to 1,220 l with the old model)*

→ **Just one objective: to meet our customers' needs**

The look: redesigned

> Structure of the curved grab, for greater volume

> Flatter bucket underside for greater working stability (parks easily on the ground, without tipping backwards)

> Rounded rear maintained for optimum filling (rotating material, etc.)

> And finally, a horizontal upper profile for improved visibility of the implement

→ **Innovative designed and very practical**

Bucket structure: strengthened

> Equally spaced, friction pads surround the rear of the bucket up to the hitching brackets
(6 pads for BMS 245 and 225 / 4 pads for BMS 200, 180 and 160 / 2 pads for BMS 140)

> Large integrated hitching brackets provide uniform strength to the back of the bucket

> The underneath of the bucket is further protected against friction by an additional longitudinal pad

Bucket body: strengthened

> Upper support tube with a very heavy section to protect the bucket against twisting
> Very thick bucket rear and sides for unparalleled durability
> Positioned in the middle, under the bucket, a wide flat section protects the bucket during pile-driving operations, for example

→ **Prepared for any task**

The bucket: easy to clean, practical to use

Complete absence of any "moon"-type brackets inside the bucket to:

> Make high-pressure washing easier

> Avoid material sticking

> Make the job easier when manually loading and unloading (posts, emptying, etc.)

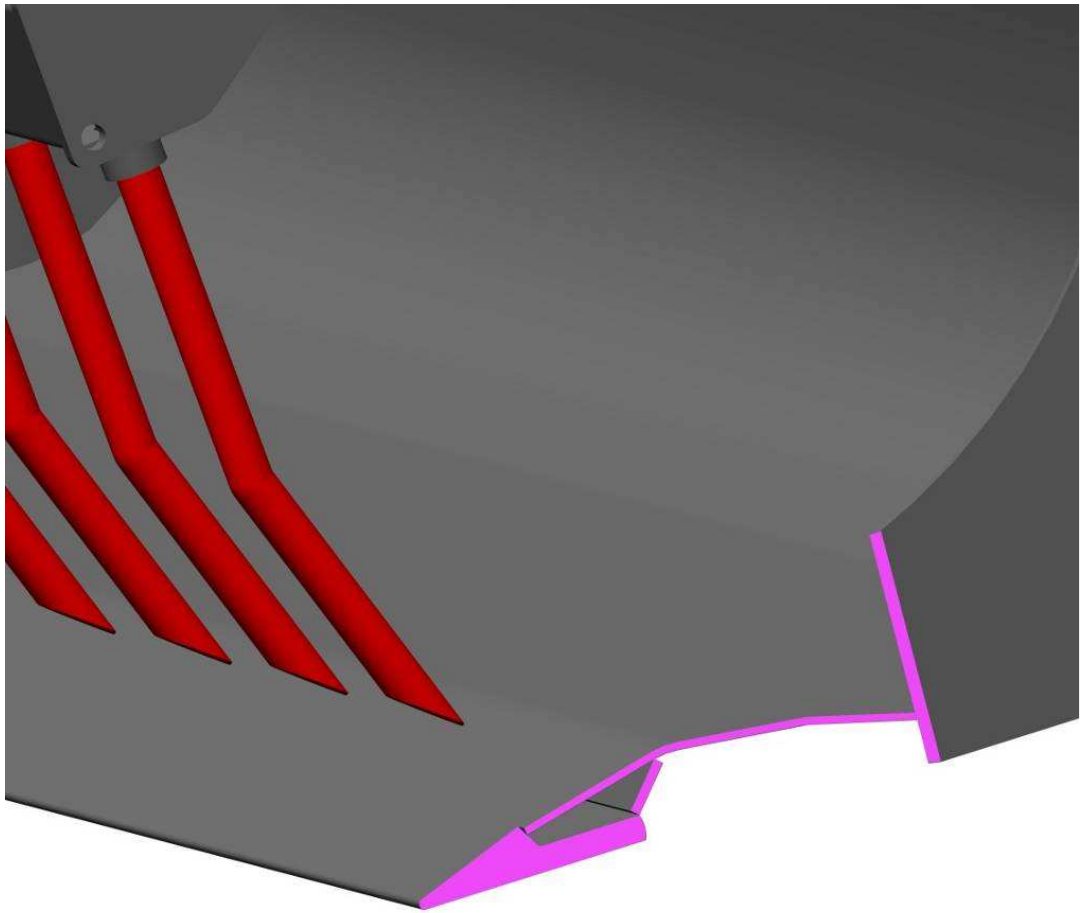
→ **Designed for user comfort**

Wear plate: rigid and exclusive

Without any "moon"-type brackets, the bucket is kept rigid through the use of:

> A counter-ply at the foot of the bucket forming a casing (similar to telescopic implements)

> The exclusive section of the MX wear plate (shoe-type) achieves perfect bend-resistance. This plate is 32-mm thick at the ridge, 150-mm in length, with a hardness of 300 HB



→ **Excellent bend resistance**

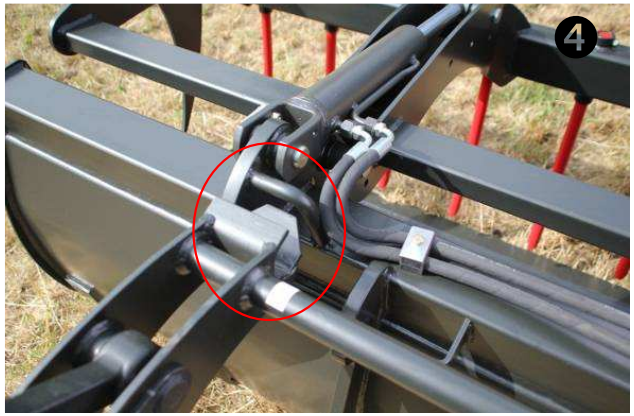
Hitching: even more practical

> Support for coupler or MACH2 attachments, enables hoses to be kept clean and easily accessible at all times

> Wide V guides for hitching the BMS Multiservice Bucket to an MX loader.

→ **Quick and easy**

Rams: fully protected



❶ Hydraulic pipes lying at 90° to the side bracket to avoid any hazardous exposure

❷ The curved shape of the side bracket protects the ram against falling objects

❸ Fully protected ram using a guard plate under the grab

❹ Hydraulic pipes protected against improper hitching.

→ **Designed to last**

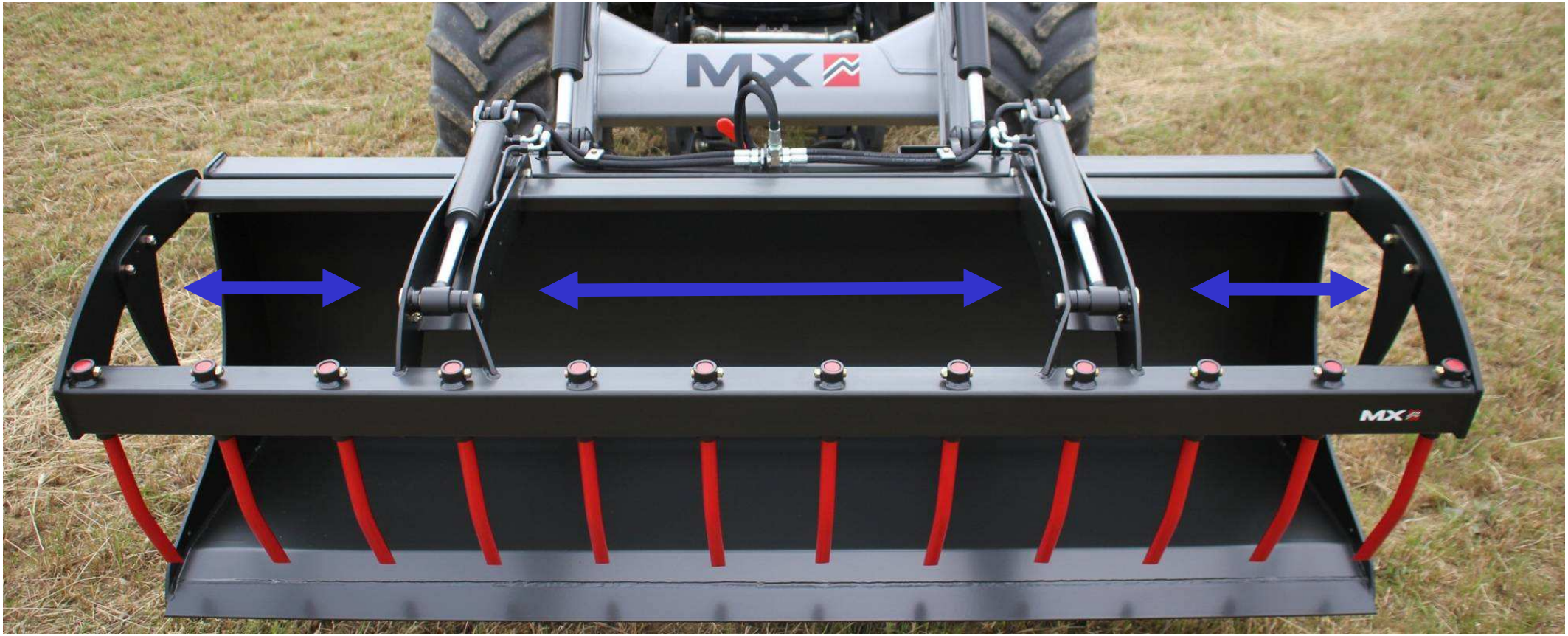
Rams: carefully positioned

For perfect working visibility, the rams are set 40 cm further apart in relation to the former range:

> The rams are positioned along the same axis as the loader arms, hiding them from view.

The rams cannot be seen from the centre or sides of the cab field of view. Users need not worry about them.

Rams: carefully positioned



The positioning of the rams in the grab structure is uniform, thereby guaranteeing an excellent distribution of force, even in the widest BMS Multiservice Bucket (as seen above, 2.45 m)

→ **Remarkable handling**

Grab: carefully strengthened

2 strong section tubes, surrounded by 4 side brackets, provide flawless rigidity, whatever the task.

The structure does not require the addition of any braces, thereby increasing visibility and improving the implement unladen weight.

→ **Highly twist resistant**

Grab: optimised linkage

> Open grab, the end of the tines are kept clear of the front blade. Collecting material against a wall is therefore extremely practical and efficient.

> With an opening of 1.30 m, picking up round bales is made very easy, making this a truly multi-purpose implement.

→ **Practical and functional**

Tines: improved wear resistance

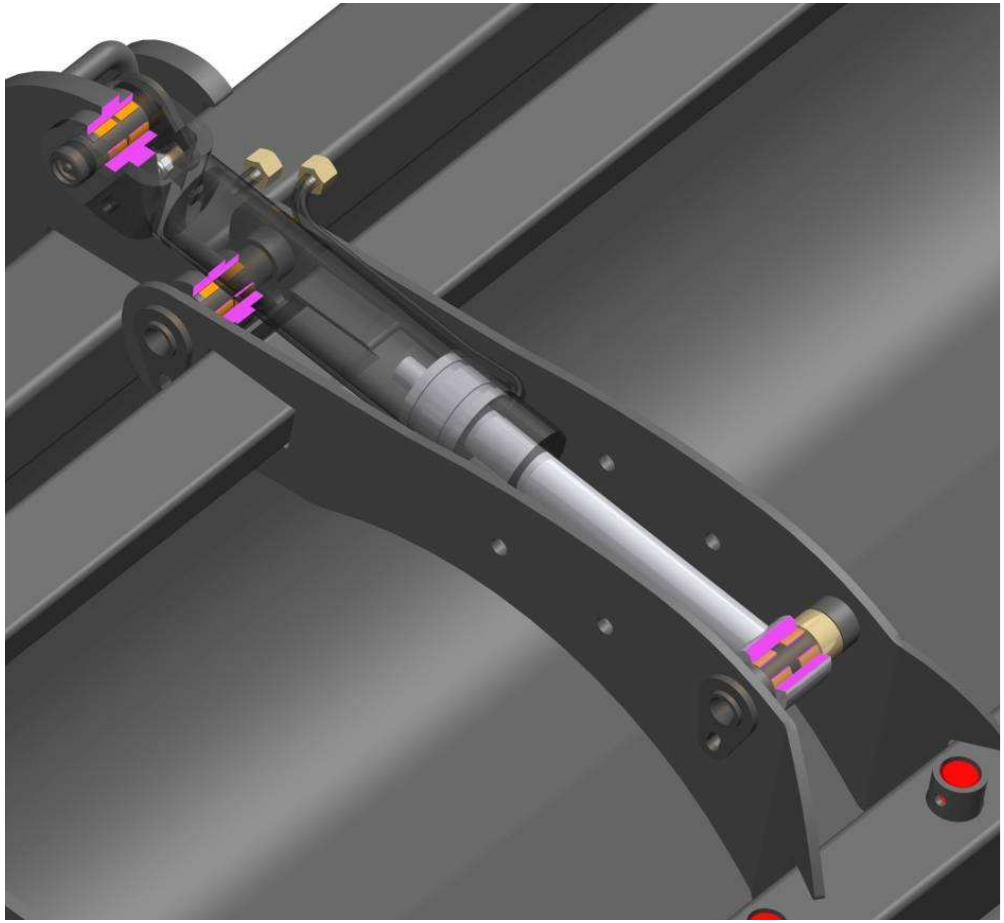
> Tines integrated in the tube, with bushing for perfect tear-resistance.
> Exclusive tine fixing method ensuring zero play throughout the service life of the implement. This non-conical attachment also makes it easy to replace a tine.
> Forged tine with a diameter of 30 mm, increasing its resistance by 33% compared to the former range.

Red tines for greater visibility and safety.

→ **Excellent durability**

Pivot joints: optimal durability

> All pivot joints, diameter 30 mm, fitted with wearing bushes for extended product life
> All grease nipples, easily accessible, integrated in the same axis for perfect protection against the surrounding environment.
> Main pivot joint (most frequently used) surrounding the upper tube assembly of the bucket for stress distribution.

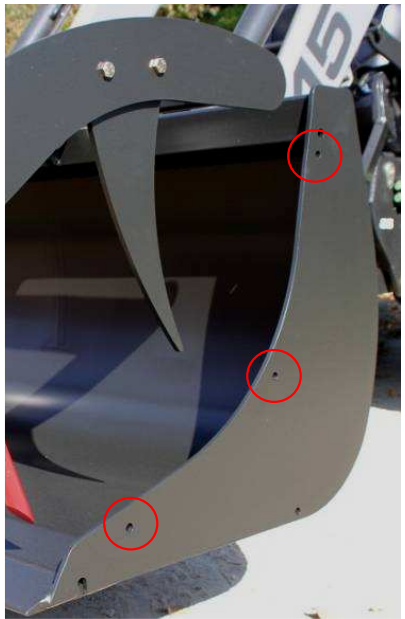


→ **Built to last**

Side cover plates: for even greater versatility


Without side cover plates


With side cover plates



Optional: side cover plate kit – thickness: 6 mm, enabling increased load volume volume and avoiding material loss over the sides. Easy to attach using the 3 pre-drilled holes on the implement.

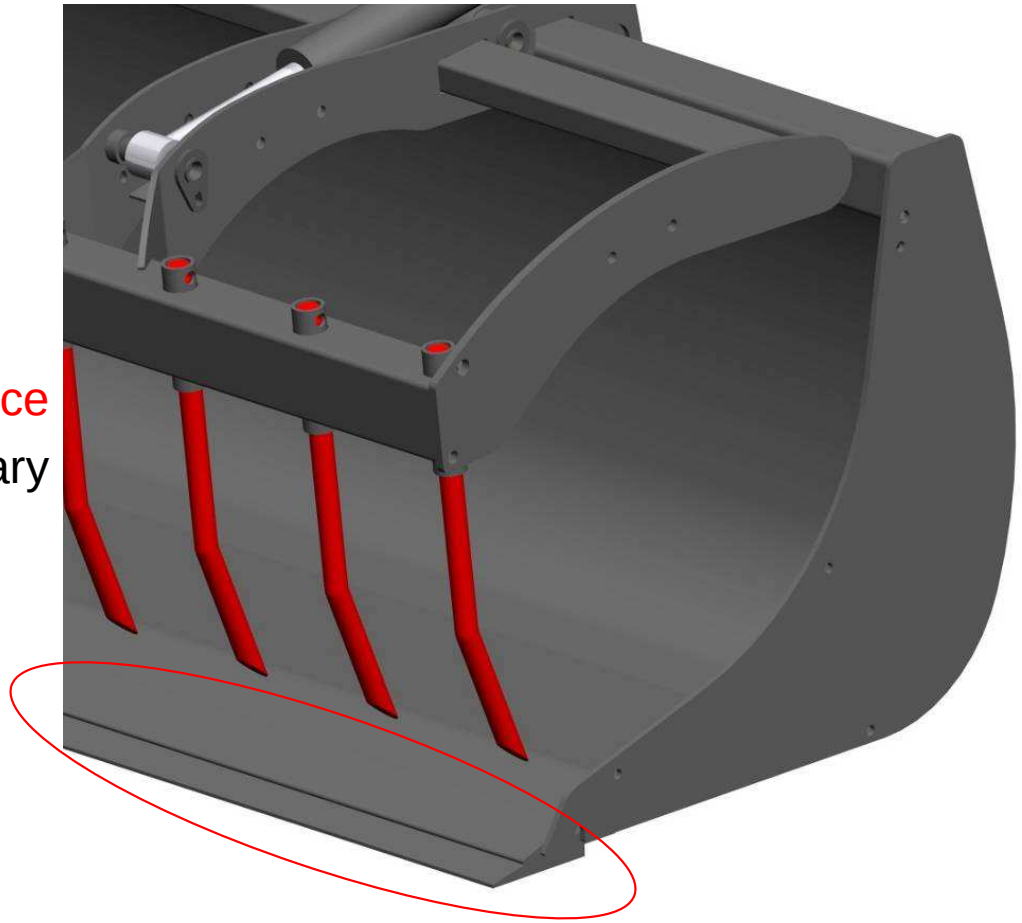
The cover plate kit is compatible with the side tines (i.e. no need to remove side tines)

→ **Capable of meeting all your needs**

Counter-wear plate: for intensive use

With the works option – welded counter-plate to preserve the primary wearing plate against ground friction, especially on concrete and/or asphalt surfaces.

With a hardness of 400 HB, it provides a long service life and can be replaced more easily than the primary plate, thanks to its intermittent weld.



→ **Capable of meeting all your needs**

Overview of the technical specifications:

	Usable capacity 	Weight	Inner width	Depth	Overall height	Number of teeth
BMS 140	**810 l**	**325 kg**	**1.40 m**	**785 mm**	**850 mm**	**7+2**
BMS 160	**930 l**	**367 kg**	**1.60 m**	**785 mm**	**850 mm**	**8+2**
BMS 180	**1,050 l**	**399 kg**	**1.80 m**	**785 mm**	**850 mm**	**9+2**
BMS 200	**1,160 l**	**423 kg**	**2.00 m**	**785 mm**	**850 mm**	**10+2**
BMS 225	**1,305 l**	**466 kg**	**2.25 m**	**785 mm**	**850 mm**	**11+2**
BMS 245	**1,420 l**	**488 kg**	**2.45 m**	**785 mm**	**850 mm**	**12+2**