SILAGE CUTTING







- MOBILE ROTOR BUCKET
- SCIE'REX BUCKET WITH SILAGE DEFACER
- ROTOR ON FRAME

MOBILE ROTOR BUCKET

HOW IT WORKS

The rotor rotates backwards.
The rotation is synchronized with the arm lowering.
The mobile rotor bucket fits onto any type of machinery handler.
It is the ideal attachment for loading mixer wagons.
Only one bucket to load silage and concentrates: time saving.

PATENTED PATENT APPLIED

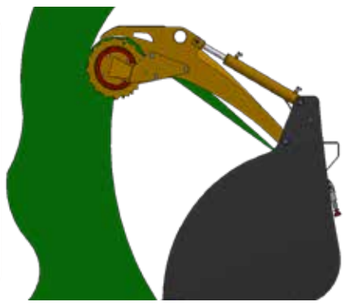


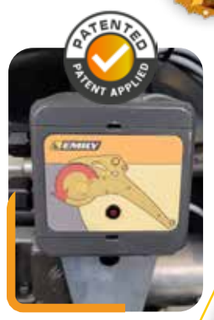
Innov' space

Zootechnical performances:

Backward rotation of the rotor.
Optimized filling and clean clamp face even at the bottom of the silo clamp for both chopped grass (6cm max) and maize silage. Patented rotor inversion in option.
Limits the development of spores and bacteria.









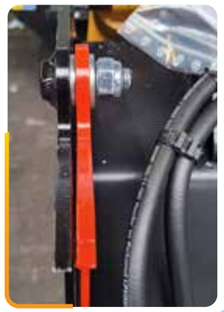
Optimisation:

of the machinery handler oil flow thanks to the 2 speeds for lowering the rams.

Comfort:

Level and rotor closing indicators, visible from the cab.

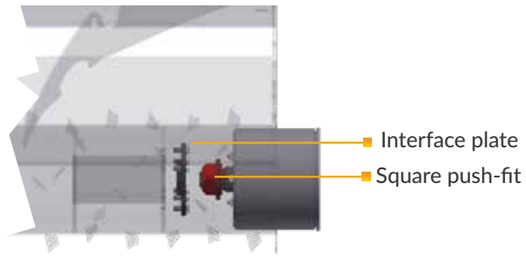




Robustness and durability:

Secure SQUARE DRIVE system with removable interface plate (sides 2 and 3).

Reliable drive mechanism.



Operational output:

NEW: large rotor diameter on bucket side 3.

Optimised bucket loading.

+ 25%
loaded weight per minute



Cost savings:

Increase NEL and NEG by significantly reducing aerobic fermentation of your fodder.

€



STANDARD EQUIPMENT

SIDE 1 • Bucket bottom thickness 6mm for the models 1,30m and 1,50m and 8mm for the other models
- Check valve for open center hydraulic circuit
- Rotor with 2 rams (automatic and regulated lowering)
- Backward rotating rotor
- Outer Ø 393mm

SIDE 2 • Bucket bottom thickness 8 mm • Rotor with 2 rams (automatic and regulated lowering) • Side 2 : rotor with outer Ø 393mm • Backward rotation of the rotor • Check valve for open center hydraulic circuit • High powerful hydraulic motor without the need for draining • Square Drive System (Driving system)
- Level and rotor closing indicators

SIDE 3 • Technical specifications of side 2 except Side 3 outer rotor Ø 476mm.

MACHINERY HANDLER	Compact loader			Front loader	Telescopic handler								
Width (m)	1,30	1,50	1,70	1,90	2,10			2,30			2,50		
Using capacity (m^3)	0,70	0,81	0,92	1,03	1,13	1,65	2,40	1,24	1,80	2,65	1,35	2,00	2,90
Side	1	1	1	1	1	2	3	1	2	3	1	2	3
Weight (kg)*	400	450	495	520	540	855	1030	590	900	1140	620	955	1250

*The weight is not contractual.

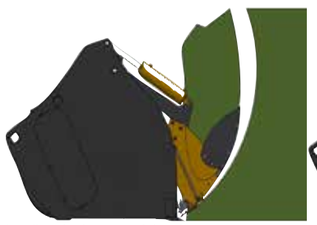
SCIE'REX BUCKET WITH SILAGE DEFACER



HOW IT WORKS

The Scie'Rex bucket cuts any type of silage and fodder, even long grass silage (maize silage, chopped grass silage, grass cut by forage wagon, silage bales, etc.).
Thanks to the mobile deflector, the silage defacer bucket remains compact with good visibility during transport and discharging.

PATENTED
PATENT APPLIED



Loading the bottom of the clamp: patented deflector in high position



Loading the top of the clamp: patented deflector in low position

Operational output:

Unrivalled for a silage cutting attachment with **+50%** more loaded weight (compared to a standard rotor)



Comfort:

Level indicator, patented deflector.





2017 Innov'SPACE

2017 INEL d'OR



Zootechnical performances:

Optimised rumination thanks to the clean cut of the blade: does not disintegrate the silage during cutting.
Clean clamp face even at the bottom of the silo.
Limits the development of spores and bacteria by preventing air-ingress.

Adaptability:

Thanks to the Soft Control System (patented regulated hydraulic control), the Scie'Rex fits onto any type of machinery handler regardless of the hydraulic flow.



Versatility:

Featuring a plain bottom, the Scie'Rex bucket allows to load dry food or cutting maize silage without any loss of material during transport.

Robustness and durability:

Oversized rams, blade with 6 interchangeable hardened steel knives.





Cost savings:

Increase NEL and NEG by significantly reducing aerobic fermentation of your fodder.



STANDARD EQUIPMENT

- Blade with 6 interchangeable knives
- Hydraulic control of the blade lowering and automatic direction inversion of the blade (Soft Control System)
- Patented deflector • Extra blade, 450HB
- Mobile defacer blade with 2 rams • Bottom of the bucket with a 8mm steel thickness
- Works with 1 double acting spool needed and 1 electric supply

MACHINERY HANDLER	Front loader	Telescopic handler
Width (m)	2,20	2,40
Using capacity (m^3)	1,20	1,90
Side	1	2
Weight (kg)*	720	970

*The weight is not contractual.

OPTIONS

- Electric selector box (2 functions)
- Quick lowering

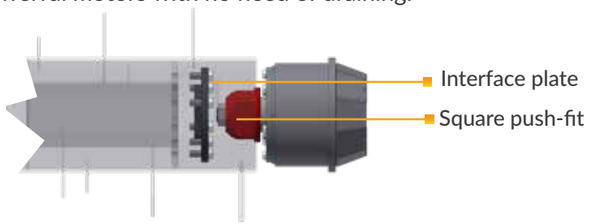
ROTOR ON FRAME

HOW IT WORKS

The rotor on frame allows an intensive silage cutting. It cuts a wide variety of silage materials (maize silage, chopped grass silage (6cm max)...).
It is designed to work in oversized silos (averaging 6 metres high) with densities of up to 0,75 t/m³.



Reliability:
Secure SQUARE DRIVE system with removable interface plate.
Reliable drive mechanism.
2 powerful motors with no need of draining.





Operational output:
Ideal for cutting large quantities of silage.
Available in 2.40m.
For all types of maize, whole crop and chopped grass silage.





Robustness and durability:
Rotor equipped with Hardox 450 bevelled tines (helical mounting).
Rotor external diameter 508mm.

Cleanliness:
Anti-projection rear sheet.



Robustness:
Protective pads.





STANDARD EQUIPMENT

• Tines of rotor in Hardox • Outer Ø508mm • Double driving with series powerful motor, freewheel without the need for draining (accepts high back pressure on the return line) • Secure driving - Square Drive System with removable plate • Anti-projection rear sheet •Minimum oil flow: 70L/min • Maximum oil flow: 170L/min.

Width (m)	2,40
Weight (kg)*	600

OPTIONS

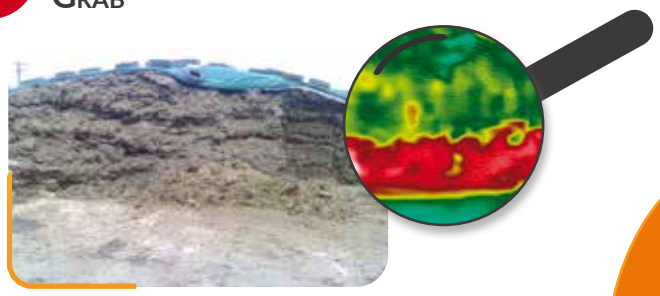
• Hydraulic hoses kit to connect from the front end loader to the distributor of the rear of tractor

*The weight is not contractual.

SILAGE CUTTING RANGE

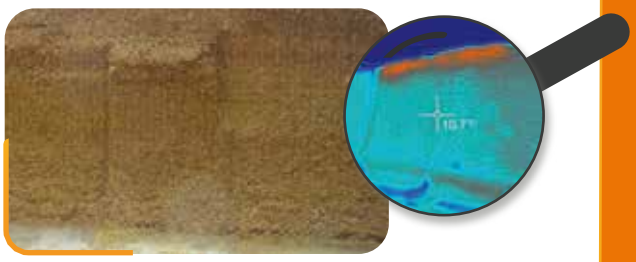
High temperature & aerobic fermentation

GRAB



Low temperature & low fermentation

MOBILE ROTOR / SCIE'REX DEFACER





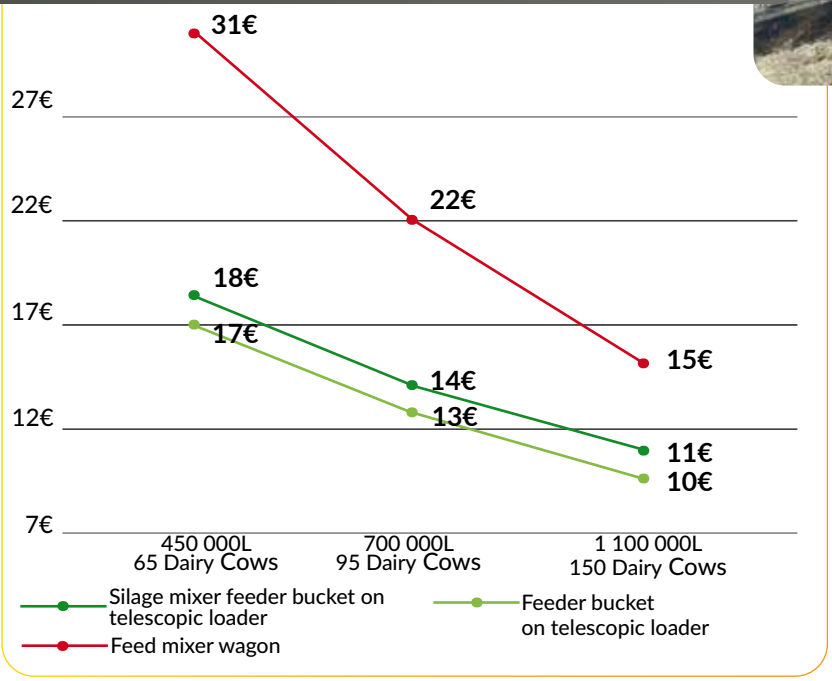
- For a clean and smooth clamp face
- Eliminating secondary fermentation allows to:
  - Prevent air-ingress into the silo (better conservation)
  - Optimise feed quality (more NEL and NEG available)
  - Eliminate wastage while improving zootechnical performance

DISTRIBUTION COSTS

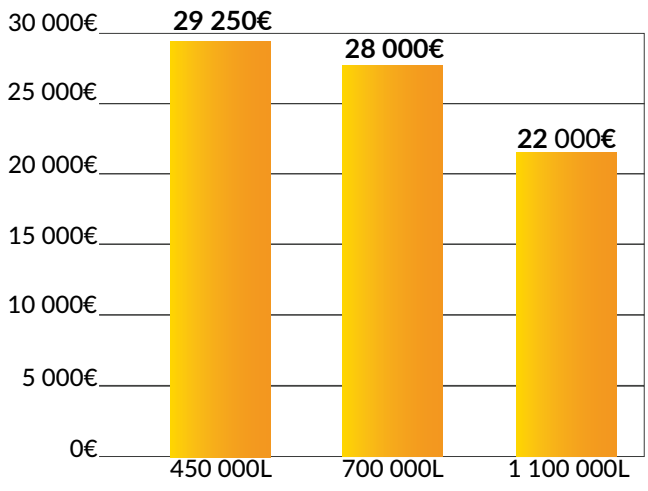
Save 10€ on an average of 1000L of produced milk



Distribution costs on an average of 1000L of produced



Cumulative savings over 5 years with a mixer feeder bucket in comparison with a mixer wagon.



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October 2026 - EMILY