MIXING







MIXER FEEDER BUCKETS ● MELODIS ● MELODIS 100 ● DUO-MIX

MELODIS SILAGE MIXER FEEDER BUCKET

HOW IT WORKS

The Melodis cuts, mixes and distributes.
It is the ideal tool for preparing a total mixed ration (maize, chopped grass (6cm max) and concentrates).
It can handle up to 50% of chopped grass silage (6cm max) (side 3 and above).



Robustness:

Spiral mixer with double driving.



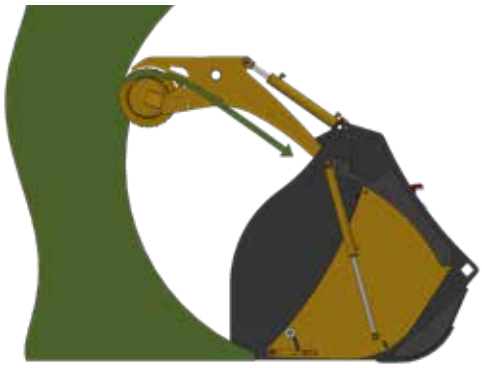
Durability:

Stainless steel sheet for unmatched food hygiene and durability.
No wear due to oxidation.
Double keyway: distribution of forces over both keys.
Opening in the door guide to allow material clearance.

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.







STANDARD EQUIPMENT

- Bucket bottom in 450-Hardox (exepted side 1)
- Spiral mixer with Hardox paddles.
- Omega shape to optimize the mixing flow in forward and backward motion.
- Hydraulic feeding door in Hardox with large opening synchronized with the distribution
- Hardened heels

OPTIONS

- Mobile rotor or hydraulic grab
- Stainless steel sheet 2mm

*The weight is not contractual.

MACHINERY HANDLER	Compact loader / Front loader / Linkage of tractor											
Width (m)	1,30		1,50		1,70		2,00			2,20		
Using capacity (m^3)	0,90	1,10	1,00	1,30	1,20	1,50	1,40	1,70	2,10	1,50	1,90	2,30
Weight (kg)*	560	600	600	650	630	690	750	820	880	805	885	900







Comfort:

Level indicator with integrated hydraulic coupling holder.
Position indicator for the rotor or the grab.

Versatility:

Right or left distribution, or right and left distribution
3-in-1 attachment: cuts silage, mixes and distributes

Robustness:

Protective pads for the door cylinder axles.
Side protection.



Cost savings:

Optimise your feed costs: save 10€ on an average of 1000L with an Emily feeder bucket compared to another type of feeding equipment.

Telescopic handler

Wheel loader

2,40					2,60								2,80						3,00				3,20			
1,60	2,00	2,50	3,00	3,90	1,80	2,30	2,80	3,40	4,20	5,10	5,10	6,10	3,00	3,70	4,60	5,50	5,50	6,60	4,90	5,90	5,90	7	5,20	6,30	6,30	7,50
860	910	985	1050	1200	910	1000	1035	1100	1320	1720	1990	2470	1080	1150	1420	1850	2140	2675	1510	1980	2295	2835	1605	2110	2450	3040

MELODIS 100 SILAGE MIXER FEEDER BUCKET

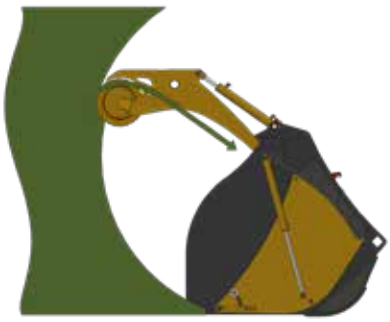
HOW IT WORKS

The Melodis 100 cuts, mixes and distributes.
It produces a total mixed ration (maize, chopped grass (6cm max) and concentrates), and optimises theration by incorporating fibre (chopped straw with rotocut or forage harvester).
Up to 100% of chopped grass silage.



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.









Robustness:

Spiral mixer with paddles and paddles with retraction chain for mixing chopped grass silage (6cm max).

Durability:

Stainless steel sheet for unmatched food hygiene and durability.
No wear due to oxidation.

STANDARD EQUIPMENT

- Bucket bottom in 450-Hardox
- Spiral mixer with Hardox paddles. Paddles with chains (100% chopped grass silage)
- Omega shape to optimize the mixing flow in forward and backward motion.
- Hydraulic feeding door in Hardox with large opening synchronized with the distribution
- Hardened heels

OPTIONS

- Mobile rotor or hydraulic grab
- Stainless steel sheet 2mm





Comfort :

Level indicator with integrated hydraulic coupling holder.
Position indicator for the rotor or the grab.
Excellent visibility



Versatility:

Right or left distribution, or right and left distribution.
3-in-1 attachment: cuts silage, mixes and distributes.

Robustness:

Protective pads for the door cylinder axles.
Side protection.

Cost savings:

Optimise your feed costs: save 10€ on an average of 1000L with an Emily feeder bucket compared to another type of feeding equipment.



MACHINERY HANDLER	Front loader		Telescopic handler				
	Linkage of tractor						
Width (m)	2,40		2,60		2,80		3,00
Using capacity (m^3)	3,00	3,90	3,40	4,20	3,70	4,60	4,90
Weight (kg)*	1050	1200	1100	1320	1150	1420	1510

*The weight is not contractual.

DUO-MIX MIXER BUCKET OR TANK FOR DRY

HOW IT WORKS

The Duo-mix mixes and discharges concentrates.
A doubled inversed auger allows mixing and distributing.
It is available as a bucket or a tank.
A 30-second mixing without denaturing the aliments.



Versatility:

Pre-fitted for an extension chute for an optimal discharge precision.
2-in-1 attachment: doubled inversed auger allowing mixing and distributing.
Right or left distribution, or right and left distribution.
Possibility of seed mixing use.





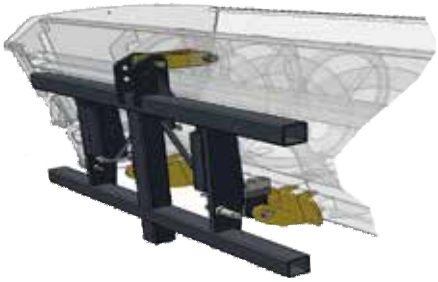
Ergonomics:

Hydraulic door opening adjustable by mechanical stop, synchronised with the auger.

Zootechnical performances:

Predisposition for the weighing sytem on the tank.
The integrated weighing system provides total control over the quantity discharged, ensuring nutrition consistency day after day.





STANDARD EQUIPMENT

Duo-Mix Bucket (for loading with the bucket) • Mixer/ Feeder with inversed screw • Hydraulic motor integrated • Adjustable opening door by mechanical stopping, synchronized with the auger • 1/4 turn valve to lock the door

Duo-mix Tank (Not suitable for reloading operation (stored in flat position)) • Predisposition for a weighing system • Mixer/ Feeder with inversed screw • Hydraulic motor integrated • Adjustable opening door by mechanical stopping, synchronized with the auger

OPTIONS

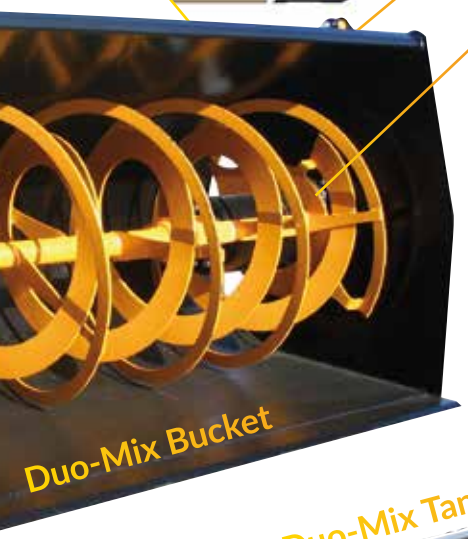
- Fixed extension chute
- Weighing system frame (Duo-Mix Tank)

FOOD

PATENTED
PATENT APPLIED







Duo-Mix Bucket

Robustness and durability:

Integrated gear box:
optimized bucket life.



Duo-Mix Tank



Adaptability:

The Duo-mix adapts to all types of machinery: skid steer loader, front loader, tractor 3 point linkage...

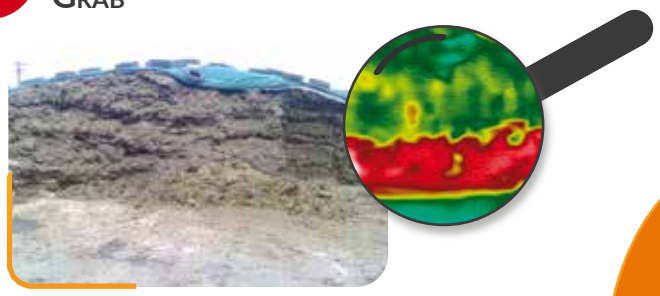
MACHINERY HANDLER	Compact loader			Front loader		Linkage of tractor (Duo-mix Tank)		Telescopic handler					
Weight (m)	1,30	1,50		1,70		2,00		2,40			2,60		
Mixing capacity (L)	390	450	700	510	800	600	940	700	1100	2000	780	1200	2200
Water capacity (L)	530	610	900	700	1000	820	1200	960	1400	2530	1060	1560	2800
Weight (Kg)* Bucket Tank	320 315	380 375	550 540	420 415	590 580	450 445	660 650	480 475	730 720	1090 1070	560 555	800 790	1150 1130

*The weight is not contractual.

SILAGE CUTTING RANGE

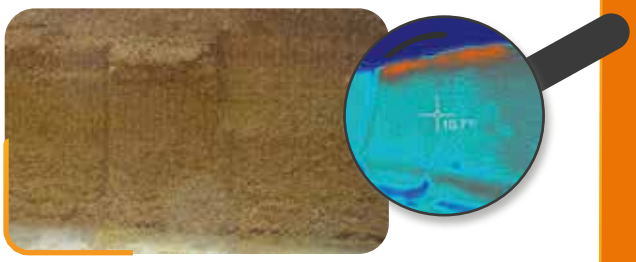
High temperature & aerobic fermentation

GRAB



Low temperature & low fermentation

MOBILE ROTOR / SCIE'REX DEFACER





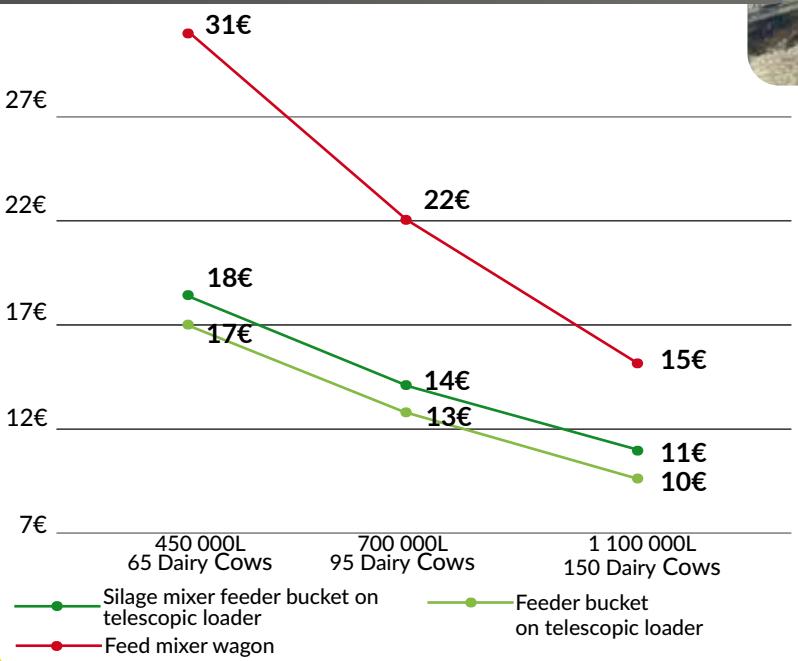
- For a clean and smooth clamp face
- Eliminating secondary fermentation allows to:
  - Prevent air-ingress into the silo (better conservation)
  - Optimise feed quality (more NEL and NEG available)
  - Eliminate wastage while improving zootechnical performance

DISTRIBUTION COSTS

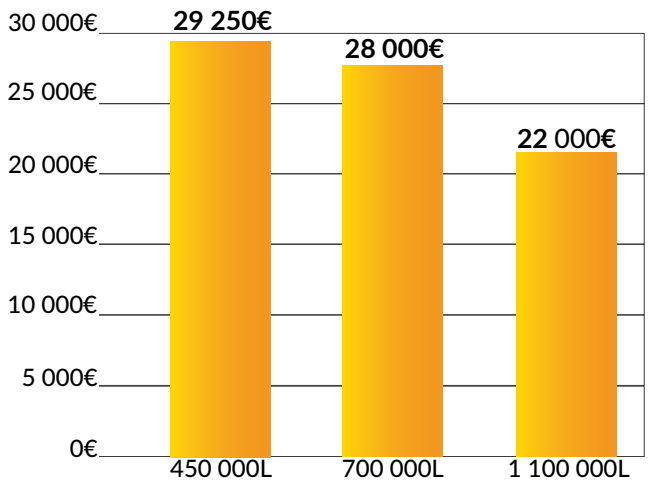
Save 10€ on an average of 1000L of produced milk



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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