

FEED MIXER WAGON

VERTICAL SELF
PROPELLED

STURTI

Excellence since 1956

DOBERMANN EV03





IN LOVE WITH FEEDING

Since 1956 we have been manufacturing
machines and TECHNOLOGICAL SOLUTIONS
for FEEDING AND ANIMAL WELFARE

We envisage a world where economic and environmental sustainability, traceability and animal health may be the leading values to win future feeding challenges.

We have been satisfying our customers' needs with new high end and innovative products and services for more than 65 years.

Innovation, passion, as well as our great team spirit have driven us to become one of the world's leading references in agricultural mechanization.



STORTI PRODUCT RANGE

SELF PROPELLED



VERTICAL

dobermann^{EVO}
SV

dobermann^{EVO}
SW

dobermann^{EVO}
SW GP

terrier^{EVO}
SW

TRAILED



HORIZONTAL

husky^{MT}

husky^{DS}

boxer^{MT}

boxer^{DS}

STATIONARY



HORIZONTAL

huskyST

STATIONARY



VERTICAL

dunkerST



SELF PROPELLED



terrier*
SW

HORIZONTAL

pointer^{EVO}

pointer*

greyhound*

* AVAILABLE ONLY IN SPECIFIC MARKETS



TRAILED



dogo
MT

VERTICAL

dunker
T1

dunker
T2

dunker
T3

SERVING THE BARN



sweeper



SB30



motobrush

STORTI
DOBERMANN EV03
VERTICAL SELF PROPELLED

IN LOVE
WITH FEEDING®

PLUS

Discover our

SILAGE CUTTER ARM <

CAB <

MECHANICAL
TRANSMISSION <

TMR & MIXING <

UNLOADING <

SPEED <

OPTIONS &
FEATURES <

STORTI



SILAGE CUTTER ARM

The best performance on the market

Storti silage cutting system has always combined maximum power and performance with the delicacy required to fully respect the structure and fibre of the products to be loaded, to produce a top quality TMR.

Our R&D department has developed a set of features that allow the product to be cut, loaded and conveyed from the trench to the tank with top performance and efficiency. The FPS (Fiber PickUp System), exclusive to Dobermann self-propelled machines, allows cutting and loading

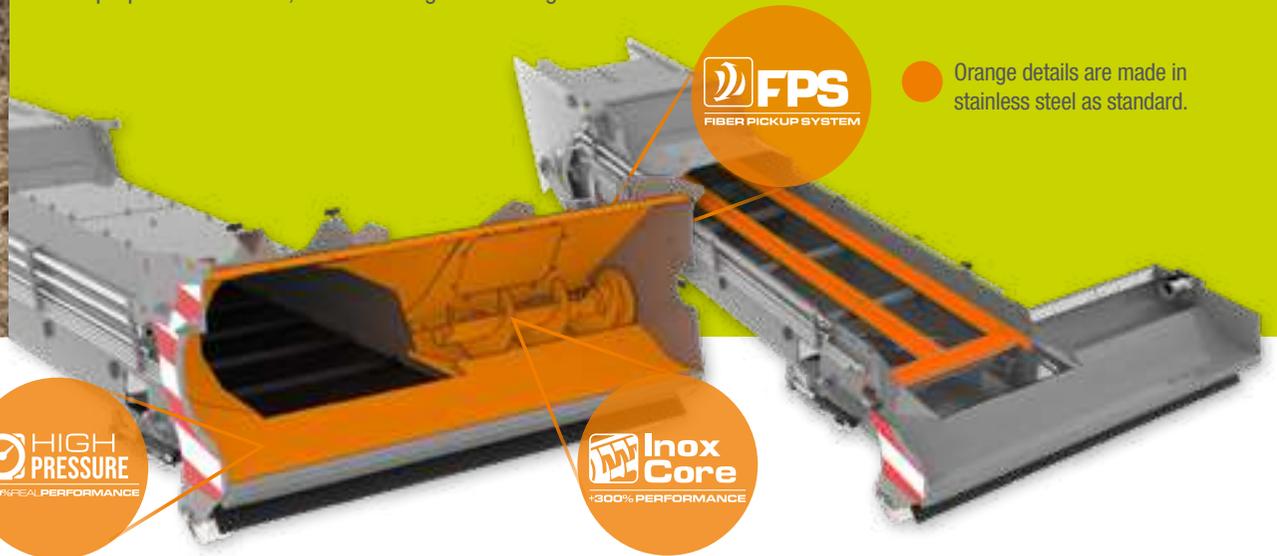
in both directions of rotation of the cutter drum. Loading efficiency is increased by the size of the channel and the speed at which the product is charged by the wide conveyor belt.

STAINLESS STEEL

Highlights of standard Storti Dobermann cutter systems:

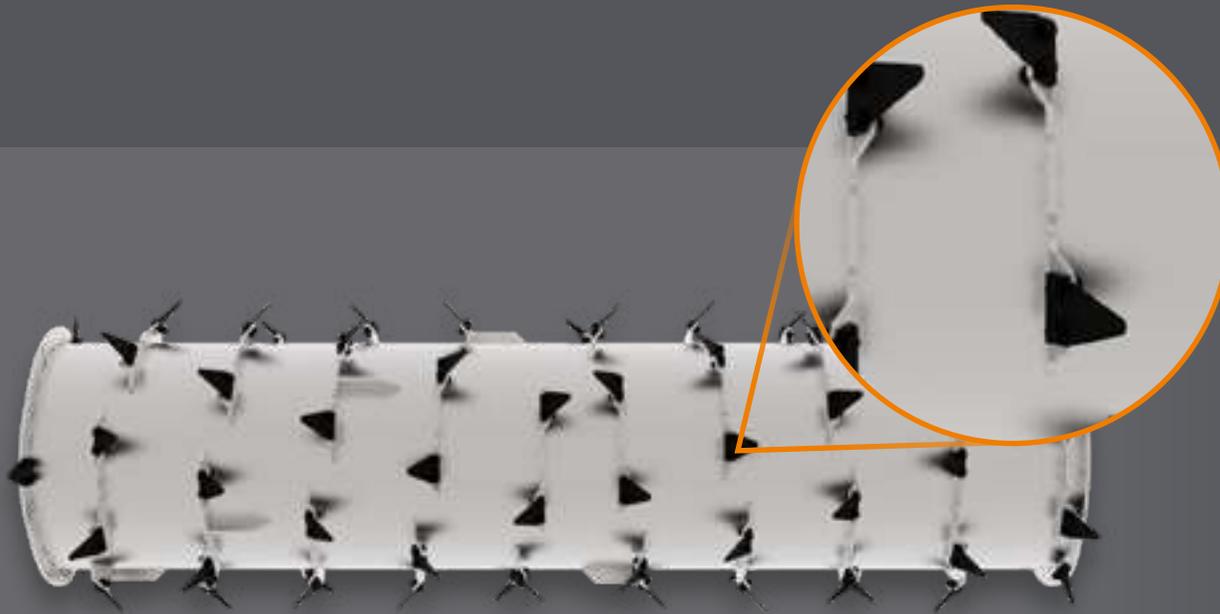
- loading channel with STAINLESS STEEL parts where the wear is high;
- STAINLESS STEEL conveyor auger;
- STAINLESS STEEL loading conveyor support stringers.

All this to maximise performance and minimise system wear, given the highly corrosive nature of the products loaded through the cutter.



Orange details are made in stainless steel as standard.

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**POWER PLUS**

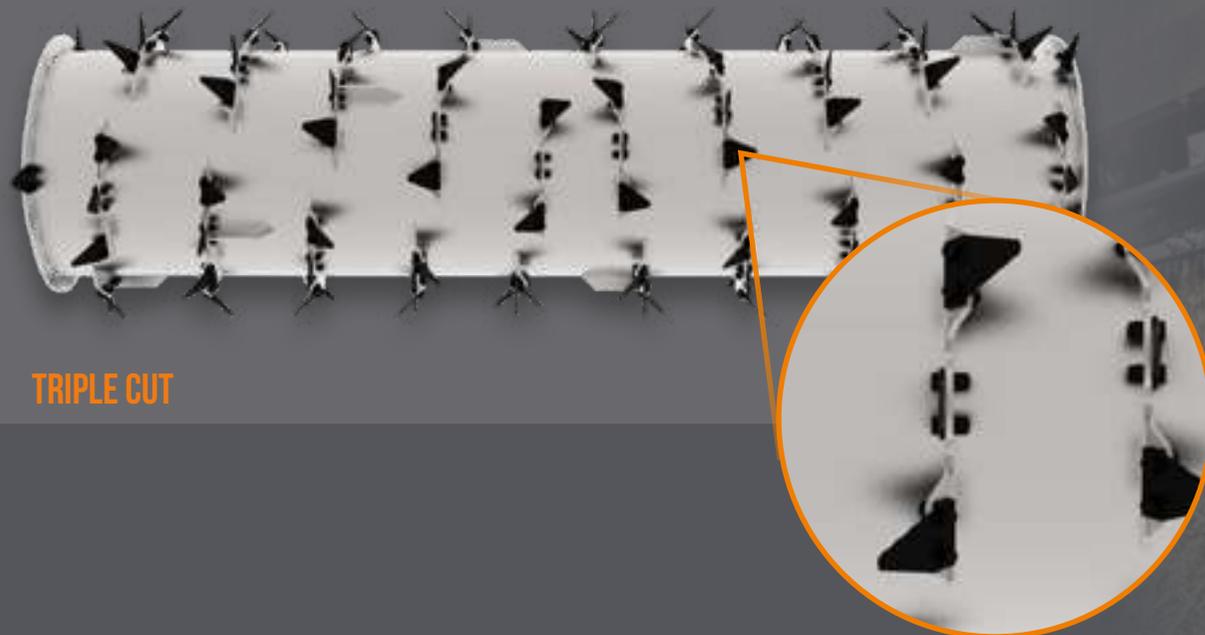
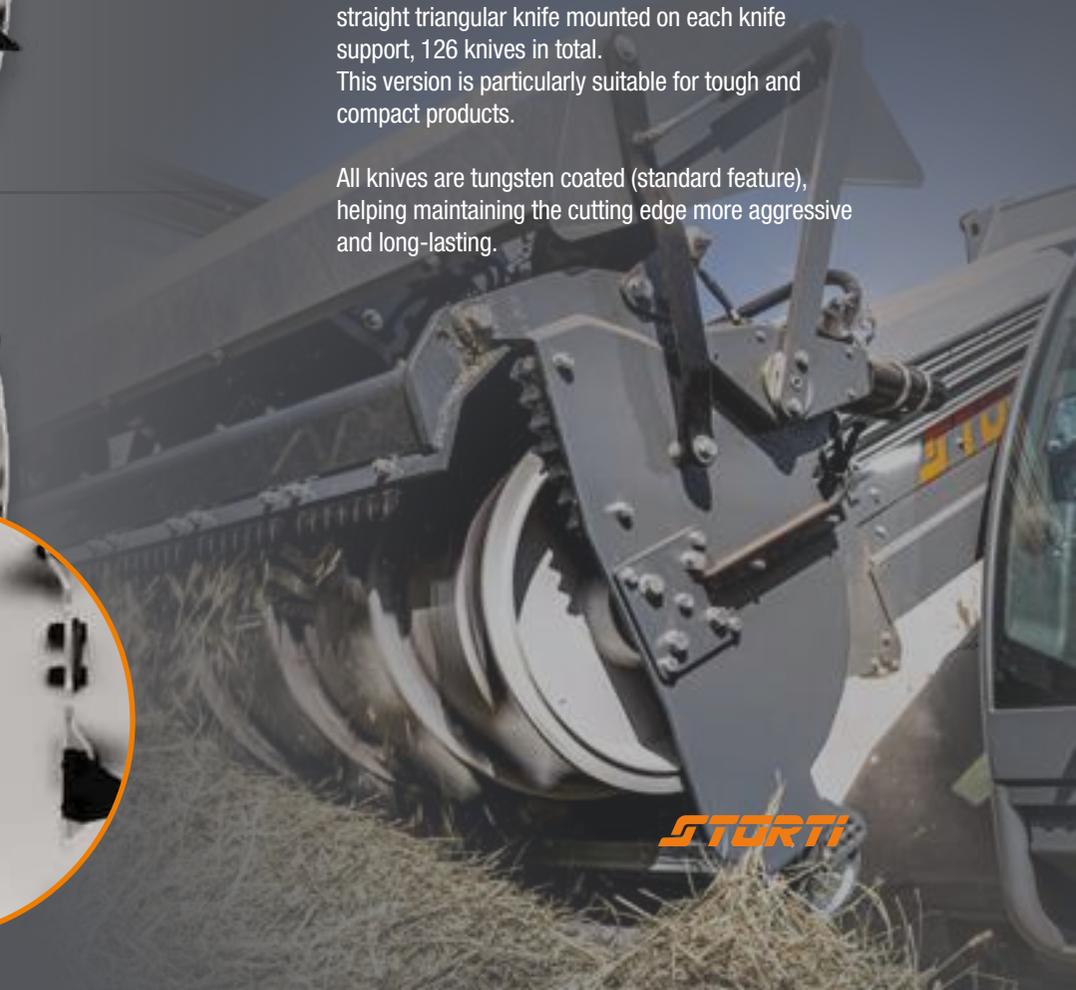
Storti offers two different silage cutter drums both with a width of 2 metres, equipped with different number and position of the knives, to adapt to all kind of material to be processed.

Power Plus silage cutter has 86 triangular knives, positioned and inclined alternatively on each knife support. This silage cutter version is versatile, adapt to process fibrous products.

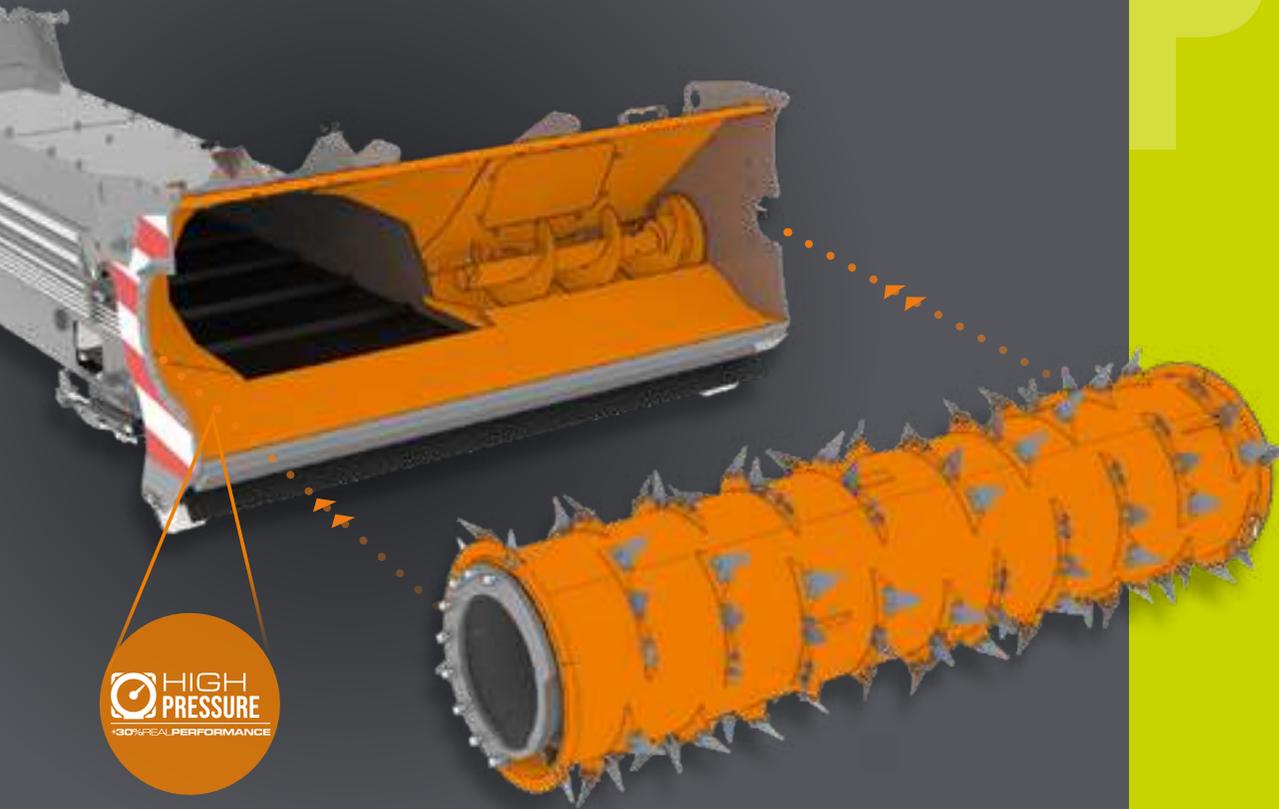
Triple Cut silage cutter is equipped with an additional straight triangular knife mounted on each knife support, 126 knives in total.

This version is particularly suitable for tough and compact products.

All knives are tungsten coated (standard feature), helping maintaining the cutting edge more aggressive and long-lasting.

**TRIPLE CUT****STORTI**

Orange details are made in stainless steel.



HIGH PRESSURE
30% REAL PERFORMANCE

STRUCTURE

The Storti Dobermann milling cutter represents the ultimate in technical know-how packed into a single system.

On the upper edge of the cutter compartment effective counter blades and a stainless steel conveyor auger help the cutter drum knives cut the milled material towards the loading conveyor, avoiding the recycling of the product that is classic for spiral shaped silage cutters.

The bonnet closure movement is hydraulic, as is the operation of the cutter arm locking system, which is particularly necessary when travelling over uneven terrain and essential for machines approved for road traffic.

Two large openings on the upper part of the cutter arm, closed by bolted covers, make the conveyor easy to inspect and speed up maintenance activities.

LOADING CHANNEL

The loading channel is the largest and most capacious on the market (over 800 mm), designed to be able to contain the large quantities of material loaded by the cutter rotor.

The structure of the sliding frame of the loading conveyor is made of stainless steel, the belt rotation rollers are of the self-cleaning cage type.

At the end of the wide loading channel there is an automatic deflector, which only opens when the cutter is being loaded, as well as a hydraulic motor to operate the belt. Along the silage cutter arm is a hatch for loading minerals and flour.

Among the various options that can be selected for the cutter arm, the belt speed regulator is particularly suitable.

**IN LOVE
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**HIGH
PRESSURE**
+30%REALPERFORMANCE

HIGH PRESSURE

MAXIMUM POWER AT 425 BAR

The new configuration of the silage cutter hydraulics system further enhances performance.

The recent revision of the Storti Dobermann milling system includes a pump and piston motor in a closed 425 bar circuit specifically dimensioned.

In order to cope with the increased work output, the motor is in the robust tilted body configuration, facing outwards from the drum, and is connected to an equally new and robust cast-iron gearbox, which directly supports the milling drum.

The motor and gearbox are mounted in a cylindrical support that is closed towards the drum to keep them clean and protected from product residues. Effective welded scrapers keep the space between the support and the drum free and clean.

The other end of the drum is supported by an oversized bearing, which is also greased and protected.

STORTI



CAB

A high-comfort control cab, equipped with heating and air conditioning, has been designed down to the smallest detail to ensure high operator efficiency during the work session and unique external visibility, as well as shock absorption thanks to renewed silent blocks.

Many elements inside make it the heart of machine control during preparation, processing and unloading.

The ergonomic seat, covered in high quality material, is designed to ensure a comfortable and correct posture; its customisable adjustment allows the seat to be adapted to individual needs.

Many options are available, from height adjustment to the pneumatic seat option. The adjustable central column is designed for easy access to control commands with maximum visibility outwards. Its positioning is strategic: all instruments can be

reached with small movements and from the working position all monitoring systems can be viewed from the front.

The joystick integrated in the armrest ensures intuitive control of the movement of the milling arm and its rotor. To ensure maximum operator comfort and safety, particular attention has been paid to the positioning and ergonomics of the pedals. On the right side of the column are the two forward pedals and on the left side the brake. Other options available to improve comfort and safety include heated mirrors, wipers with intermittent speed, cruise control for HS version, rear proximity sensors and air conditioning.

NEW DISPLAY

The EVO3 version has been developed with a new 7-inch display to manage all information related to the machine's CAN bus.

This new colour display, which offers several help screens, can receive and integrate all information, errors and alarms, alerting the operator of any information to be carried out.

Along the right side of the cab alongside the joystick are most of the buttons for managing the machine's functions and options: from the hydraulic overboost to the door controls, the speed controllers for the various belts and much more.

Directly above the first display are the weighing instrument and, if required, the multiscreen for the cameras.



JOYSTICK

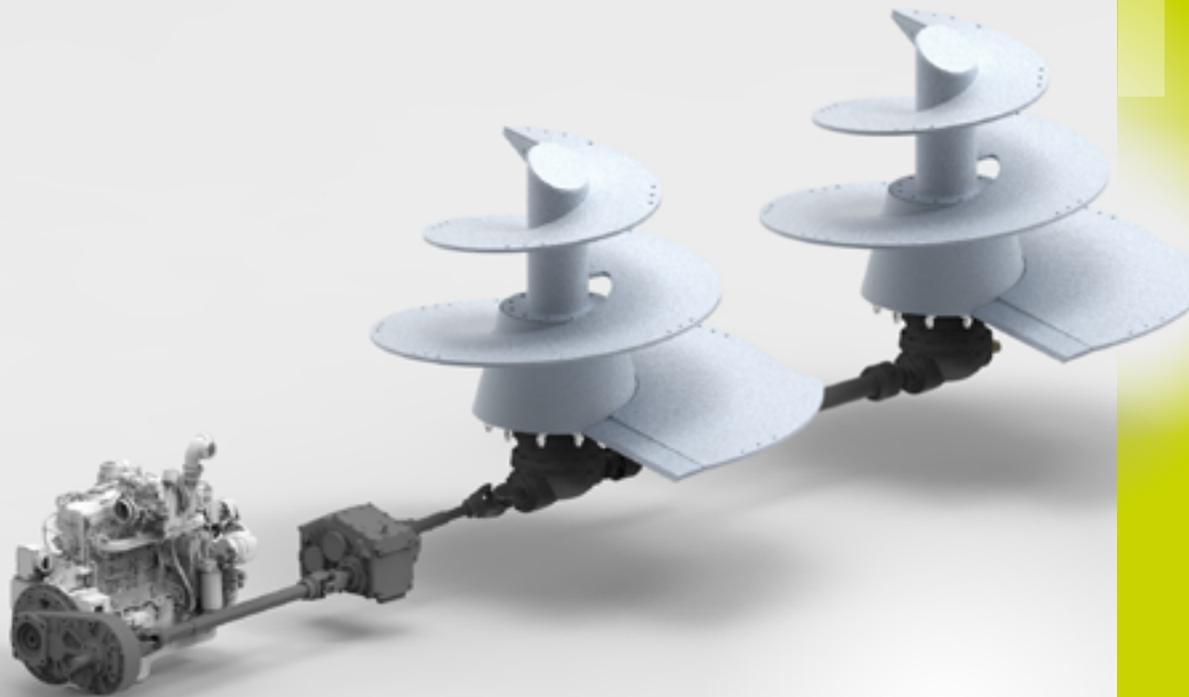
A key element in the quest for maximum machine and operator efficiency with a high level of operating comfort is the control joystick. Designed for the needs of modern livestock farming, it plays a fundamental role in improving everyday working conditions.

It is the ultimate expression of ergonomics and efficiency, strategically positioned in the armrest of the control cab. Precision, control, accessibility are the three focal points that have always accompanied the inclusion of such a modern element in the control cab.

The immediate access to operations makes the use of all controls easy and handy, accompanying the farmer in his precision performance.

7,9
lt/h

Mesured consumption as per
CUMA Normandie Ouest 2023 test.



**Mech
Drive**
STRONG & RELIABLE

MECHANICAL TRANSMISSION

The MechDrive system consists of a mechanical transmission that, from the flywheel of the endothermic engine, through an electro-hydraulic-actuated clutch, a two-speed gearbox and a series of transmission ptos activates the angular gearboxes installed directly under the mixing augers.

This particular technology, standard on the entire range of our self-propelled feed mixers, offers important advantages:

1. reduction of more than 20-25% in consumption under the same conditions;
2. considerably lower maintenance costs by not having to deal with a complex and expensive hydraulic system;
3. lower routine running costs due to longer maintenance intervals, fewer components involved and a hydraulic tank over 50% smaller than hydraulically driven machines;

MechDrive: maximum efficiency and reduced consumption

4. possibility of having the same power even after many hours of work, no overheating of the hydraulic oil, thus guaranteeing always homogeneous and precise mixing, constant working times without having to rely on forced stops to cool the circuit; less wear of the mechanical components when we know that hydraulic components, such as pumps and motors, lose their efficiency through time;
5. Storti solution, with thermal engine in a front and lowered position, guarantees unbeatable visibility for the operator in all conditions of use, both on the farm and on the road, while maintaining compact external dimensions and offering one of the best axle paces on the market. As a result our self-propelled machines offer excellent manoeuvrability, an above-average load capacity and a rear traction that is always efficient and constant.

**COST
SAVING
SYSTEM**
+35% EFFICIENCY

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WITH FEEDING**



PRE OVERBOOST

For farmers who want to complete unloading and cleaning of the mixing tank at the end of each mix Storti has developed an innovative solution called Hydraulic Overboost.

This option, when selected, allows an increase in auger speed of between 15 and 30 per cent, thus guaranteeing virtually perfect cleaning, like in machines with hydraulic transmission.

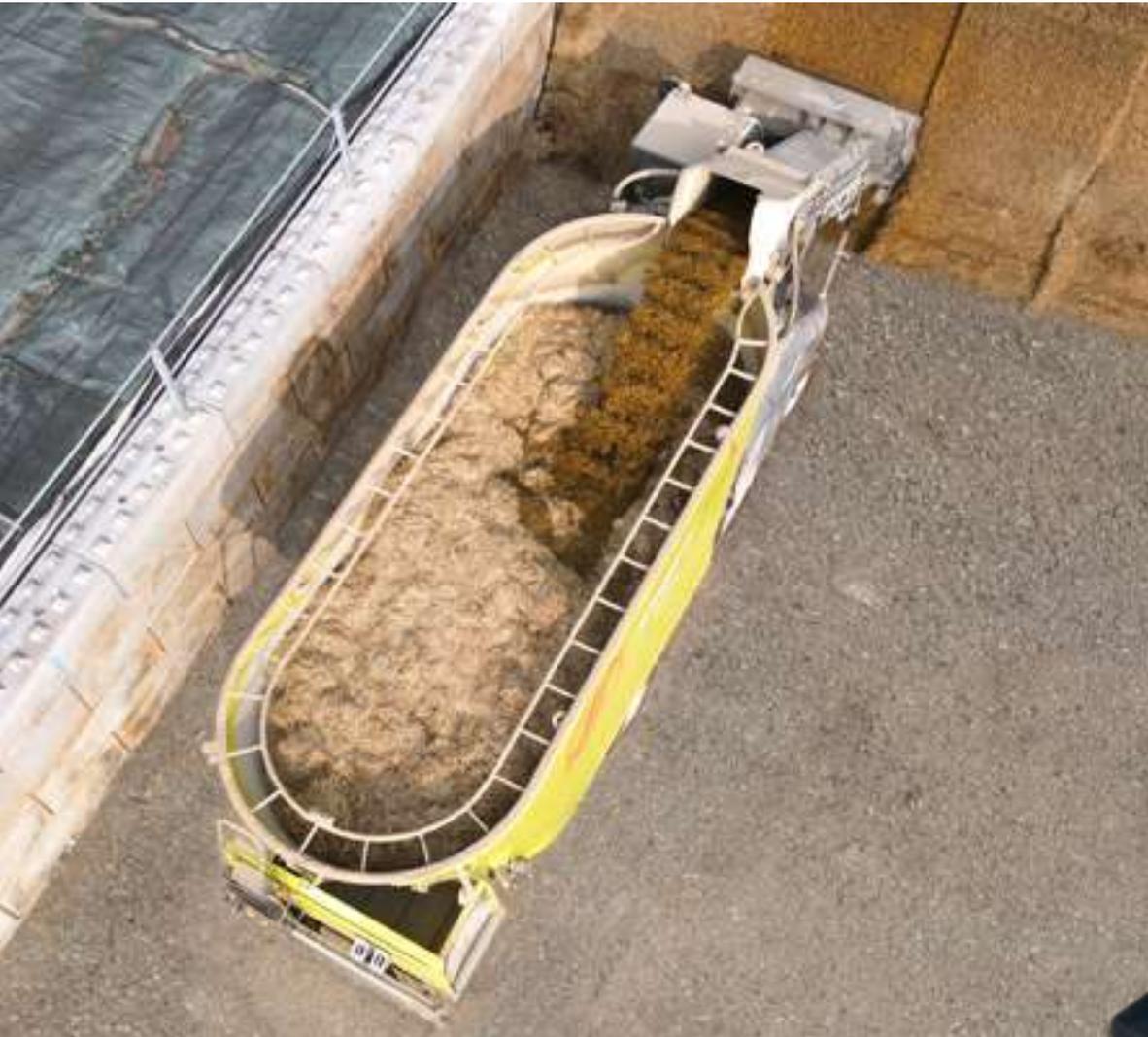


POST OVERBOOST

The system is activated by a hydraulic motor positioned after the gearbox, which once activated considerably increases the auger revolution and thus their centripetal speed, helping the product to fall from the auger spirals. Everything is activated by a button in the cab.

 **Over
Boost**
PERFECT UNLOAD

STORTI



MIXING & TMR

With 1 or 2 augers, more solutions for your needs.

The advantages of vertical mixing are:

- soft uncompressed TMR with a high degree of homogeneity;
- precise fibre cutting thanks to various knives and counter-knives solutions available, as well as different rotation speeds;
- thanks to the continuous development of the various types of calendered walls and the unique design of the augers,
- Storti feed mixers contribute to homogenous and palatable mixes;
- with capacities ranging from 13m³ up to 33m³ we offer multiple solutions for any type of livestock farming;
- the 'volcanic' flow of a Storti vertical requires less power absorption and reduces consumption.



Sabre knives
aggressive on fibers,
3 positions



Tungsten coated sabre
knives, 3 positions

**Two types of knives
for every need:**

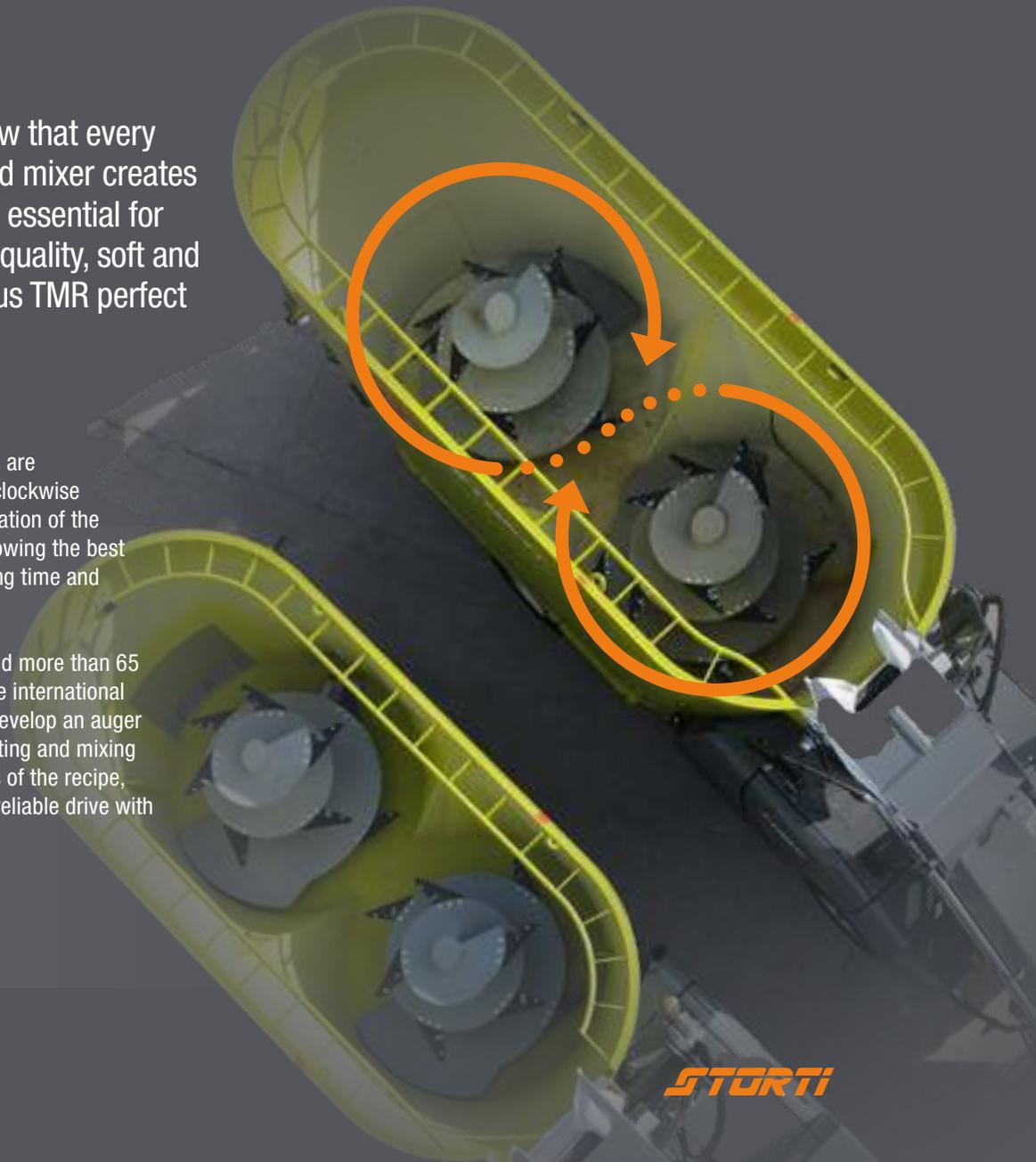
**IN LOVE
WITH FEEDING**



The 'volcanic' flow that every Storti vertical feed mixer creates inside the tank is essential for preparing a high quality, soft and well homogeneous TMR perfect to feed the herd.

All Storti vertical augers are synchronised and turn clockwise ensuring the best circulation of the TMR inside the tank allowing the best possible mixing, reducing time and consumption.

Continuous evolution and more than 65 years' experience on the international market have led us to develop an auger capable of correctly cutting and mixing the various components of the recipe, supported by a robust, reliable drive with low maintenance costs.





UNLOADING

TMR unloading is a very special and important moment. Storti has dedicated many studies and field tests to achieve the best results on the market.

Today, numerous solutions are available for every need.

Direct front or rear doors for those looking for simplicity and low maintenance, perfect for unloading on the ground.

Multiple solutions for all needs

The most advanced solution is the bilateral discharge, which comes in various forms: solutions that allow for a more constant distribution flow and the addition of various additional options such as extensions to reach troughs of different heights or the insertion of magnets.

The versions for magnet insertion are many.

From the Sprint paddle, a magnet bolted inside the tank, to the magnet fixed on the chute or at the outermost end, up to the rotary magnet, which is the most effective solution in combination with the PVC discharge belt that ensures better search for all those ferrous residues that pollute the TMR such as screws, bolts or wire.

The rotary movement of the magnetic reel within the discharge stream also further aerates the mixing, making it even more appetizing.

Discharge solutions for each requirement

VARIOUS TYPES OF UNLOADING SYSTEMS.

To meet the different needs of our customers, we at Storti have developed various solutions:

1 - adjustable belt of various sizes that can be connected to the bilateral belt or in some circumstances to a direct door;

2 - the rear bilateral conveyor can displace and thus approach the discharge lane by up to 50 cm.

Another solution is a direct door with a fixed chute.



STORTI

SV/SW

GP

LS/AS

HS



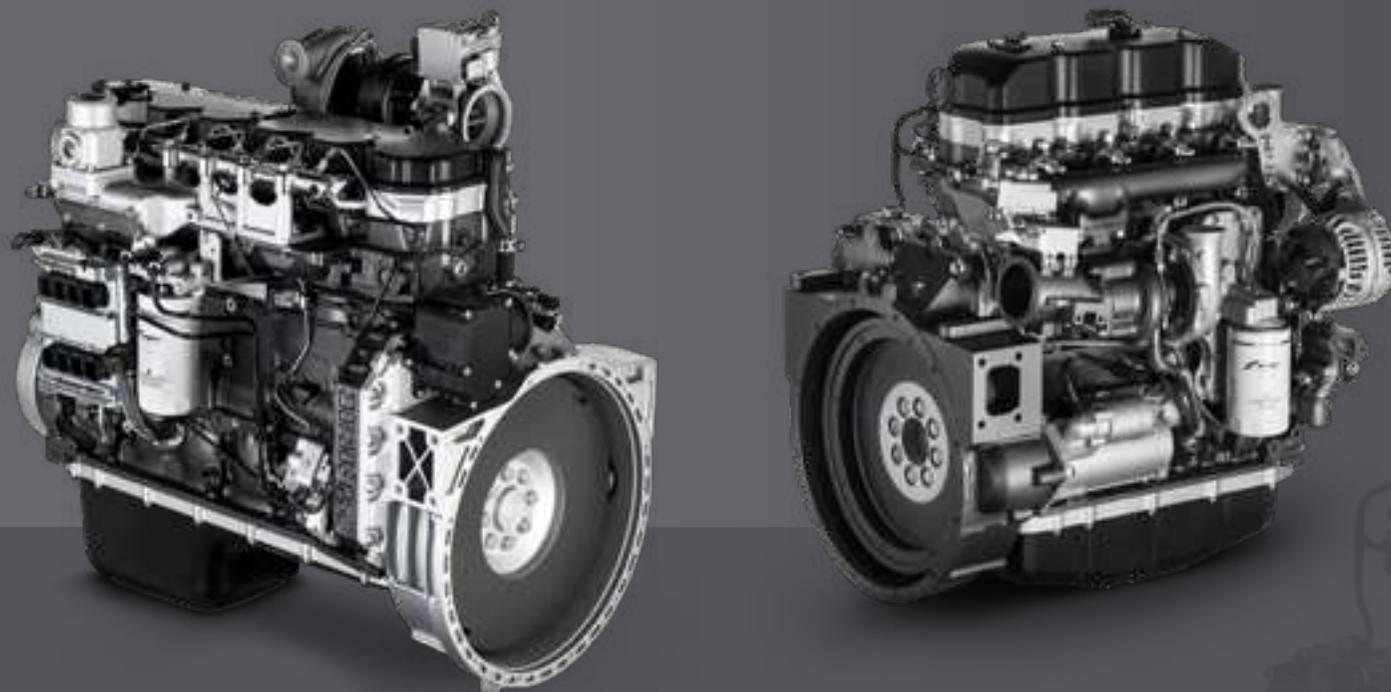
SPEED

THREE VERSIONS AVAILABLE
FOR EVERY NEED

The Dobermann EVO3 range is available in 3 different versions: LS, AS and HS. The LS version, which stands for Low Speed, is suitable for use inside the farm allows a maximum speed of 12/15 km/h; the AS version, on the other hand, allows a maximum speed of 25 km/h. Both versions are equipped with McPherson-style independent hydropneumatic suspension with disc brakes, the rear axle is rigid. The HS version can reach a maximum speed of 40 km/h and is always equipped with a rear axle with hydropneumatic suspension and disc brakes. All self-propelled machines in the Dobermann range are mounted on chassis designed and manufactured in-house to ensure maximum safety, comfort and load capacity. All Dobermann EVO3s are born with the same philosophy of a high-performance chassis developed

with reinforced H-frames to guarantee the best working conditions even in the most severe conditions (LS, AS and GP versions). For the HS, 40 km/h versions, the Dobermann SW and SW GP have also been designed to mount hydraulically suspended axles at the rear. The chassis of the Dobermann SW GP HS EVO3 version has also been designed to incorporate two innovative solutions: second liftable rear axle, second steerable rear axle. The front part of the chassis was designed and developed to mount two independent hydraulic McPherson suspensions and a solid support for the milling cutter arm.

IN LOVE
WITH FEEDING



4 or 6 cylinders, from
125 kW to 212 kW
STAGE V

FPT
POWERTRAIN TECHNOLOGIES

Dobermann self-propelled feed mixers are equipped with FPT NEF 45 or NEF 67 Series engines, from 125 kW to 212 kW of power depending on the type of machine and the customer's needs.

FPT has designed and developed the NEF Series to comply with the most demanding agricultural emissions. With over 2 million engines produced since 2001 NEF range represents the highest technological expression of FPT for agriculture, earthmoving, On Road, marine and power generation.

Thanks to the EGR-free combustion system and

HI-eSCR2 technology, NEF engines are a productivity benchmark in the segment. Further improvements in performance and efficiency have been incorporated in the new Stage V engines.

The FPT engines have been configured with a torque curve specifically for use in self-propelled feed mixers. Maximum torque is in fact already available from 1400 rpm. This ensures optimum utilisation of the available power, as well as the response to sudden peaks in demand, for example when milling tenacious and

compact products.

Specific consumption, linked to torque, also benefits from this particular calibration.

Mechanical mixing and an exclusive software used in the HS machines (40 km/h) ensure to Dobermann self-propelled the best results in its category in terms of hourly fuel consumption, reaching an absolute record of 7.9 l/h, measured and certified by independent comparative tests (CUMA Normandie Ouest report - dated 23rd November 2023).

STORTI



OPTIONS

The right solution for each specific need

Storti has collected more than 65 years of experience on the feed mixer market. Dobermann EVO3 range responds to the most varied demands, result of many years of research, development and listening to farmers' needs. Today Storti can offer many possibilities, following the needs of each individual customer thanks to a large list of options already defined and studied or through the development and implementation of dedicated solutions.

THE MILL

The mill cutting system is one of the options available for the Storti Dobermann silage cutter. Positioned along the loading channel, immediately after the cutter rotor, it comes in handy when you want to shorten the fibre length to a few centimetres, for special feeding requirements. Our mill, equipped with a system of knives and counter-knives, has the following technical features:

- hydraulic pump and motor dedicated to the mill, max speed 3300 rpm;
- mill working pressure adjustable by an in-cabin pressure gauge;
- no. 3 counterbars adjustable in 3 positions for precision cutting;

- removable anti-clogging counter-blade;
- dedicated spiral silage cutter arm (without the standard rear conveyor auger);
- reversing the direction of rotation of the mill via a button in the cab;
- high-performance bearings and high-temperature sealing rings;
- unified knives on rotor and strikers;
- hydraulically operated mill compartment opening for maintenance and cleaning;
- dedicated pressure filter and oversized oil tank;
- dedicated cooling system.

In addition to the choice of mill on the cutter, it is possible to request a hydraulic lift-up cover to keep dust as low as possible, maintaining a remarkably clean site and guaranteeing loading from above through a dedicated hydraulic opening.





MAGNETS

3 different options for searching for ferrous residues

There are various solutions we offer in case a magnet is required. The solution that can be applied inside the tank is the Sprint Paddle with a fixed, bolt-on magnet.

A further solution is the fixed magnet either mounted on the chute or at the end of the discharge conveyor. You can also decide for the most effective solution, i.e. the rotary magnet (Metal Stop - Patent Moreschi S.r.l.) available for the entire range in combination with the PVC discharge belt conveyor, which ensures a better search for and blockage of all those ferrous residues that pollute the TMR, such as screws, bolts or wire.

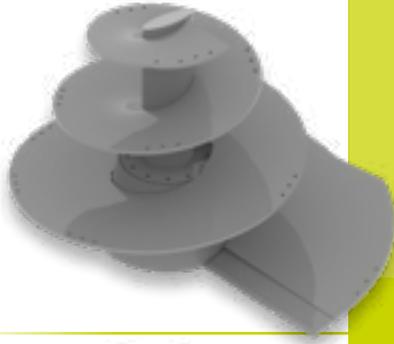
The rotary movement of the magnetic reel within the discharge stream also further aerates the mixing, making it even more appetizing.



* For the production of the images in this catalogue, some of the safety guards on the mixer wagons have been temporarily removed. We would like to remind you that for your safety and security the guards should never be removed or tampered with.

1A

- Heavy Duty standard auger

**1B**

- Stainless steel reinforcement 4mm thick, width 100 mm

**1C**

- Stainless steel reinforcement, 4 mm thick on the whole spiral

**AUGERS**

The crucial element within any machinery is the auger.

They play a fundamental role in the ration preparation process. Helical in shape, each individual auger is designed to ensure efficient and homogenous mixing of ingredients.

Driven by an angular planetary gearbox, they can be fitted individually or coupled depending on the model.

Customisable with two types of knives to suit every need, the options also range from the thickness of the spiral and the types of reinforcement, from the use of stainless steel to the size of the spiral reinforcement.

CAMERAS

Security but also efficient management and control of operations.

The cameras are strategically positioned, playing a key role in improving visibility.

The control of the surrounding area via cameras allows the operator to work safely, reducing blind spots and providing a complete overview of the manoeuvring area directly from the cab.

The mixing process is also visually controlled in real time thanks to the presence of cameras.



● Orange details are made in stainless steel.

**IN LOVE
WITH FEEDING**



S VERSION

M VERSION

L VERSION

TANKS INCLINATION

The S, M and L versions differ in the design of the tank, width of the base, inclination of the vertical walls and thus also the radius of the auger.

The S version has a narrower base, making the machine somewhat taller with the same cubic capacity.

The intermediate M version has a wider base and therefore more vertical walls to improve the flow of TMR and allow better mixing. The L version makes maximum use of the width of the base and thus of the auger radius.

SELF-LEVELLING SUSPENSIONS

The Storti Dobermann SW HS EVO3 version can be equipped with an exclusive hydropneumatics front and rear suspension system of self-levelling type (standard in the Dobermann SW GP HS EVO3 version).

The vehicle's behaviour on the road exceeds all expectations: great comfort and elimination of annoying rolling, pitching or excessive stiffness. Insertion, cornering stability and load behaviour are also improved.



STORTI ACTIVE HYDRAULIC SUSPENSIONS



STORTI HYDRAULIC SUSPENSIONS



SPRING SUSPENSIONS

STORTI



MAINTENANCE AND ACCESSIBILITY

The machines are designed to ensure easy access for maintenance operations, with each element strategically positioned within the machine.

One goal: minimise downtime to optimise machine productivity.

Easily accessible access panels, an intuitive approach and quick, accessible connections for each critical component simplify both the inspection and maintenance process.

Detailed and easily accessible accompanying documentation provides operators with quick and timely maintenance information, ensuring correct procedures and safe applications.





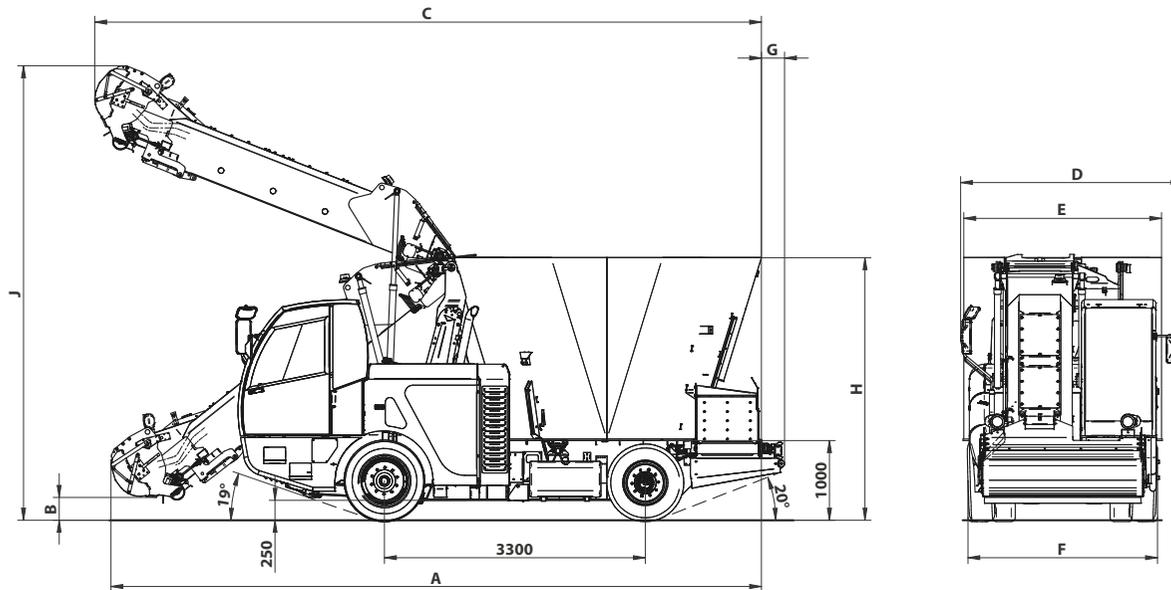
GREASING AND FAN REVERSING

Automated maintenance for improved machine efficiency

All Storti Dobermann EVO3 vertical self-propelled machines can be equipped with a greasing unit, timed and with an alarm indicator in the cab for any failure or malfunction. The system ensures adequate lubrication with an automatic greasing to many parts requiring this operation, from easy-to-reach to inaccessible parts.

For easy and comfortable daily maintenance of the system, it is possible to reverse the direction of the air flow in the water/air radiator by means of a control in the cab or by means of a timed automatic setting, in order to clean it of dust and other material that may have accumulated on the grille. A clogged radiator can increase fuel consumption significantly.

DOBERMANN SV LS EV03



TECHNICAL DATA SHEET

		A	B	C	D	E	F	G	H	J	Engine	Empty weight	Loaded weight
	m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	KW - HP	kg	kg
DB SV LS EV03 130	13	7800	400	7850	2810	2500	2390	390	2980	5060	125 - 170	11000*	18000
DB SV LS EV03 150	15	8295	280	8430	2810	2500	2390	295	3295	5600	125 - 170	11200*	18000
DB SV LS EV03 170	17	8350	280	8485	2810	2860	2390	240	3325	5600	125 - 170	11500*	18000
DB SV LS EV03 200	20	8275	390	8655	2810	2900	2390	150	3625	5700	125 - 170	11700*	18000

*Indicative weight. Empty weight varies depending on the configuration

Dobermann SV LS EV03: entry level top of the range

The SV LS version was designed specifically for small/medium businesses that need a simple and compact machine that at the same time guarantees high performance and quality.

In particular, the LS models are characterised by a maximum speed of 15 km/h and the available cubicities for this model are: 13, 15, 17 and 20 m³.

All SV models are single-axle and with the latest version and evolution EVO3, they share with AS models the same H-profile frame that guarantees high flexibility and robustness; this solution is a unique feature that distinguishes the entire Dobermann range from the self-propelled market.

This version is equipped with an FPT stage V engine, 4 cylinders 125 kW - 170hp turbo intercooler.

All cubes are born with a central rear door and a PVC bilateral belt and are equipped with a DG500 programmable weighing scale.

There are numerous options to enrich the standard equipment; among the many we mention the NIR on the milling arm as a solution for Precision Feeding, numerous different options of discharge doors with and without magnets and stainless steel extra protection.

IN LOVE
WITH FEEDING

DB SV

130

150

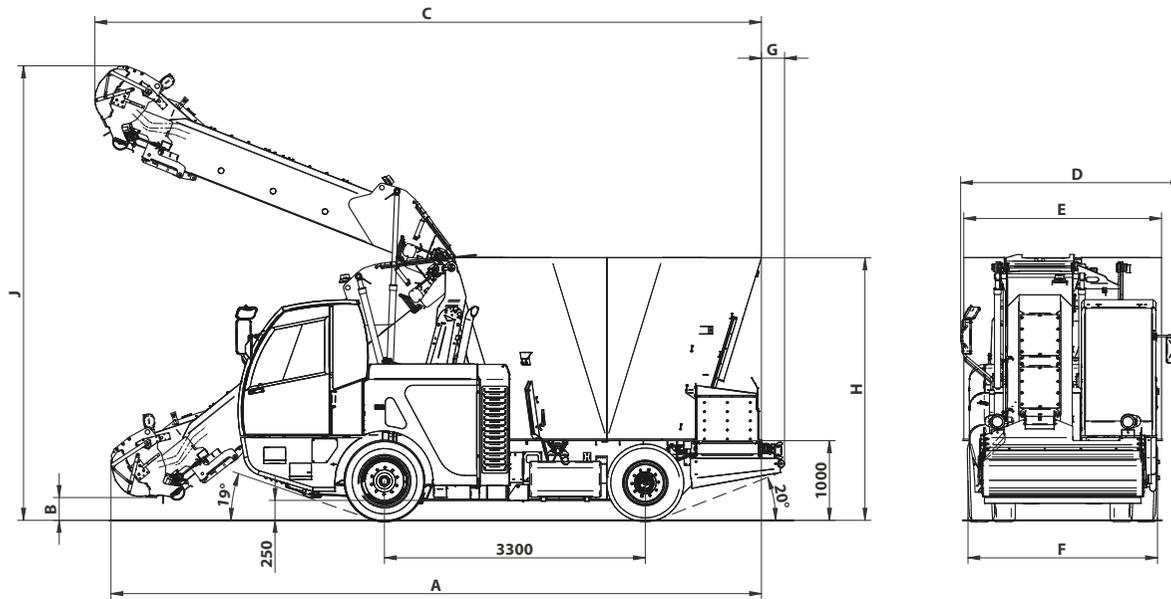
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200



STORTI

DOBERMANN SV AS EV03



TECHNICAL DATA SHEET

	A	B	C	D	E	F	G	H	J	Engine	Empty weight	Loaded weight	
m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	KW - HP	kg	kg	
DB SV AS EV03 130	13	7800	400	7850	2810	2500	2390	390	2980	5060	151 - 206	11000*	18000
DB SV AS EV03 150	15	8295	280	8430	2810	2500	2390	295	3295	5600	151 - 206	11200*	18000
DB SV AS EV03 170	17	8350	280	8485	2810	2860	2390	240	3325	5600	151 - 206	11500*	18000
DB SV AS EV03 200	20	8275	390	8655	2810	2900	2390	150	3625	5700	151 - 206	11700*	18000

*Indicative weight. Empty weight varies depending on the configuration

Dobermann SV AS EV03: the compact self-propelled machine

The SV AS version differs from the LS model because it is equipped with a 6-cylinder, 151 kW - 206 hp turbo intercooled FPT Stage V engine and is fitted with the latest version of our new 2 metre wide high-pressure silage cutter.

From the cab it is possible to operate the machine in tortoise or hare mode to reach a maximum speed of 25 km/h.

All cubes come standard with a double-sided rear discharge (2.2 m) that can be supplemented with hydraulic extensions or a translating discharge mat. Other available options include speed controllers for the loading and unloading conveyor, a mill on the silage arm for shredding dry fibre, or hydraulic overboost to increase auger revolutions to achieve complete unloading of the TMR.

IN LOVE
WITH FEEDING

DB SV

130

150

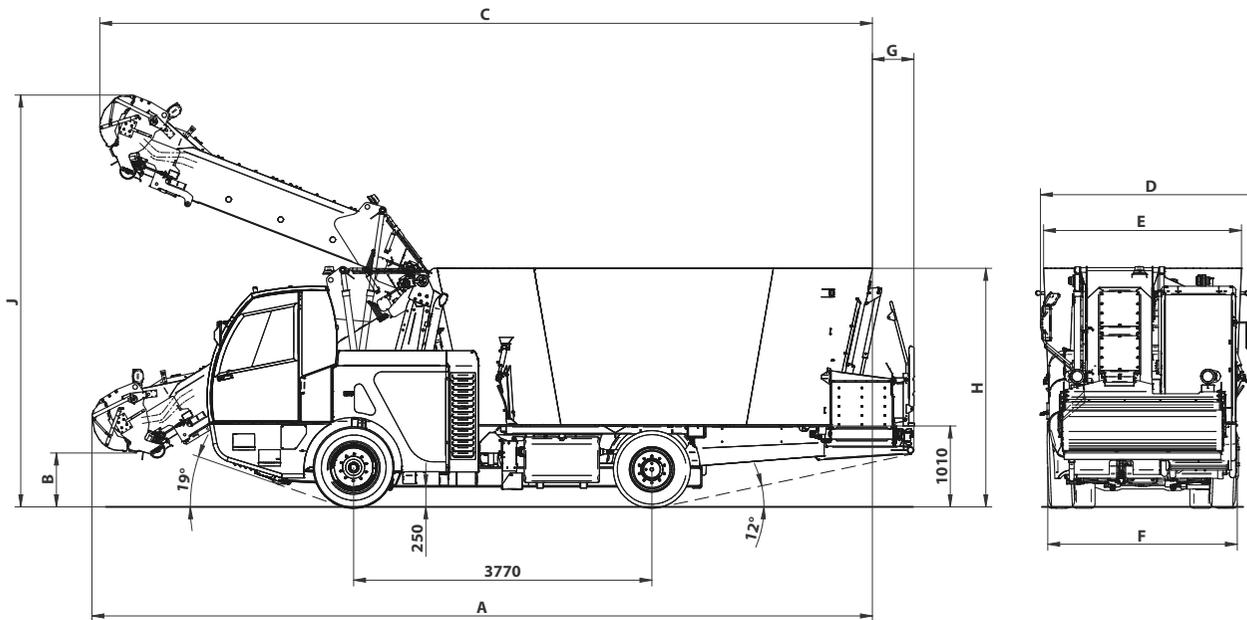
170

200



STORTI

DOBERMANN SW LS EV03



TECHNICAL DATA SHEET

		A	B	C	D	E	F	G	H	J	Engine	Empty weight	Loaded weight
	m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	kW - HP	kg	kg
DB SW LS EV03 160	16	9425	350	9300	2810	2390	2390	420	2815	5125	125 - 170	13580*	18000
DB SW LS EV03 180	18	9700	350	9575	2810	2420	2390	440	2830	5125	125 - 170	14220*	18000
DB SW LS EV03 200	20	9665	400	9705	2810	2440	2390	390	2990	5190	125 - 170	14360*	18000
DB SW LS EV03 220	22	9700	400	9740	2810	2500	2390	520	3000	5190	151 - 206	14680*	18000
DB SW LS EV03 250	25	10070	280	10275	2810	2525	2390	455	3300	5620	151 - 206	15180*	20000

*Indicative weight. Empty weight varies depending on the configuration

Dobermann SW LS EV03: the twin-auger version for in-stall use

All SW models are vertical twin-augers where both augers are synchronised with each other in a clockwise rotary motion.

The entry level of the twin-auger version, LS, is available in the 16, 18 and 20 versions with an FPT 125 kW, 170 hp 4-cylinder engine, while the larger 22 and 25 m³ models have an FPT 151 kW - 206 hp 6-cylinder engine.

All these models come standard with two rear unloading doors, one on the right and one on the left, with fixed chutes. The maximum possible speed is 15 km/h in turtle mode, and like all our Dobermanns it is equipped with a silage cutter rotor in the Power Plus version.

Options include the Triple Cut cutter rotor with three knives per segment or the option of converting the selected cutter rotor to full 4 mm thick stainless steel.

Among the various solutions to improve comfort in the cab we can suggest air conditioning, the pneumatic seat, the possibility of adding reversing sensors or a multi-screen that can be connected to up to 4 cameras at the same time.

IN LOVE
WITH FEEDING

DB SW

160

180

200

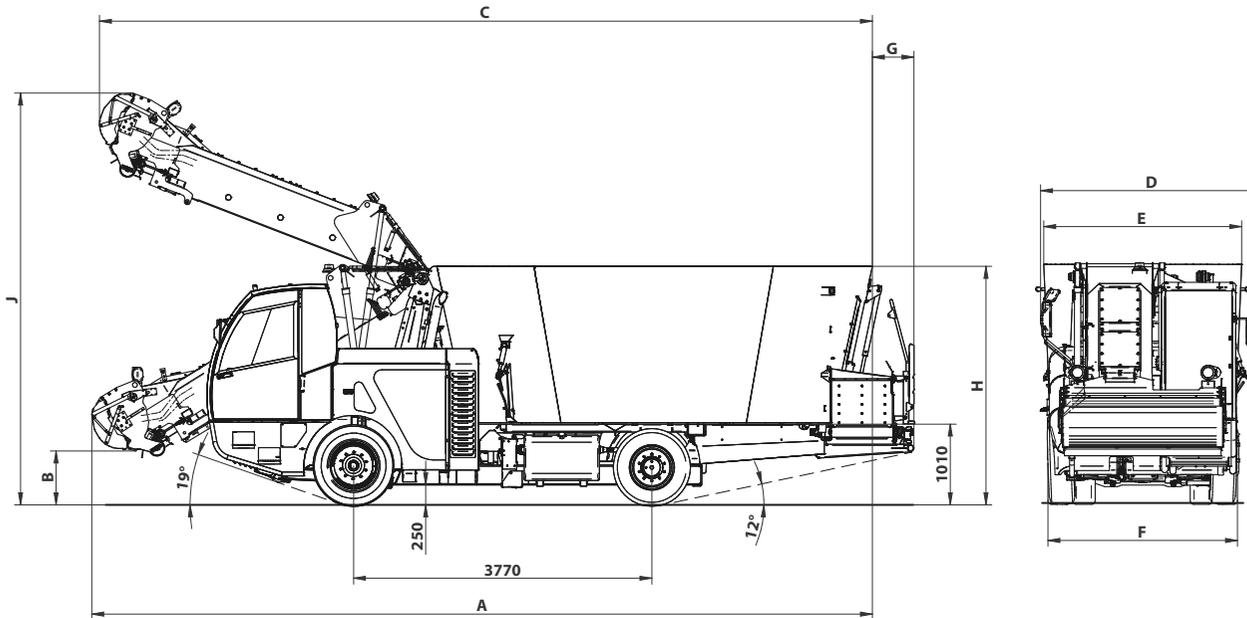
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250



STORTI

DOBERMANN SW AS EV03



TECHNICAL DATA SHEET

	A	B	C	D	E	F	G	H	J	Engine	Empty weight	Loaded weight	
m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	kW - HP	kg	kg	
DB SW AS EV03 160	16	9425	350	9300	2810	2390	2390	420	2815	5125	151 - 206	13580*	18000
DB SW AS EV03 180	18	9700	350	9575	2810	2420	2390	440	2830	5125	151 - 206	14220*	18000
DB SW AS EV03 200	20	9665	400	9705	2810	2440	2390	390	2990	5190	151 - 206	14360*	18000
DB SW AS EV03 220	22	9700	400	9740	2810	2500	2390	520	3000	5190	151 - 206	14680*	18000
DB SW AS EV03 250	25	10070	280	10275	2810	2525	2390	455	3300	5620	151 - 206	15180*	20000

*Indicative weight. Empty weight varies depending on the configuration

Dobermann SW AS EV03: the best-selling top of the range

The SW AS version differs, first and foremost, from the SW LS version in that it is fitted with the 151 kW - 206 hp 6-cylinder FPT engine on all cubes.

For those wanting more power, the same engine with 191 kW - 260 hp 6-cylinder is also available.

In addition, for this version, all cubes benefit from the same new 2 metre wide high-pressure silage cutter arm, which in tests proved to be among the best available on the market. A trademark for Storti.

All information from the engine to the various components and sensors is managed in a CAN bus system and integrated in the new 7" colour display. One of the most interesting options, given the standard unloading system with two direct rear doors, is to also be able to offer a direct front left door (for some configurations), which certainly improves direct visibility from the cab during unloading.

Other available options include remote diagnostics via GPS-GPRS connection or the possible warranty extension on the FPT engine (request dedicated information).

With reference to the FPT engine, for all Dobermanns, it is always possible to select engine water pre-heating and hydraulic oil pre-heating at 110 Volt or 220 Volt.

IN LOVE
WITH FEEDING

DB SW

160

180

200

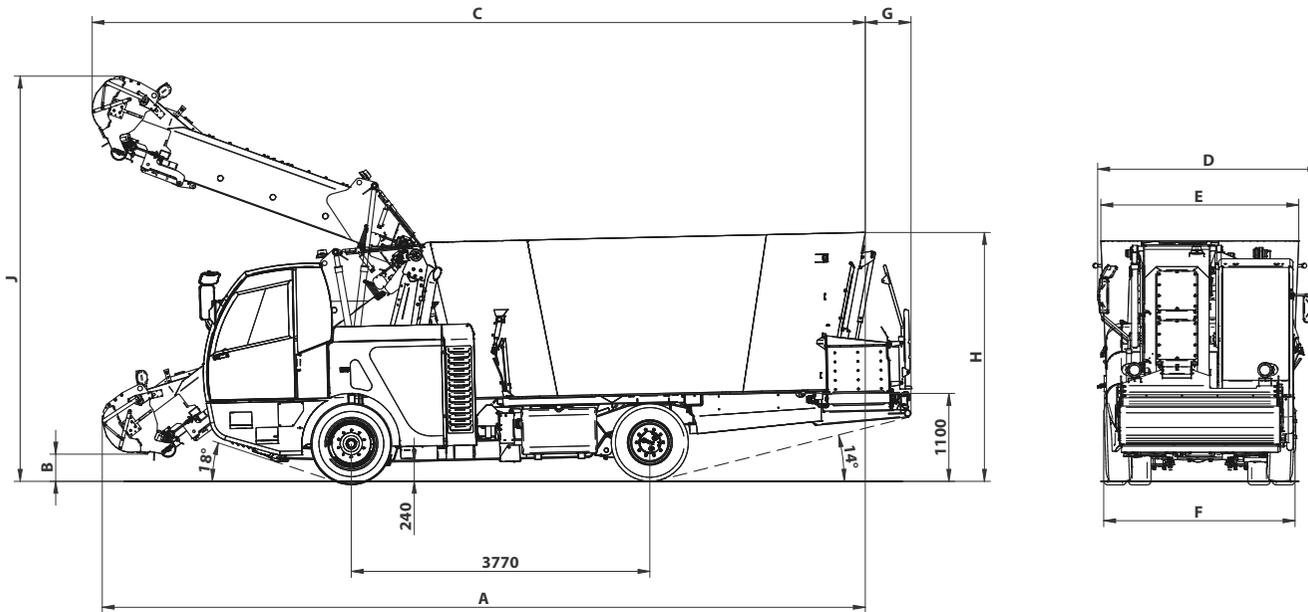
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STORTI

DOBERMANN SW HS EV03



TECHNICAL DATA SHEET

	A	B	C	D	E	F	G	H	J	Engine	Empty weight	Loaded weight	
m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	kW - HP	kg	kg	
DB SW HS EV03 160	16	9425	300	9300	2810	2390	2390	420	2915	5015	151-206	13580*	18000
DB SW HS EV03 180	18	9700	300	9575	2810	2420	2390	440	2930	5015	151-206	14220*	18000
DB SW HS EV03 200	20	9665	350	9705	2810	2400	2390	390	3090	5080	151-206	14360*	18000
DB SW HS EV03 220	22	9700	350	9740	2810	2500	2390	520	3100	5080	151-206	14680*	18000
DB SW HS EV03 250	25	10070	250	10275	2810	2525	2390	455	3400	5510	151-206	15180*	20000

*Indicative weight. Empty weight varies depending on the configuration

Dobermann SW HS EV03: the ideal solution for contractors or cooperatives

The HS versions are designed and engineered with a specific high-performance chassis and a suspended and braked rear axle that has evolved steadily over time to the point of offering a self-levelling 4-wheel suspension system as an option in collaboration with Bosch.

We were the first on the market to offer as standard an ecomode function for automotive mode, road use, which allows a reduction in consumption without altering the performance of the machine and the engine.

These versions come standard with a set of standard road and clearance lights as well as an increased diesel tank.

We would like to emphasise that all our road-approved Dobermanns are designed to travel with the arm in the low position and with the arm lock engaged, allowing excellent visibility, especially on the right side.

Numerous options are available for these special machines: we mention the cruise control, rather than the possibility of automatic greasing of the rear belt mat thanks to the automatic greasing unit.

IN LOVE
WITH FEEDING

DB SW

160

180

200

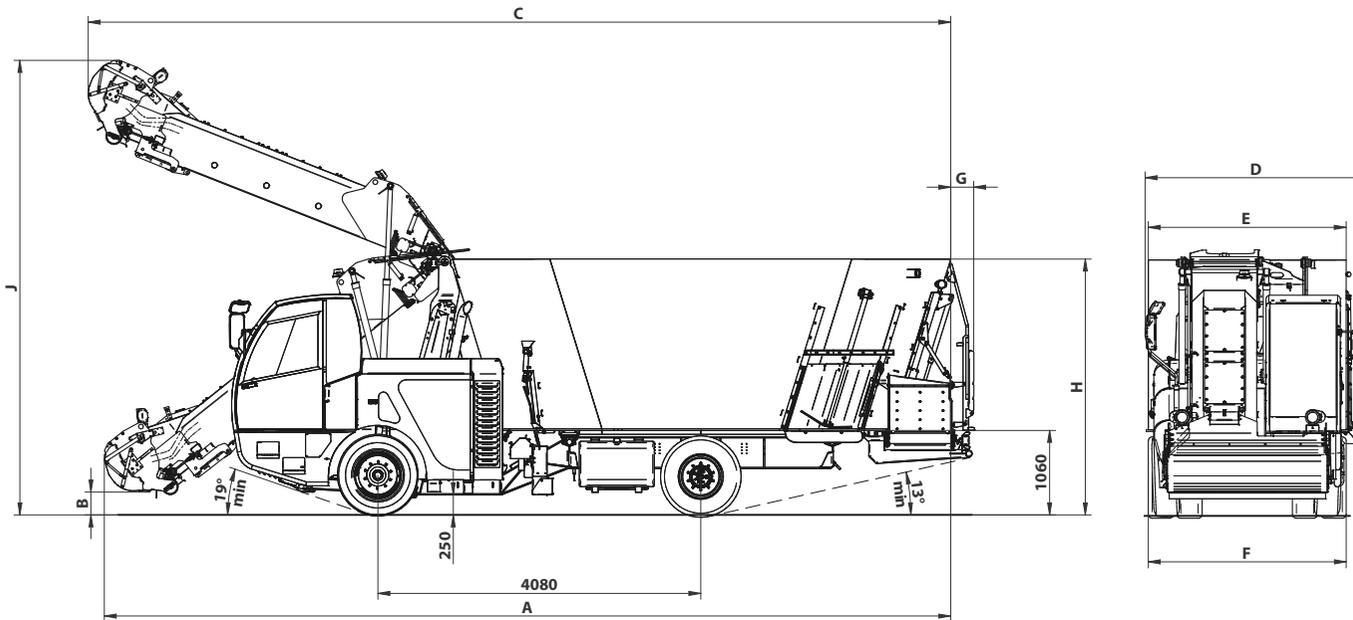
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STORTI

DOBERMANN SW GP LS EV03



TECHNICAL DATA SHEET

		A	B	C	D	E	F	G	H	J	Engine	Empty weight	Loaded weight
	m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	kW - HP	kg	kg
DB SW GP LS EV03 270	27	10700	280	10900	2930	2500	2500	290	3220	5700	191 - 260	16750*	29000
DB SW GP LS EV03 300	30	10760	280	10960	2930	2500	2500	230	3400	5700	191 - 260	16950*	29000
DB SW GP LS EV03 330	33	10830	400	11170	2930	2500	2500	160	3630	5830	191 - 260	17300*	29000

*Indicative weight. Empty weight varies depending on the configuration

Dobermann SW GP LS EV03: high capacity at 12 km/h

Storti was among the first on the market to offer high-cube heavy-duty versions over 10 years ago, and today the GP models are available in the following cubic volumes: 27, 30 and 33 m³.

The LS, AS and HS versions feature the FPT 6-cylinder Stage V 198 kW - 260 hp turbo intercooled engine and a special, dedicated H-frame to guarantee high standards of reliability and performance.

The LS version reaches 12 km/h, making it the perfect option for on-farm use while still guaranteeing maximum performance. All 3 versions, LS, AS and HS, have been designed with the rear axle placed under the body, thus guaranteeing both a high load capacity and excellent manoeuvrability given the reduced distance between the front wheels and the rear axle: they have a maximum length with the rear bilateral unloading belt option of 11 metres.

IN LOVE
WITH FEEDING

DB SW GP

270

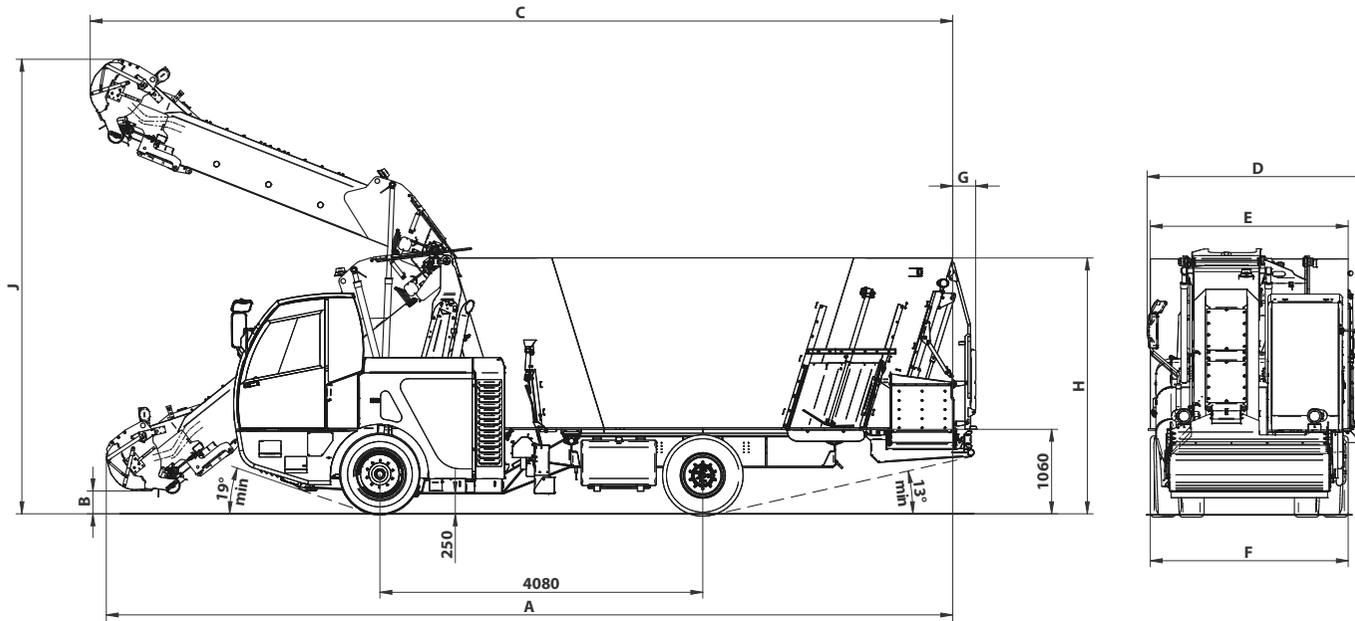
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STORTI

DOBERMANN SW GP AS EV03



TECHNICAL DATA SHEET

		A	B	C	D	E	F	G	H	J	Engine	Empty weight	Loaded weight
	m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	kW - HP	kg	kg
DB SW GP AS EV03 270	27	10700	280	10900	2930	2500	2500	290	3220	5700	191 - 260	16750*	29000
DB SW GP AS EV03 300	30	10760	280	10960	2930	2500	2500	230	3400	5700	191 - 260	16950*	29000
DB SW GP AS EV03 330	33	10830	400	11170	2930	2500	2500	160	3630	5830	191 - 260	17300*	29000

*Indicative weight. Empty weight varies depending on the configuration

Dobermann SW GP AS EV03: the ideal answer for maximum performance

This SW GP AS version allows the double possibility of travelling either at 12 km/h or up to 25 km/h in hare mode, thus guaranteeing the possibility of travelling empty on the road for short distances, provided that the homologation option is selected and the country's current regulations are complied with.

On all Dobermann SW GPs, compared to the SWs, an increased weighing system has been integrated with 4 load cells with a diameter of 73 mm compared to the basic model, which instead has 3 load cells with a diameter of 63 mm. A further difference is in the size of the rear wheels, which in the GP version are 315/70 R22.5 while in the SW versions are 275/70 R22.5.

For almost all Dobermanns and therefore also for the GP version it is possible to request as an option a hydraulic body cover to avoid wastage and spillage in the event of wind.

IN LOVE
WITH FEEDING

DB SW GP

270

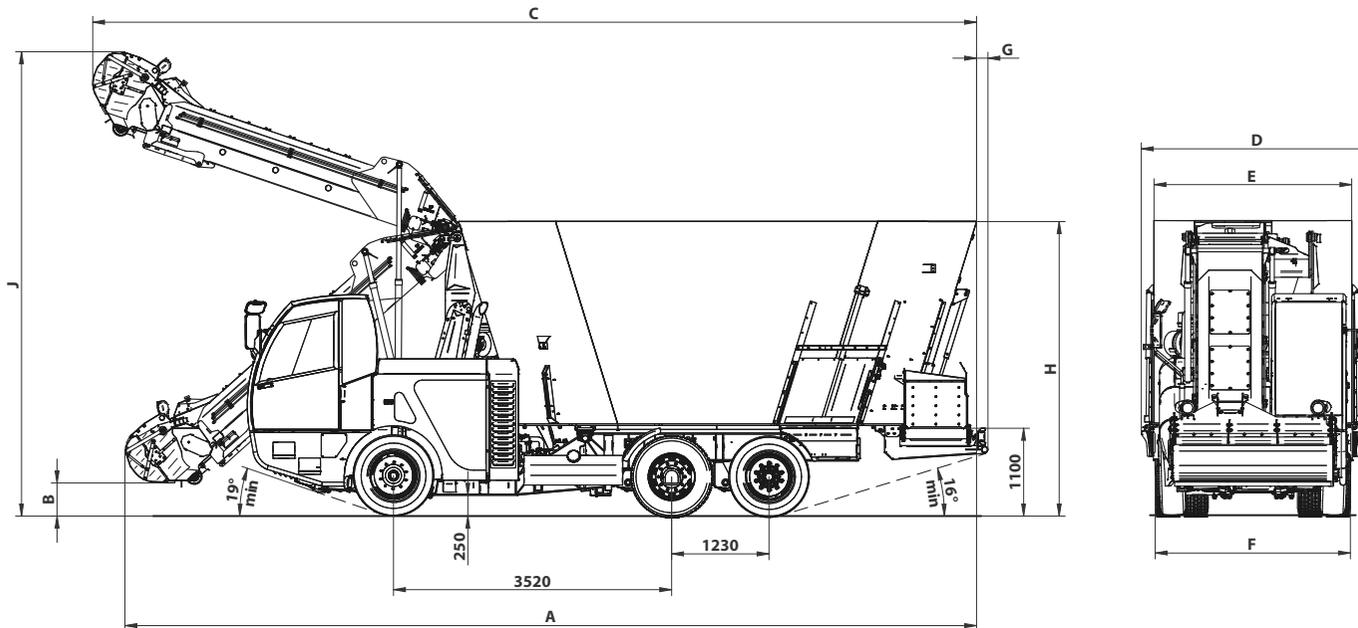
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STORTI

DOBERMANN SW GP HS EV03



TECHNICAL DATA SHEET

		A	B	C	D	E	F	G	H	J	Engine	Empty weight	Loaded weight
	m ³	mm	mm	mm	mm	mm	mm	mm	mm	mm	kW - HP	kg	kg
DB SW GP HS EV03 270	27	10690	280	10900	2930	2500	2500	290	3290	5700	191 - 260	17350*	29900**
DB SW GP HS EV03 300	30	10750	280	10960	2930	2500	2500	230	3475	5700	191 - 260	17550*	29900**
DB SW GP HS EV03 330	33	10760	400	11170	2930	2500	2500	160	3700	5830	191 - 260	17900*	29900**

*Indicative weight. Empty weight varies depending on the configuration
 **40 km/h max allowed weight

Dobermann SW GP HS EV03: the top of the top

The SW GP HS version is designed to reach 40 km/h, (completely empty) with the top of the range version, thus offering a unique model on the market to meet the demands of performance, reliability and technology.

This model available in 27, 30 and 33 m³ is equipped with a double rear axle where the last axle is self-steering, braking and automatically liftable. In addition, the machine is equipped as standard with electronically controlled self-levelling suspension and an oversized hydraulic oil cooler to ensure efficiency and high performance with intensive use. Thanks to the double rear axle, the machine also guarantees ideal weight distribution.

Among the various options available, one of the most popular is the possibility of covering the first metre of the body with a 4 mm thick layer of stainless steel (an option available for all Dobermann versions) to guarantee greater durability of the body itself, and the augers in full stainless steel or with an extra strip on the edge of the spiral.

IN LOVE
WITH FEEDING

DB SW GP

270

300

330



STORTI

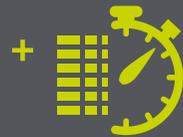
STORTI FARM TECHNOLOGY

Systems for increasingly Smart and Integrated Management

The need for greater traceability and sustainability linked to requests for data integration, KPI measurement, assessments on objective, precise and increasingly rapid data require increasingly cutting-edge and technological tools.

Storti offers several solutions for its Dobermann range such as NIR, FarmChef and DTM Cloud.

NIR PRECISION FEEDING



> REAL TIME ANALYSIS



> REAL TIME ADJUSTMENT



if you know it
you can manage it

EvoNIR analyzer developed by Dinamica Generale, measures in real time dry matter and key nutrients (protein, ADF, NDF, ash, crude fat, starch, etc). The system recalculates in real time the weight to be loaded for each component to ensure a consistent ration. All data are stored in the DTM Cloud feeding management software.

By measuring Dry Matter and other nutrient content in real time, farmers can:

- increase milk production thanks to a correct management of feeding process;
- manage of forages variability (weather conditions);
- manage of the refused level;
- improve of cows health-behaviour;

The system gives farmers complete control over their ration components.

With NIR technology, farmers can automatically adjust every TMR batch for Dry Matter in real time and easily modify nutrient variations to match nutritionist recommendations. The EvoNIR combined with Dinamica Generale precision feeding systems gives farmers the total package of tools they need to feed a precise ration on every feedout. This helps farmers become more proactive, more consistent and better managers.



IN LOVE
WITH FEEDING



DTM Data Transfer Management

The DTM Cloud is today's Cloud evolution of the Software for data management software dedicated to Precision Feeding, i.e. the Precision Management of the TMR.

The software controls and monitors multiple aspects of the feeding process, cost of the various components and

rations, stocks, ration efficiency and ration changes and also makes available much more information and data. It has been developed and improved to make it more user-friendly and usable and with constant, real-time data and information.

EXTRA

ordinary STORTI

BEYOND THE PRODUCTS

WEIGHING SYSTEMS AND ACCESSORIES

Weighing systems and accessories

Data management for accurate control of costs and feeding.

The entire range of vertical mixer wagons is equipped with a complete weighing system. The scales can be operated manually or with editable recipes from the internal programmable memory.

Feed data can be managed by cloud software that allows recipes to be transmitted, and data from runs already made can be collected to create reports in various formats.

Data exchange between the cloud/PC and the scale can take place via a USB pen drive or even via a 4G modem to transmit data wirelessly.

The scale can also be combined with an additional display, a printer or a remote weighing function control system to be installed on the telescopic handler, again to facilitate and speed up the loading of the feed mixer.







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DEALER DATA



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