

KEENAN[®]
an **Alltech** company



**20–33 m³ Vertical Auger
Self-Propelled Range**

EVOLUTION

KEENAN VA-SP RANGE

The KEENAN VA-SP machines are the latest offering in the KEENAN self-propelled range. Years of research and development have produced these robust, high-performance machines. Great focus has been placed on delivering the lowest running and maintenance costs in the industry while ensuring maximum performance.



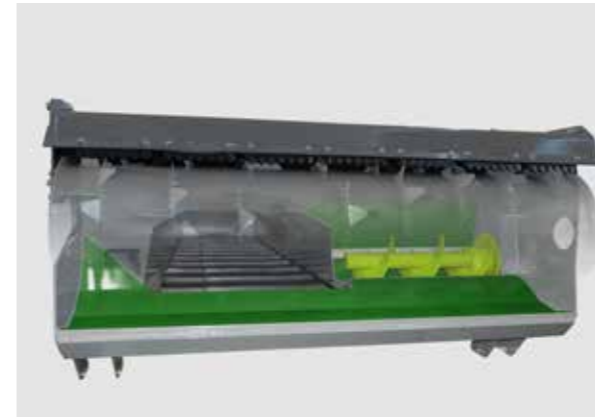
Up to 5.7m!



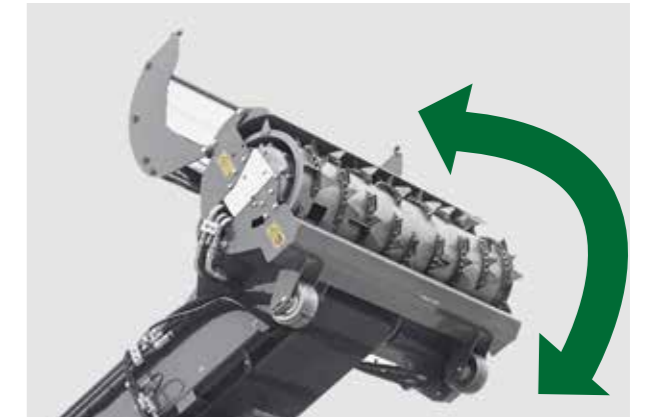
The cutter head reaches 5.7 metres, which results in impressive pit face management and significantly reduced waste.



Featuring the unique Storti FPS (fibre pick-up system), two-way loading ensures maximum forage fibre integrity even at high load capacity.



Stainless steel inserts (green) and conveyor auger (lime) to facilitate rapid, accurate loading.



The unique two-directional loading system selects the best rotation for the material to be loaded.



Milling cutter arm blocking system protects the blades when travelling by road.



Cage rollers help to keep the machine clean by preventing product accumulation.



A milling cutter arm hatch (optional) enables accurate addition of concentrates.



The hydraulic deflector helps prevent product being blown away on windy days.

The VA-SP range with up to 210 kW 285 HP 6-Cylinder FPT Tier IV Engine

Lower your operating costs and save thousands

A mechanical transmission with a dry clutch and two-speed gearbox powers the augers. The unique Over Boost feature offers a third cleaning speed to empty the tank.

During the life of the machine, the motor power to the augers is constant; unlike pumps and hydraulic motors, which may dissipate energy and become less efficient over time.

Average Consumption
13 L/h

This transmission system results in savings of at least 25% compared to a regular hydraulic transmission.



Reduce operating costs

SAVE £6,000* every 1,000 hours

*Savings calculated in 1,000 hours of work in farm use conditions and relate to fuel consumption and routine maintenance costs.



Precision Nutrition

Real-time dry matter analysis

Mounted as an optional extra on the milling head of the KEENAN VA-SP machines, the NIR (near-infrared) analyser measures, the value of moisture and key nutrients of each ingredient during the loading phase, in real time. The system then automatically recalculates the target weight of ingredients to be loaded depending on the actual level of dry matter (DM), ensuring the ration fed matches the ration formulated by the nutritionist.

- Eliminate the need for moisture tests or lab results
- Remove the risk of over- or under-feeding caused by estimates
- Have greater control over the impact of weather events

Measure, monitor and manage feed efficiency

Synced with the InTouch feed management system, the KEENAN controller allows you to easily measure, monitor and manage feed accuracy and efficiency, herd performance, feed costs, dry matter intake and refusals.

The KEENAN controller gives clear guidance on the loading order and quantity of ingredients to be loaded, ensuring an optimum and consistent ration, every time. Up to 99 individual diets can be pre-programmed into the controller, facilitating the effective preparation of rations and the management of large groups of different animals.

Instant revolutions and AutoStop:

- Prevents over- and under-processing of ration ingredients
- Ensures a consistent TMR in every load
- Delivers a balanced ration with every bite of feed



Automated data sharing

Communicate ration changes made within the InTouch feed management system directly to the farm.

Simplifies communication between the farm manager, machine operator and trusted advisors.

Reduces time delays and labour required when implementing ration changes.



Providing enhanced ration management, the InTouch feed management system:

- Audits KEENAN machine performance
- Measures daily feed efficiency and over 20 key performance indicators (KPIs)
- Transfers real-time data relating to loading accuracy and mixing revolutions
- Provides accurate control of feed costs, dry matter intake and refusals
- Gives detailed graphs and reports on ingredients used, feed costs, herd productivity and feeding accuracy to optimise accurate management of animal feed inventory on-farm





Unrivalled Operator Comfort

Feedback from customers has led to the development of our next-generation cab, which has unique operator comfort features.

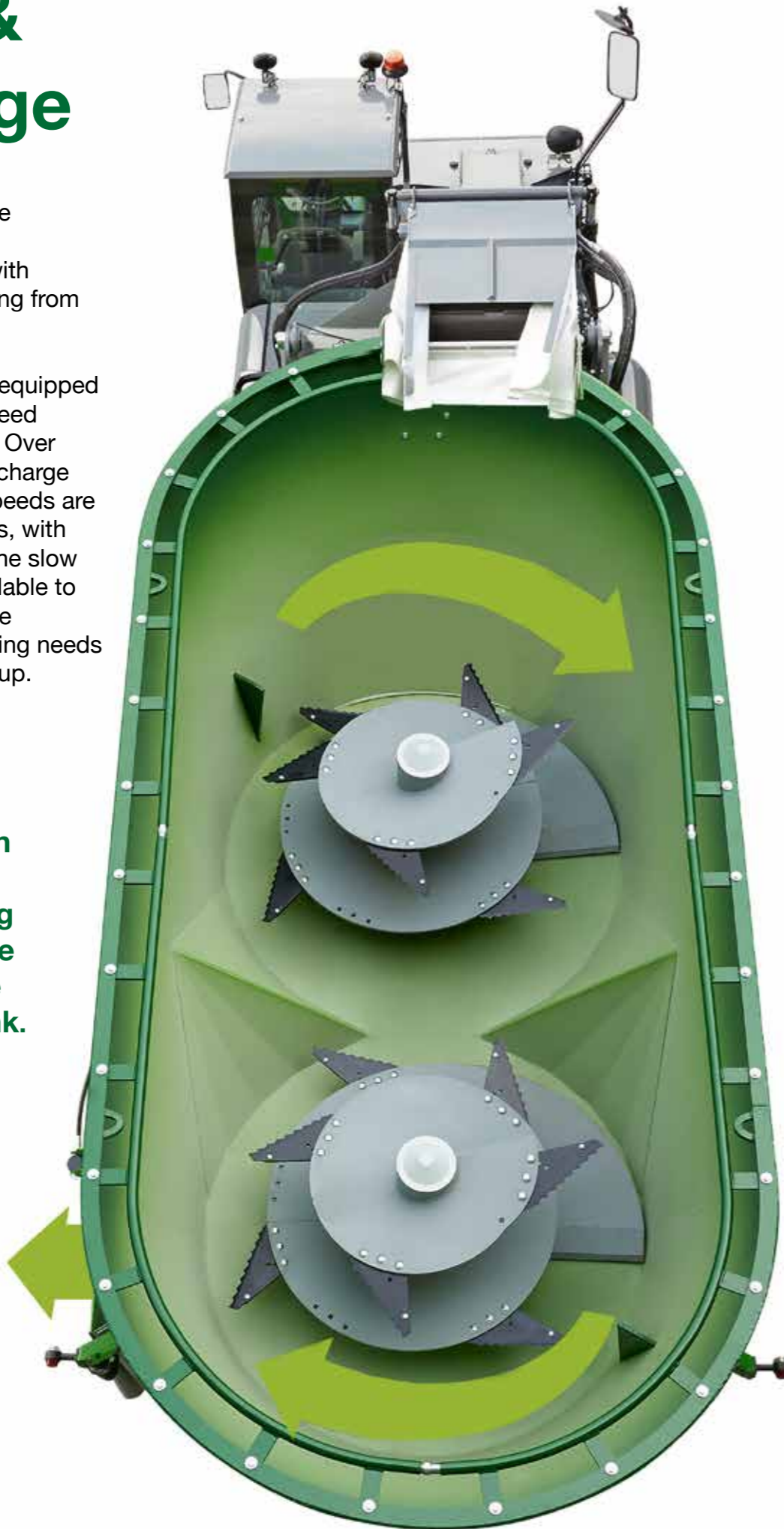
Our cab features a unique central column, integrated armrest joystick, easily accessible controls, a choice of seats, enhanced visibility and much more to ensure maximum comfort and ease of use.

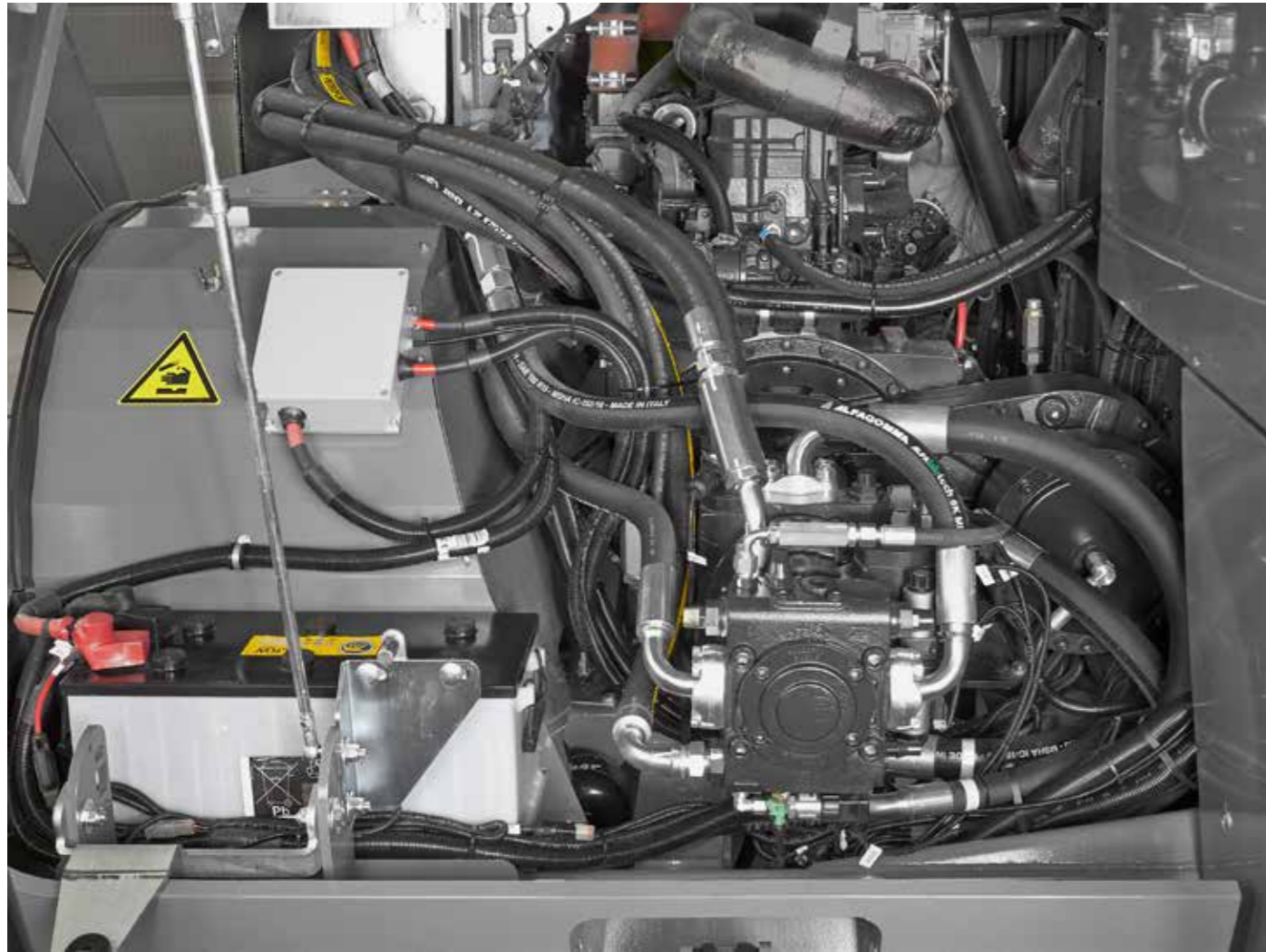
Mixing & Discharge

The KEENAN VA-SP range offers the customer extraordinary versatility, with twin-auger capacity ranging from 20–33 m³.

The VA-SP machines are equipped with an automatic two-speed gearbox coupled with the Over Boost function for the discharge phase. In addition, the speeds are especially configurable, as, with standard gear reducers, the slow and fast versions are available to adapt each machine to the particular cutting and mixing needs of the individual farm set-up.

The innovative Over Boost function speeds up rotation of the augers during the discharge phase to ensure complete emptying of the tank.





Engine

Our KEENAN VA-SP machines are equipped with NEF-FPT Tier IV Final Turbo Intercooler engines:

20–25 m³ models feature an FPT 151 kW / 206 HP 4-cylinder engine.

Larger GP 27–33 m³ models have an FPT 210 kW / 285 HP 6-cylinder engine.

All engines are set at 2.200 RPM to minimise fuel consumption while increasing the life span of the motor and machine components, as well as reducing maintenance and noise.



27–33 m³ GP Models

The GP range, specifically designed for large farms that require high performance with significant savings in terms of time and labour, has been enhanced with a 40 km/h (High-Speed) version (25 km/h version is standard) with two rear axles developed for customers that need to move quickly with large loads.

GP models are equipped with components for heavy-duty use:

- Reinforced chassis and rear axle
- Gear reducers for high flow rates
- Industrial-spec gearboxes and driveshafts



Optional Extras



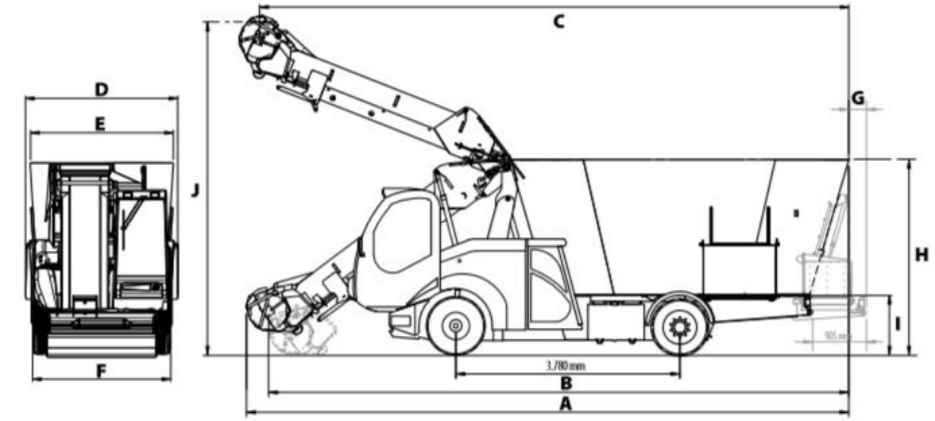
LED worklights



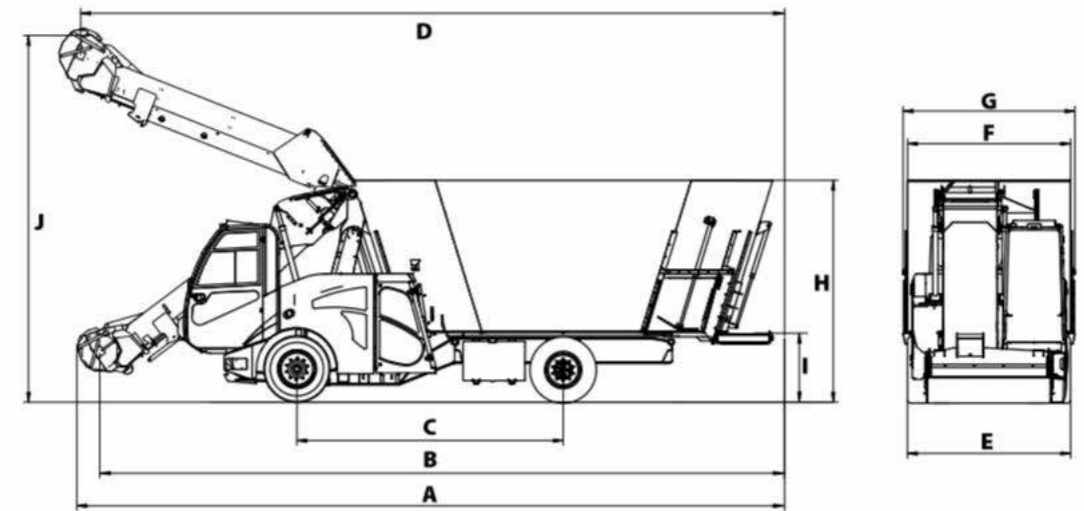
Pneumatic seat



Camera and beacon



Volume	Version	Speed	Engine	A	B	C	D	E	F	G	H	I	J	
	m3	Km/h	kW-HP	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
VA-SP 20	20	LS	15	125-170	6,665	9,380	9,310	2,640	2,440	2,390	390	2,990	1,010	5,190
		AS	25	151-206								3,060	1,060	
		HS	40	151-206								3,060	1,060	
VA-SP 22	22	AS	25	151-206	9,710	9,450	9,319	2,640	2,500	2,390	520	3,000	1,010	5,190
		HS	40	151-206								3,070	1,060	
VA-SP 25	25	LS	15	151-206	10,150	9,860	9,970	2,640	2,500	2,390	295	3,300	1,010	5,620
		AS	25	151-206										



Volume	Version	Speed	Engine	A	B	C	D	E	F	G	H	I	J	
	m3	Km/h	kW-HP	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
VA-SP 27	27	LS	15	210-285	11,060	10,690	4,090	10,835	2,500	2,500	2,730	3,230	1,050	5,620
		AS	25	210-285	11,020	10,670		10,920	2,590			3,340	1,070	
		HS	40	210-285	11,020	10,670		10,920	2,590			3,340	1,070	
VA-SP 30	30	LS	15	210-285	11,060	10,690	4,090	10,835	2,500	2,500	2,730	3,400	1,050	5,620
		AS	25	210-285	11,020	10,670		10,920	2,590			3,410	1,070	
		HS	40	210-285	11,020	10,670		10,920	2,590			3,410	1,070	
VA-SP 33	33	LS	15	210-285	11,060	10,690	4,090	11,005	2,500	2,500	2,730	3,630	1,050	5,700
		AS	25	210-285	10,860	10,500		11,090	2,590			3,630	1,070	
		HS	40	210-285	10,860	10,500		11,090	2,590			3,630	1,070	

* Weights vary depending on specifications.

KEENAN Guard

Extended Warranty

KEENAN Guard extended warranty plans are available for new and used self-propelled machines and are designed to give you added peace of mind after your base warranty has expired.

Major component failures can be costly, inconvenient and disruptive. With zero excess, our flexible warranty plans enable you to forecast and manage costs, ensure reliability and improve the resale value of your machine.



Peace of mind



Flexible options



Fixed cost of ownership



Transferable protection



Improved resale value

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