

KEENAN[®]
an **Altech** company

MechFiber345SP

DESIGN
INNOVATION
PERFORMANCE





The new KEENAN MechFiber345SP self propelled diet feeder:

- Consistently delivering the patented KEENAN MechFiber mix, with a capacity of 16 cubic metres to meet the requirements of farms of all sizes
- Heavy duty sealed oil bath drive system
- Featuring exclusive Storti mechanical transmission, reducing fuel consumption by up to 25 percent
- Cutter head designed and tested to ensure protection of forage structure for optimum mix quality
- Ultimate in operator comfort and control with twin video cameras and in-cab monitor for visibility, climate control (optional) and pneumatic seat
- Reduced noise and running costs
- Left and right front discharge via adjustable conveyor for homogeneous distribution of total mixed ration (TMR)
- Available with the new InTouch controller, providing the optimum in TMR management and feed efficiency



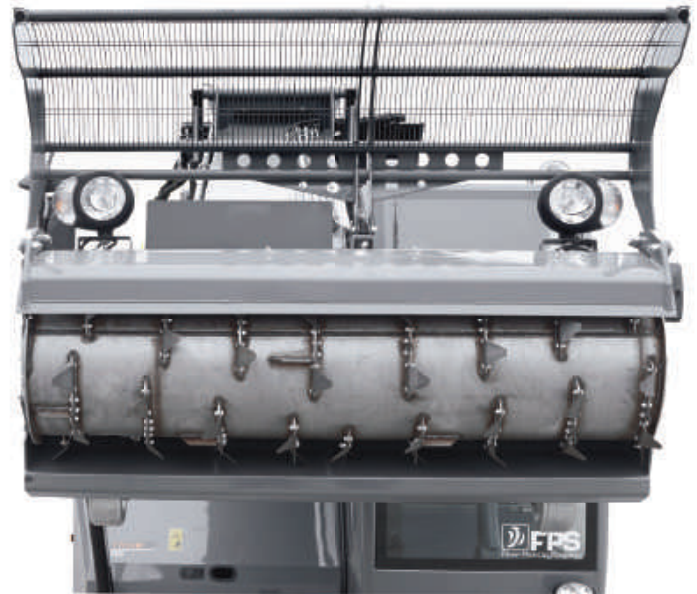
CLASS – LEADING CUTTER HEAD TECHNOLOGY

The cutter head on the KEENAN MechFiber345SP has been engineered to deliver rapid loading of a vast number of products (grass silage, hay, waxy maize, pulp, pellets, flour, square or round bales of straw or hay, etc.) leaving a clean, uniform face for optimum clamp management.

The tungsten-coated blades feature a unique crossed arrangement, performing clean cuts without damaging the structure of the fibre, even with very compact silages.

SPEED. PRECISION. VERSATILITY

The unique placement of the blades and configuration of the loading channel allows the cutter head to load in both directions, and easily run in reverse if needed. The high speed loading belt delivers a significantly reduced mix preparation time.



OPERATING SYSTEM – CLEVER DESIGN & EASE OF MAINTENANCE

Features mechanical drive to the six-paddle reel. This exclusive engineering system, by means of a specially designed gearbox and PTO shaft, transfers all the power from the engine to the mixing system, thus reducing fuel consumption (by up to 25 percent) as well as reducing maintenance costs.

Since there is no hydraulic pump and motor, the risk of expensive replacements and/or downtime is reduced. The drive to the mixer paddle is performed by means of a specially designed hydraulic clutch activated by an electric button situated in the cabin. The operator is free to start and stop the mixing system at any time.



PROVEN PERFORMANCE BENEFITS

Brand	Silage fiber destruction			Loading hay (large bale format)				Engine Rpm
	Average length from the silo (mm)	Average length from the inlet belt (mm)	Destruction (mm)	Destruction (%)	Load (400kg)	Time in "min"	Flow t/min	
Mutti	9	8.01	0.71	8.14%	415	7'33	55	2500
Faresin	9.3	8.2	1.1	11.83%	410	3'39	112	2000
Kuhn	9.74	8.67	1.07	10.99%	400	2'01	198	2500
Taarup Kverneland	8.89	8.08	0.81	9.11%	400	4'08	97	2000
Sgariboldi	9.4	8.7	0.7	7.45%	410	7'28	55	1800
Rmh	9.23	7.92	1.31	14.19%	410	1'50	224	1750
Storti	9.14	8.76	0.38	4.16%	420	1'15	336	1800

Extensive testing at the INRA centre in France in 2012 has demonstrated the ability of the Storti designed cutter head and loading arm to outperform the competition in the following areas.

- 50 - 200 percent less silage fibre destruction
- Up to six times faster loading
- Highly efficient engine RPM to reduce fuel usage

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