

KEENAN[®]

an **Altech** company

Professional Mixing Equipment for Industrial Applications



About KEENAN

Established in 1978, and headquartered in Borris, Co. Carlow, KEENAN has earned a particularly strong reputation for manufacturing quality mixer wagons for agricultural applications using the latest cutting - edge designs. With four decades of manufacturing experience, the company has used this expertise in mixing technology to extend its product offering, with the introduction of a range of mixing equipment for industrial applications.

Stainless Steel RM Range of Blenders - Accurate Mixing of Micro Ingredients

Developed in conjunction with Alltech, KEENAN RM blenders ensure accurate mixing of a range of products from fine powdered materials to coarse ground ingredients. With each blender being custom designed and built by a skilled team of engineers, the KEENAN RM range can be adapted to effectively suit a wide range of industrial applications.



KEENAN RM100	KEENAN RM500	KEENAN RM1000
Stainless steel AISI-316	Stainless steel AISI-316	Stainless steel AISI-316
Mixing drum capacity - 220 litres	Mixing drum capacity - 800 litres	Mixing drum capacity - 2000 litres
Mix weight - 25 to 100 Kgs	Mix weight - 50 to 500 Kgs	Mix weight - 300 to 1000 Kgs
7.5 kilowatt (kW) motor with output speed of 54 revolutions per minute (RPM)	22 kilowatt (kW) motor with output speed of 49 revolutions per minute (RPM)	30 kilowatt (Kw) motor with output speed of 49 revolutions per minute (RPM)
Critical control point 5mm sieve/screen for loading	Critical control point 5mm sieve/screen for Loading	Critical control point, 5mm sieve/screen for Loading
Manually operated inlet lid with full length pneumatically controlled cover for ease of access to inside of chamber for inspection and cleaning	Pneumatic operating hinging top cover with safety switch and dust seals	Pneumatic operated hinging top cover with safety switch and dust seals
Full length bomb door for complete clean out	Full length bomb door for complete clean out	Full length bomb door for complete clean out
Vibration system to aid clean out	Vibration system to aid clean out	Vibration system to aid clean out
Discharge hopper unit with manual valve for bagging unit (bagging unit specification to be advised)	Discharge hopper unit with auger feed up to the bagging unit (bagging unit specification to be advised)	Discharge hopper unit with auger feed up to the bagging unit (bagging unit specification to be advised)

The above are standard specifications, machines can be customised to suit individual requirements.

KEENAN ProMix

The KEENAN ProMix is an industrial machine developed for high throughput industrial applications, and incorporates patented mixing, control and management technologies. Preserving the original KEENAN philosophy of simplicity in design and ease of use and maintenance, the KEENAN ProMix has the flexibility to be built for a wide range of applications.

The design features of the KEENAN ProMix with high gearing and low revolutions per minute (RPM) ensures a low power requirement, helping to keep running costs low. Gentle mixing using the patented paddle design ensures delicate ingredients maintain their structure and a homogeneous blend is guaranteed in each load. A central greasing point serves to lubricate all key drive components, and ensures the machine is correctly maintained at all times, delivering a long working life.



Included as Standard

- Central greasing for ease of maintenance
- Diamond chain for the most demanding of applications
- Oil bath or auto oiler (model dependent) ensures reduced maintenance and extended working life
- Hardened body liner
- Full length tray allowing rapid discharge and full clean out

Customised Options

- Maintenance contract plans
- Trailed chassis to allow for mobility where necessary
- Range of feed out elevators
- Heavy duty blades and bale processor for handling fibrous materials
- Various weighing and report management options
- Linking with ancillary plant equipment

Case Study – Alltech Turkey

Using a KEENAN ProMix, in combination with a locally sourced vacuum bagging unit, Alltech Turkey established a total mixed ration (TMR) bagging plant in 2017. Forages such as wheat straw and alfalfa are mixed with concentrates and a variety of Alltech ingredients to produce seven different Alltech Blueprint blends. These blends are vacuum packed in 30kg bags and provide local farmers with an opportunity to get access to a high quality TMR for their dairy and beef herds.

Weighing and Control Technology

Depending on requirements, the KEENAN range of industrial mixers have the ability to be fitted with a wide range of weighing and control technology, from basic weigh scale monitors to the recently launched InTouch controller, offering a unique range of features to deliver highly accurate operations of the plant.

The New InTouch Controller

- Pre - program required ingredients using the latest in cloud software technology
- Generation of reports to monitor loading accuracy
- Accurately monitor stock and ingredient levels
- Proactive advice on service and machine wear - reduced downtime
- Background cloud sync - Data will be transferred and received after completion of every load. Real-time InTouch feedback.
- 8 inch colour display for the clearest display in both bright and dull conditions



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