

# KEENAN<sup>®</sup>

Feeding Solutions  
Handcrafted in Ireland

Proven by farmers to deliver  
more output from less feed





**“This is a story about two great Irish, globally-minded companies coming together”**

Alltech® acquired KEENAN® in April of 2016. Speaking at the announcement of the acquisition Alltech founder and CEO Dr. Pearse Lyons stated “Between Alltech’s primacy in science and KEENAN’s manufacturing strength and technological know-how, we have a winning combination for delivering greater farm efficiency and profitability direct to our farming customers”

#### About KEENAN

Established in 1978, KEENAN is a respected leader in ethical and profitable farming solutions, focused on maximising feed efficiency. Over the course of nearly four decades in business, we have earned a particularly strong reputation for manufacturing quality mixer wagons with cutting-edge designs.

At KEENAN we interpret data for more than 1,000,000 cows from close to 10,000 farms in 25 countries around the world, representing one of the world’s largest field databases on dairy feed efficiency.

A keen advocate for environmental sustainability, we have developed a range of solutions to enable farmers to overcome agricultural production challenges, improve rumen health and feed efficiency.

#### About Alltech

Founded in 1980 by Irish entrepreneur and scientist Dr. Pearse Lyons, Alltech improves the health and performance of people, animals and plants through nutrition and scientific innovation. With nearly 100 manufacturing sites globally, Alltech is the leading producer and processor of yeast and organic trace minerals, and its flagship algae production facility in Kentucky is one of only two of its kind in the world.

The company’s guiding ACE principle seeks to develop solutions that are safe for the Animal, Consumer and the Environment and is actively supported by close to 5,000 team members worldwide.

Headquartered just outside of Lexington, Kentucky, USA, Alltech has a strong presence in all regions of the world. *For further information, visit [www.alltech.com](http://www.alltech.com)*



*From left: Gerry Giggins, Dr. Pearse Lyons & Cathal Gibbons*



*A highly manoeuvrable machine designed for the smaller sized operation.*

### MechFiber270

Height: 2,684mm (105.5")  
Width: 2,534mm (100")  
Horsepower: 70 HP

### MechFiber270 BaleBlend

Height: 2,719mm (108")  
Width: 2,618mm (103")  
Horsepower: 70 HP



*Specifically designed for farms with buildings offering limited access for a conventional sized mixer.*

### MechFiber300

Height: 2,685mm (105.5")  
Width: 2,464mm (97")  
Horsepower: 80 HP

### MechFiber300 BaleBlend

Height: 2,785mm (109.5")  
Width: 2,464mm (97")  
Horsepower: 80 HP



*It can feed over 1400mm (56") feed barriers and can be easily adapted for rear feed out in narrower feed passages.*

### MechFiber320

Height: 2,812mm (110.5")  
Width: 2,534mm (100")  
Horsepower: 80 HP

### MechFiber320 BaleBlend

Height: 2,874mm (113")  
Width: 2,618mm (103")  
Horsepower: 80 HP



*The MechFiber340 has a similar 'footprint' to the MechFiber320 but with it's deeper body and repositioned cross auger, delivers higher capacity.*

## MechFiber340

Height: 2,936mm (115.5")  
Width: 2,646mm (104")  
Horsepower: 90 HP

## MechFiber340 BaleBlend

Height: 3,061mm (120.5")  
Width: 2,646mm (104")  
Horsepower: 90 HP

## MechFiber370

Height: 3,218mm (126.5")  
Width: 2,847mm (112")  
Horsepower: 110 HP

## MechFiber370 BaleBlend

Height: 3,280mm (129")  
Width: 2,847mm (112")  
Horsepower: 110 HP



*Capable of feeding over barriers of 1449mm (57") high without the need for elevators.*



*With its higher auger position, feeding into high troughs or barriers is done with ease.*

## MechFiber350

Height: 3,112mm (122.5")  
Width: 2,847mm (112")  
Horsepower: 90 HP

## MechFiber350 BaleBlend

Height: 3,174mm (125")  
Width: 2,847mm (112")  
Horsepower: 90 HP

## MechFiber380

Height: 3,200mm (126")  
Width: 2,800mm (110")  
Horsepower: 115 HP

## MechFiber380 BaleBlend

Height: 3,340mm (131.5")  
Width: 2,800mm (110")  
Horsepower: 115 HP



*Designed for the farm that wants to feed large numbers of animals in a short period of time.*



*Has the ability to feed large numbers of livestock with a single load and it is capable of working under the toughest of conditions.*

## MechFiber360

Height: 3,005mm (118")  
Width: 2,697mm (106")  
Horsepower: 110 HP

## MechFiber360 BaleBlend

Height: 3,142mm (123.5")  
Width: 2,697mm (106")  
Horsepower: 110 HP

## MechFiber400

Height: 3,380mm (133")  
Width: 3,000mm (118")  
Horsepower: 120 HP

## MechFiber400 BaleBlend

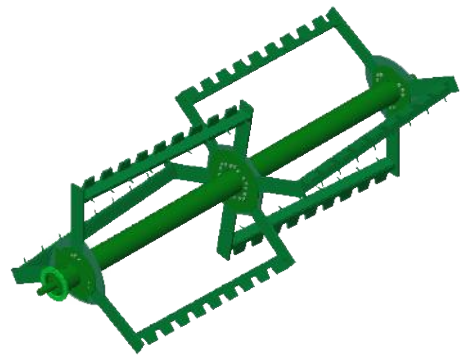
Height: 3,520mm (138.5")  
Width: 3,000mm (118")  
Horsepower: 120 HP



*For the larger operator requiring higher work rates, higher capacity, durability and trouble free operation.*

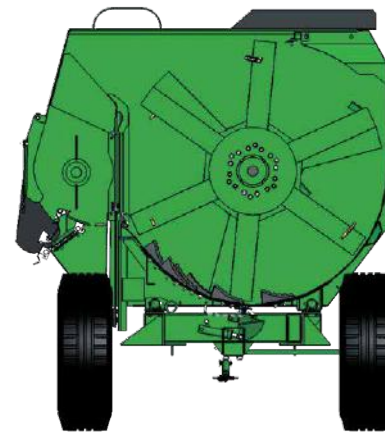


# KEENAN<sup>®</sup> Features

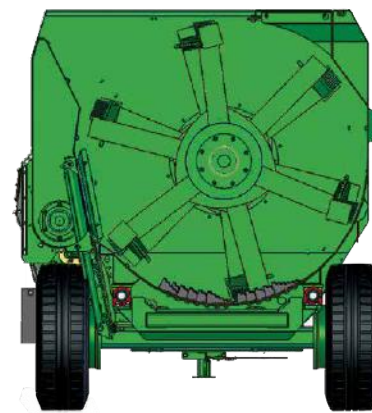


## Paddle System

- 6 angled paddles give end to end mixing, ensuring a constant tumbling action - mixes small loads accurately
- Evenly spaced to reduce peaks in power requirements and aid an even feed-out
- Fixed clearance widths between paddles and blades ensure material is chopped to optimum lengths



High auger



Low auger

## Two Chamber System

- Unique two chamber design with a Variable Feed Control (VFC) door that separates chambers during mixing
- Sealed mixing chambers allow for addition of liquids to regulate ration dry matter
- Full length auger in feed-out chamber ensures a consistent rate of discharge during emptying
- High feed-out auger allows for feeding over barriers
- Lower feed-out auger allows for a faster discharge of material towards end of emptying



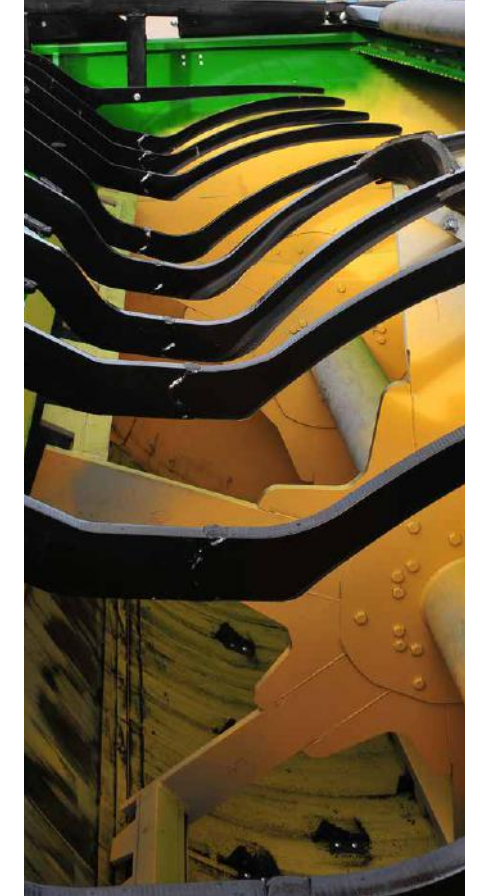
## Simple Drive System

- Simple design with 2 chains and externally mounted bearings
- MechFiber380/400 use a heavy duty drive line with oil-bath to ensure longevity for high-end users
- No gearbox required due to low power requirement of machine
- Low power requirement and low tractor running speed means low fuel usage (up to 50% lower)



## Chopping Mechanism

- Castellated paddles cross stationary blades ensuring correct chop length
- Serrated top knife gives initial chop to longer and bulkier material during loading
- Chopping mechanism designed to ensure no damage to the fibre content of forages



## BaleBlend

- Cranked bale cradle and heavy duty serrated top knife allows bale to be chopped faster
- Even and consistent intake of material
- Reduced chopping time with the addition of extra knives in the floor of the machine



Heavy Duty Body Blade



Magnets



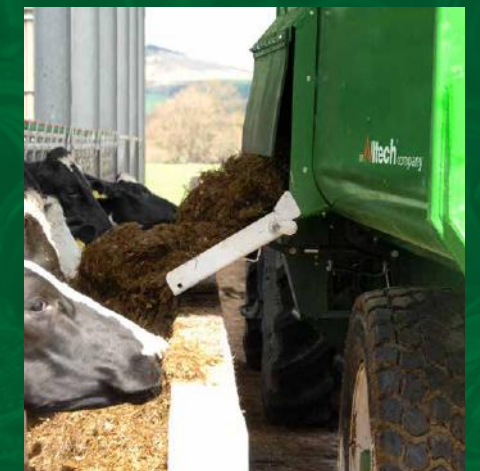
Heavy Duty Top Knives



Rear Feed Out Conveyor



Automatic Oiler



Fold Down Tray

Alternative  
Available Options



