

REDROCK

Vari-Cut Mixer Feeders

REDROCK

Machinery Ltd



Vari-Cut Mixer Feeders

(16m³ to 30m³ Capacity)

**Designed to Perform,
Built to Last.**



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VARI-CUT MIXER FEEDERS

The Redrock range of Vari-cut mixer feeders are recognised throughout Ireland, Great Britain and Europe for their reliability of performance, build strength and quality of discharge.

Advantages of the total mix ration method of feeding.

All forages, grains, protein supplements, vitamins and minerals are thoroughly mixed. Therefore the animals are not able to select individual ingredients and must eat the very important, but less tasty roughage, along with the rest of the ration.

Completely blended feeds, coupled with carefully grouped cows, allow greater flexibility and accuracy, feeding exactly the recommended amounts of nutrient to animals at the particular stage of their lactation and level of milk yield.

Grain mixtures can be liberally fed to grouped high producers without over feeding the late-lactation or lower-producing cows, resulting in more efficient use of feeds and allowing farmers to save money on the more expensive ration ingredients with out reducing yields.



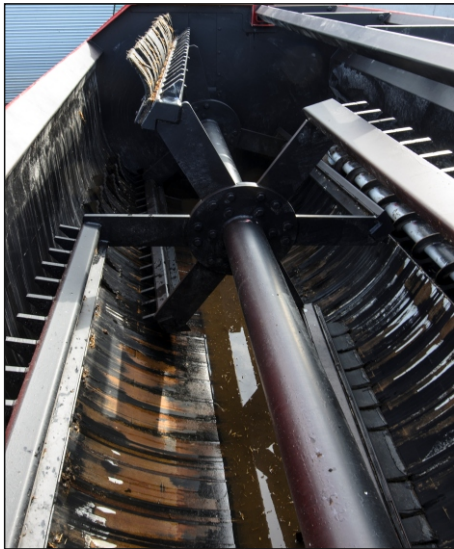
Specially treated serrated knives are used to efficiently chop fibrous foodstuffs to the lengths required for effective mixing and digestion. The knives are designed to sharpen as they wear,



The Redrock rotor is designed to gently tumble the feed mixture, insuring a perfectly mixed ration every time.

BENIFITS FROM THE REDROCK VARI-CUT MIXER FEEDER

The Vari-cut Produces a feed structure that optimises the way feed is converted to milk for the dairy farmer, and likewise converts the maximum amount of feed to live-weight gain for the stock farmer.



Long straw and grass, normally difficult to mix, is chopped to the required length-short enough to be totally incorporated into the feed, but still long enough to properly stimulate the cow's rumen. As the fodder stalk structure is maintained, the need to feed other fibrous materials like straw, is greatly reduced. Animals are able to more effectively digest the feed and therefore produce more milk or beef while eating the same amounts.

The Redrock mixing rotor turns clockwise and the material is gently passed through the very effective cutting system while it is mixing. When machine is discharging, the rotor turns anti-clockwise. The reverse mix action ensures a perfect, even, fluffy mix. The Redrock paddle-type mixing rotor mixes wet materials, such as root crops etc, without crushing them, so they retain their full feed value.

After discharging, all the feeding materials are completely removed from the mix chamber - eliminating any wastage of feed, and reducing the danger of old feed contaminating the next day's mix.

The ability to drive the Redrock mixer rotor clockwise and anti-clockwise ensures the rotor will never jam, allowing faster, safer and more efficient feeding of all material types., without the danger and down time of a blockage, while the farmer tries to clear highly compacted feed around the auger.

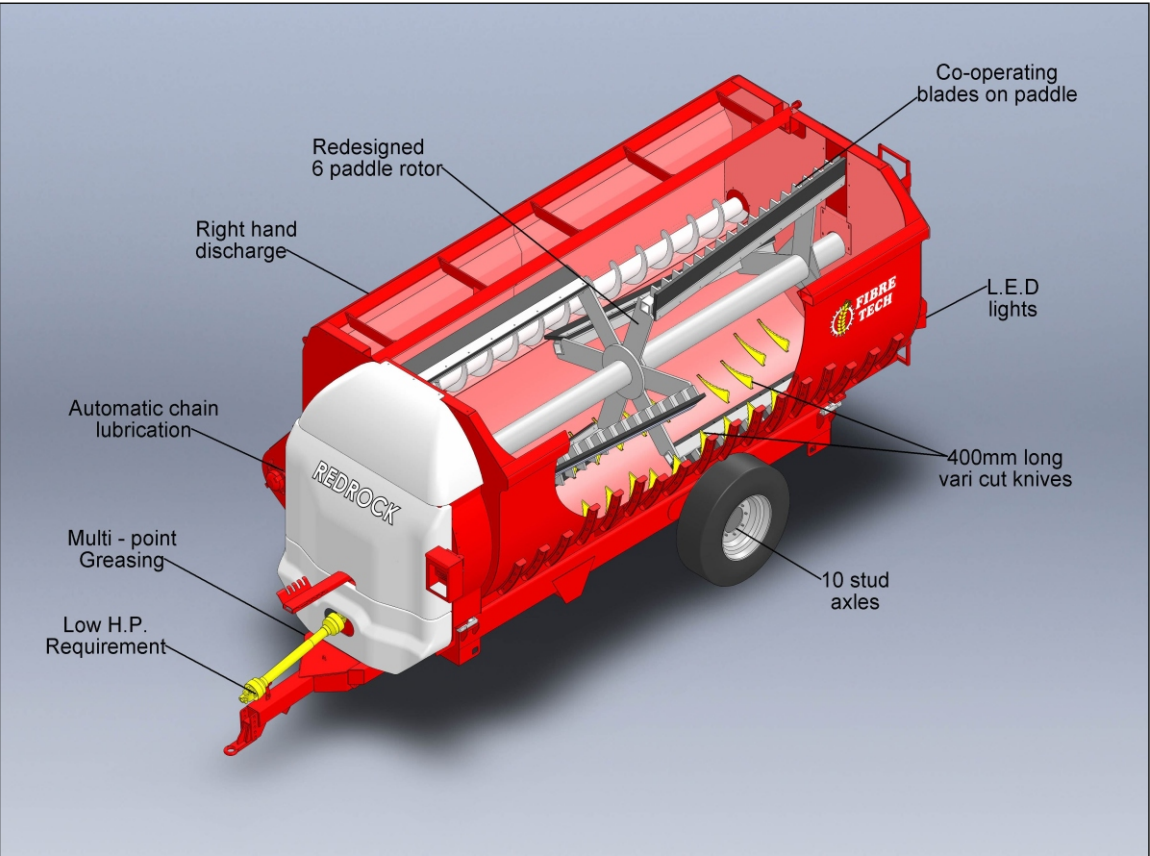


Designed to handle round bale silage

This machine utilises a rotor that is specially designed to effortlessly handle round-bale silage.

VARI-CUT MIXER FEEDERS

VARI-CUT STANDARD FEATURES



Improved service access



Automatic Lubrication system



Weighing system



Bolt in Blades



Bolt in Paddles



High Discharge

VARI-CUT OPTIONS



Tandem Rigid and Tandem c/w Free Steering Rear Axle.

Vari-Cut mixer feeders are available on either tandem rigid axles or tandem c/w rear steering axle.

The steering axle follows the direction determined by the tractor. The oscillation range is approx 15° on each side of the front wheel. When towed on the road or when the mixer feeder is reversed a hydraulic locking device aligns the running gear with front axle, making it safe to use.



VARI-CUT MIXER FEEDERS

Redrock - weighing system

Integrated tracker functions for online exchange with nutritionist adviser etc.

Stock management system

Clear analysis reports and graphics for operation accuracy, ingredient usage, dry matter intake and feed efficiency.

Linkable to farm management systems to track and manage feed efficiency, group connection and animal numbers.

PDA link for data entry anywhere on your farm. Wireless data communications between PC and mixer feeder.

Very clear reports for quick analysis and insight into trends.

Feed mixer maintained management.

Nutritionist benefits. Fewer farm visits while keeping up to date and up grades done via internet, calculates and registers, daily feed costs, Dm intake and feed refusal.

International help desk.

VARI-CUT TECHNICAL DATA

Type	12FD	16FD	20FD	24FD	30FD
Volume(m ³)	12	16	20	24	30
Total Length(m)	5.43	6.43	7.43	7.79	8.79
Total Width(m)	2.57	2.57	2.57	2.93	2.93
	2.62*	2.62*	2.62*	2.94*	2.94*
Total Height (m)	2.87	2.87	2.87	3.17	3.21
	2.95*	2.95*	2.95*	2.27*	2.27*
Loading Height	2.48	2.48	2.48	2.76	2.8
	2.56*	2.56*	2.56*	2.86*	2.86*
Discharge side	RHS	RHS	RHS	RHS	RHS
Discharge Height	1.42	1.42	1.42	1.55	1.59
	1.50*	1.50*	1.50*	1.65*	1.65*
Wheels	385/65R22.5	385/65R22.5	385/65R22.5	385/65R22.5	445/65R22.5
Tandem	385/65R22.5	385/65R22.5	385/65R22.5	385/65R22.5	385/65R22.5
Power Requirement	70hp	80hp	90hp	110hp	130hp
			* =TandemAxles		



The capacity of the series Vari-Cut Mixer Feeders starts at 12m³ right through to the very substantial 30m³ mixer feeder.

With the redesigned rotor, these machines are operated at low revs and require less horsepower, resulting in a more fuel efficient feed, mix after mix, and continued daily fuel savings over the life of the mixer feeder.

In keeping with the ethos of Redrock tradition, this machine is engineered to the highest specifications of design and strength to ensure the maximum working life for the end user. After sales service is second to none and with a dealer network of service engineers the Vari-Cut mixer feeder farmer will always be in good hands.

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Due to our policy of continuous improvement Redrock reserve the right to alter the specification displayed on this brochure.

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