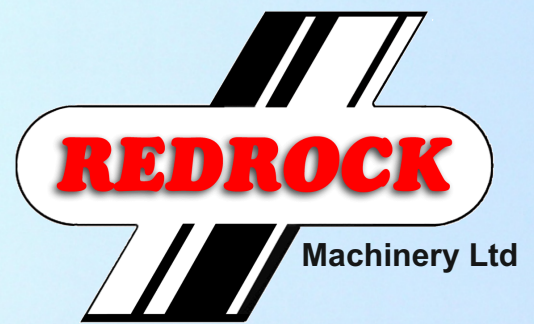


**REDROCK**

# Vertical Mixer Feeders



## Vertical Mixer Feeders (10m<sup>3</sup> to 28m<sup>3</sup> Capacity)

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



Redrock Machinery Ltd, 77 Redrock Road, Collone, Armagh, N.Ireland, Bt60 2BL

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# Single Auger Vertical Mixer Feeder

The Redrock Vertical Mixer feeder range can mix everything from Large round or square bales of silage, straw and hay, to precision cut silage, maize, meal etc. Serrated knives are used to efficiently chop fibrous foodstuffs to the length required for effective mixing and healthy digestion. Assisted by two "counter knives" which restrict the material as it is driven past them by the auger. These come as standard.

The auger incorporates a carefully positioned sweeper arm which has been painstakingly designed by Redrock Machinery Ltd to give a perfect blend of all your selected ingredients, time after time, and ensures an even, fluffy and appetising discharge that your livestock will find easy to eat.

The two speed drive line planetary system is used to reduce horsepower requirements, lowering your fuel costs and free up larger tractors for other tasks on the farm.



**Side Doors**

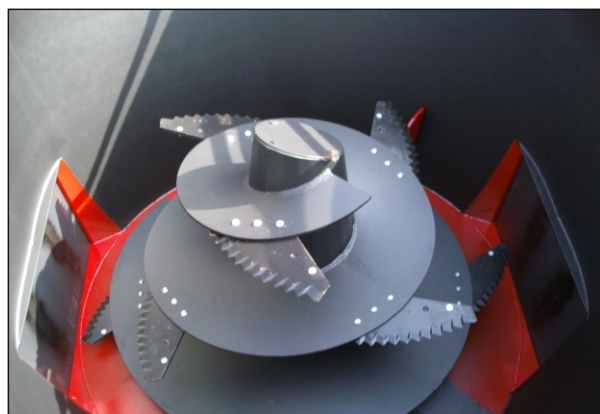
There are nine knives fitted to each auger. Specially treated serrated knives are used to efficiently chop fibrous material to the lengths required for effective mixing and digestion. The knives are designed to sharpen as they wear.



**Rear Doors**



**Front Conveyor**



Model	10VMSD	12VMSD	14VMSD	12VMRD	12VMRD	14VMRD	10VMFC	12VMFC	14VMFC
Capacity	10m <sup>3</sup>	12m <sup>3</sup>	14m <sup>3</sup>	10m <sup>3</sup>	12m <sup>3</sup>	14m <sup>3</sup>	10m <sup>3</sup>	12m <sup>3</sup>	14m <sup>3</sup>
Overall Height	2.65m	2.75m	2.95	2.65m	2.75m	2.95	2.65m	2.75m	2.95
Overall Length	5.2m	5.2m	5.2m	5.2m	5.2m	5.2m	5.2m	5.2m	5.2m
Track Width	1.7m	1.7m	1.7m	1.7m	1.7m	1.7m	1.7m	1.7m	1.7m
Overall Width	2.65m	2.65m	2.65m	2.3m	2.3m	2.3m	2.3m	2.3m	2.3m
Unladen Weight	3900kgs	4000kgs	4100kgs	3900kgs	4000kgs	4100kgs	3900kgs	4000kgs	4100kgs
HP Required	70	80	90	70	80	90	30ltrs/min	80	90
Hyd 2500 (psi max)	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min
Load Cells	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC

SD=Side Door Discharge RD=Rear Door Discharge FC=Front Conveyor Discharge

# Twin Auger Vertical Mixer Feeder

The main features of the Redrock VM Twin Auger feeders are the large mixing volumes which can be mixed at one time, large discharge doors which allow consistent discharge and more efficient chopping between augers. Twin auger machines are available from 16m<sup>3</sup> to 24m<sup>3</sup> with larger machines available on request.

All forges, grains, protein supplements, vitamins and minerals are thoroughly mixed. Therefore the livestock is not able to hunt out individual ingredients and must eat the very important, but less tasty roughage, along side the rest of the ration.

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.

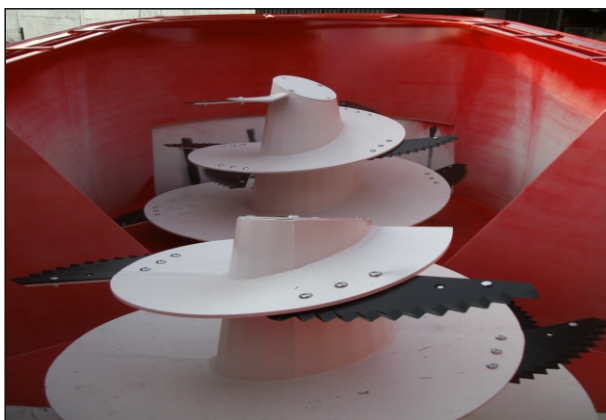


Rear Doors



Front Conveyor

Side Doors



## Standard Features:

- Programmable weighing
- Two speed gearbox
- Two counter knives
- PTO shear bolt protection
- Hydraulic brakes, LED lights
- Viewing ladder/platform

Model	16VM SD	20VM SD	24VM SD	16VM RD	20VM RD	24VM RD	16VM FC	20VM FC	24VM FC
Capacity	16m <sup>3</sup>	20m <sup>3</sup>	24m <sup>3</sup>	16m <sup>3</sup>	20m <sup>3</sup>	24m <sup>3</sup>	16m <sup>3</sup>	20m <sup>3</sup>	24m <sup>3</sup>
Overall Height	2.91m	3.00m	3.15m	2.91m	3.00m	3.15m	2.91m	3.00m	3.15m
Overall Length	7.25m	7.25m	7.7m	7.25m	7.25m	7.7m	7.25m	7.25m	7.7m
Track Width	2m	2m	2m	2m	2m	2m	2m	2m	2m
Overall Width	2.65m	2.65m	2.89m	2.3m	2.3m	2.5m	2.3m	2.3m	2.5m
Unladen Weight	7560kgs	7640kgs	7950kgs	7560kgs	7640kgs	7950kgs	7560kgs	7640kgs	7950kgs
Tractor HP	100hp	120hp	140hp	100hp	120hp	140hp	100hp	120hp	140hp
Hyd 2500 (psi max)	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min	30ltrs/min
Load Cell	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC	12V DC

**\*\*Tandem Axles increase overall height approx 100mm\*\***

VERTICAL MIXER FEEDERS



# Redrock Vertical Mixer Feeders

Designed to perform,  
built to last.



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



Twin Auger mixer feeders are available with an option of 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.

## Side Door Extension Elevator



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

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