

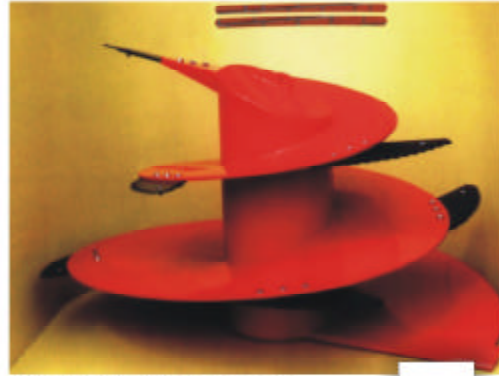
# BvL

## THE KEY TO THE V-MIX

The key to the V-MIX is its ability to chop and mix all feed materials and produce a thoroughly mixed TMR. This includes round or square bales of straw or silage, which means there is no extra expense of a bale chopper or the extra time involved using it, but still with the added flexibility of being able to use round bales. The V-MIX can do this because of its special auger and mount. As can be seen from the cut-away model above, the auger sits on a round (yellow)



**Knife attachments for small potatoes** are particularly important when feeding into troughs as the cattle's neck is not fully extended when feeding and this increases the likelihood of choking if the potatoes are not chopped.



**2 1/2 flight auger for ease of cut.** The more flights, the easier the cut. The knives are serrated and hard wearing. Comes with knife extensions for extra aggressivity.



**Loading a round straw bale.** This V-MIX10 can easily chop and mix the straw or silage without damaging the structure. With straw incorporated into a ration by the excellent chop and mix, selective feeding is not possible and therefore full nutritional benefit can be achieved. The ability to add straw to the ration gives flexibility to the diet regime. No damage through shock load to gear box due to special auger mount.



STRAW BALE FIRST 'OPENED'



SILAGE ADDED TO THE MIX

cylinder welded to the hopper floor and is connected to the gearbox drive with a multi-spline fitment. This is done for several reasons. Firstly, the shock-load from big round bales is not passed into the gearbox causing damage, because it is a multi-spline fitment, can simply be lifted

Secondly, the cylinder also protects the gearbox from any material getting in under the auger, again causing damage. Thirdly, for service purposes, the auger has a hook-eye on top and, because it is a multi-spline fitment, can simply be lifted

off: no nuts and bolts, saving valuable time. The plastic bearings are lubricated via the thin black tubes from the outside of the machine.

**The mix develops.** Silage has now been added to this simple ration and a thorough mix & chop has taken place. This is not a long process and as the V-MIX replaces the need for a bale chopper, time savings can be achieved.

### NO SELECTIVE FEEDING



NEW MOBA 1050 WEIGH CONTROL DISPLAY WITH OPTIONAL ELECTRO-MAGNETIC CONTROLS FOR IN CAB OPERATION

Standard boom mounted hydraulic operational controls



**Double-sided distribution to the floor.** This is the standard discharge solution which feeds independently or simultaneously. The rubber flap ensures an even finish, so each animal gets its fair share. To feed over obstacles, the V-MIX has a number of solutions including elevators or cross conveyors or even a combination.

### STANDARD SIDE DOORS



### SHORT ELEVATOR FITTED TO SIDE DOOR



**Wall mounted counter knives.** One hydraulic and one manual as standard. These aid the chop and mix ability of the V-MIX because they change the material flow direction by being pushed in or out during work. This stops any material racing around the hopper without being touched. During discharge these should be fully retracted to ease the circular flow of the material.

**Elevators & Cross Conveyors.** As no two feed passages are the same, BvL have these distribution options available. This means that the V-MIX (with the low-loader option) can feed into 99.9% of situations. Elevators range from short (into troughs) to 2.25m to distribute over high obstacles such as round feeders or feed trailers. The cross conveyors can be rear or front mounted, both positions giving operational benefits. Ask your BvL representative for more details.



EASY MAINTENANCE FEATURES

**Easy maintenance features.** The last thing needed from a machine used daily like this is complicated maintenance. Therefore the grease nipples for the auger bearings are externally mounted next to the gear box oil reservoir, behind the steps. The pipe running from the reservoir is for emptying the oil into a bucket when it needs changing.

### Gear box drive & protection.

A simple multi spline connection to the auger drive shaft links the planetary gearbox to the auger (see top left). A shear bolt on the drive shaft protects the gearbox from any damage. A very effective drive solution.



UK STANDARD HITCH



REDUCTION GEARBOX OPTION



GEARBOX IS SHEAR BOLT PROTECTED



2 x COUNTER KNIVES



FRONT MOUNTED CROSS CONVEYOR



REAR MOUNTED CROSS CONVEYOR