



# FEEDMASTER GRAINCRUSHERS

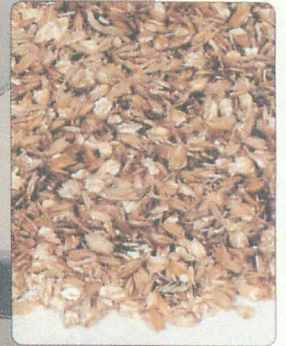
M 80



crushed  
oats



not  
crushed



mixed



**THE MONEY-SAVING,  
HIGH QUALITY AND MAINTENANCE-  
FREE MACHINE WITH A LOW-NOISE  
FACTOR AND LONGER OPERATIONAL LIFE**

## WHY CRUSH OATS?

### A HEALTHIER HORSE...

Crushed oats stimulate horses mastication & therefore their saliva production. In horses, the production of saliva is extremely important for the low content of gastric juices in the stomach, saliva stimulates the entire digestive system & organs. Crushed oats are therefore optimally utilized (up to 30% improved) & that is more or less the same amount as what is otherwise left undigested. This is not the only reason why crushed oats are consumed more efficiently. The crushing process assures that the grain husks have already been broken down to a minimum before being digested. Since the oats must be crushed not battered or ground, one needs specially developed equipment, particularly in the design of the rollers & the way they are manufactured. Finally, one other important aspect, which should be considered when introducing the use of an oats crusher, is that you always know exactly what you are feeding your horse. It is a well-known fact that it is not always possible to obtain freshly crushed oats. (Crushed oats, stored longer than 2 weeks lose much of their significant vitamin content & nutritional value!) One thing is certain... home crushed oats guarantee optimum freshness & are therefore also the guarantee of a healthy forage.

### ADVANTAGES GRAINCRUSHERS FOR CATTLE & SHEEP

Because of their coarsely flaked structure, crushed grains are not only eagerly accepted by horses, but also by ruminants such as cattle and sheep. Animals consume crushed gains considerably better, compared with equal quantities of whole grain cereals, so that feeding can be done in reduced rations, and considerably higher production improvements can be achieved. Furthermore, crushed forage consumed by cattle also has a positive effect on the digestive process, and increases the protein content of milk. Also, the adhesive effect of crushed forage on the respiratory tracts is considerably less than that of fine oats, resulting in much more animal comfort.

**THE ENERGY REQUIRED BY THE CRUSHING OF CEREALS  
IS  
65 TO 75% LESS THAN THAT REQUIRED BY THE GRINDING  
OF CEREALS, THIS MEANS THAT CRUSHED GRAINS ARE  
RELATIVELY MORE EFFICIENT TO PRODUCE.**

*Agricultural and Industrial Bulk, Drying and Conveying Equipment*

Registered in England No. 2898684



# FEEDMASTER GRAINCRUSHERS

- \* Fully galvanized
- \* Hardened roller made of chrome steel (special coating)
- \* Gear drive for both rollers
- \* From type M40, all machines fitted with Rapid Adjustment Control (Patented)
- \* Motor safeguard switch
- \* Bar magnets near grain inlet
- \* Safeguard grid in inlet hopper
- \* Detachable inlet hopper
- \* Push button to remove foreign objects from between rollers during crushing process (type M40 mini to M200)
- \* Robust, easily dismantled steel housing construction, (frame thickness M40 mini 5mm, from M40 10mm) and therefore with an extremely low noise factors.
- \* Easily transportable

Galvanised stand available as an extra



This is the realization of a high-tech concept in quality and precision.



Reliable operation through mature technique, thus top performance and excellent forage quality.

TECHNICAL DATA		CAPACITY PER HOUR (depending on percentage of moisture and the way of crushing)					DIMENSIONS AND WEIGHTS	
TYPE	MOTOR	Oats	Barley	Wheat	Corn	Mixed	Dimension w x h x d	Weight
mini	0,75 kW - 400 V 0,75 kW - 230 V	100 kg	120 kg	120 kg			70 x 42 x 38 cm	56 kg 62 kg
M 40	1,1 kW - 400 V 1,1 kW - 230 V	200 kg	230 kg	230 kg	120 kg	200 kg	65 x 53 x 35 cm	67 kg 70 kg
M 45	1,5 kW - 400 V 1,5 kW - 230 V	250 kg	300 kg	300 kg	150 kg	250 kg	65 x 53 x 35 cm	70 kg 75 kg
M 60	2,2 kW - 400 V	350 kg	450 kg	450 kg	200 kg	350 kg	75 x 58 x 54 cm	100 kg
M 80	3 kW - 400 V	500 kg	600 kg	600 kg	300 kg	500 kg	75 x 58 x 54 cm	100 kg
M 160	4 kW - 400 V	900 kg	1000 kg	1000 kg	750 kg	900 kg	83 x 58 x 62 cm	150 kg
M 200	5,5 kW - 400 V	1200 kg	1400 kg	1400 kg	900 kg	1200 kg	90 x 58 x 66 cm	155 kg
M 240	7,5 kW - 400 V	1500 kg	1700 kg	1700 kg	1200 kg	1500 kg	131 x 135 x 68 cm with columns	245 kg
M 500	9 kW - 400 V	2000 kg	2200 kg	2200 kg	1900 kg	2000 kg	140 x 146 x 87 cm with columns	420 kg

BDC Systems Ltd reserve the right to change specifications without notice.  
Further advice and information for specific requirements available on request.

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