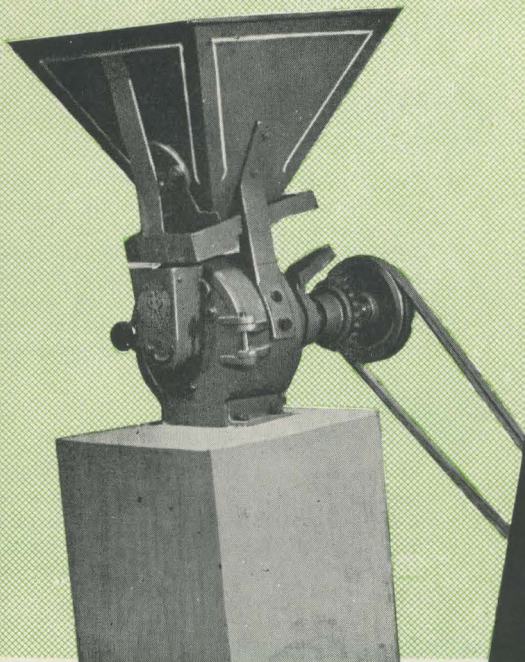


***“There’s Profit  
in Home Grinding”***

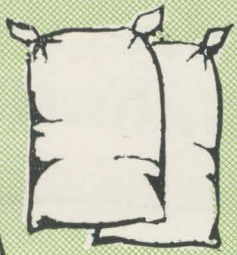


***With the***

## **BARNGOLD MILL**

### **ROBUST AND SIMPLE**

This robust little mill is known in Germany, where it is manufactured, under the name Bauergold which is literally translated as “farmer’s gold.” Quite naturally it has become known in this country as the Barngold Mill. It is simple to use and will give many years of service with very little attention.



# Home ground grain

## is the FARMER'S gain!

### THE MILL STONES

The stones are made of a special quartz concrete composition and are self-grinding. For the first few running hours they are grinding themselves in and the best performance will follow this preliminary period. They are about  $8\frac{1}{2}$ " in diameter and both stones are exactly alike so that there is no danger of fitting them wrongly. The normal wear of the stones is from 10 to 15 years service without replacement. New stones are quite cheap costing approximately 25s. 0d. each.

### OPERATION

The fineness of meal is regulated by having the stones close together or a small distance apart. This is made possible by a notched wheel which advances or draws back the rotating stones as desired. The change from coarse grinding to fine and vice-versa can be made equally well whether the mill is running or stationary.

### OUTPUT

Any cereal can be ground in this mill but it does not pretend to break up the husk of oats as will a fine screen hammer-mill. It is recommended that damp grain should not be used as it will tend to form a smooth coating on the stones and would reduce subsequent output. However, should some damp grain get into the mill a wire scratch-brush will remove any coating formed. The output of meal naturally depends on the type of grain being handled; its moisture content, and

the fineness of meal required. Tests carried out with normal fair quality cereals gave the following results:

Wheat	Very Fine	140 lbs. per hour.	Coarse	300 lbs. per hour
Oats	Very Fine	60 lbs. per hour.	Coarse	160 lbs. per hour
Barley	Very Fine	70 lbs. per hour.	Coarse	200 lbs. per hour

After some considerable time (10 to 15 years) the stones will tend to get smooth and output will fall. They can be redressed by roughening lightly with a cold-chisel or new ones can be fitted.

### THE MOTOR

The mill is powered by a 1 h.p. motor running at a speed of 1,000 r.p.m. This speed has the great advantage that the motor can be used to drive other appliances such as root-cutters, milking machines, etc., without the necessity for any intermediate stage on the speed reduction. If the motor is used as a portable motor on a bogey, the starter should be mounted on the bogey and supply to the starter can be arranged by a flex and plug-top which plugs in to the normal 10 or 15 amp. socket.

### THE BELT DRIVE

The use of "V" belts gives a very positive drive and for a portable motor they have an advantage that a small error in alignment will not throw off the belts as easily as if flat belts were used. The 1 h.p. motor, when fully loaded, uses one unit of electricity per hour.

## freshly ground food

## is best for stock



# It is SELF OPERATING

A large hopper is provided and the feed to the mill stones is regulated by means of an adjustable shutter. A shaker feed ensures an even flow of grain and magnets in the feed line prevent any pieces of metal from entering the mill. It delivers by gravity into a meal-bin or a sack, which ever you wish, and it is wise to arrange that fine floury meal cannot get into the motor as it would tend to choke up the ventilation ducts which keep the motor cool. It is recommended that an overhead bin or hopper should be provided for the main grain supply to the mill-hopper with a cut-off shutter in the feed line. The mill can thus be left unattended while other jobs are being carried out around the yard.

## PRICE

The price of the complete outfit including motor, starter, pulleys, and belts is £49. If a suitable motor is already available, the price of the mill only is £21. Prices are subject to confirmation at the time of placing order.

*H.P. terms are available*

*Issued  
by the*

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