

MICROMILL

The Agsol MicroMill is the smartest and most efficient small hammer mill ever developed. It is over two times more efficient than any other small electric mill in its class and is fully automated.

The MicroMill can be powered from solar, grid or rechargeable batteries. It can produce fine flour through to coarse animal feed, and can process a wide range of cereal grains, pulses and tubers.

Small and powerful, clean and green, using latest motor technology and smart power electronics, say hello to the future of small-scale milling.



SPECIFICATIONS

55 kg/h \pm 10%	Production rate (maize flour)
65 kg/kWh \pm 10%	Efficiency (maize flour)
800W	Av. power consumption
48V DC	Input voltage
30 x 21 x 50cm	Dimension (L x W x H)
6.5 kg	Machine weight
None	In-rush current

PRODUCT FORMATS

MicroMill only: Supplied with power cable, buyer must arrange 48V supply.

AC MicroMill: Supplied with single phase 220-240V AC-DC power adaptor.

Solar MicroMill: Supplied with any mix of charge controller, battery, solar panels. The standard solar package Includes 600Wh li-ion battery (LFP), 48V MPPT charge controller, and 600W of solar PV. Battery PV capacity can be adapted to meet customer requirements.

For more information, please contact info@agsol.com

DETAILED SPECIFICATIONS

Manufacturer	Agsol Ltd
Model name	MM V2.2
Type	Hammer mill
Year of manufacture	2023
Screen size available	6mm, 3mm, 1.5mm, 1.2mm, 1mm
Power supply type	DC input
Motor rating	1,000W
Average power consumption	800W
In-rush current	None
Input voltage (nominal)	48 V _{DC}
Acceptable input voltage range	46 – 55 V _{DC}
Rated spindle speed	12,000 RPM
Production capacity (maize flour)	55 kg/h ±10%
Efficiency (maize flour)	65 kg/kWh ±10%
Production capacity (chicken feed 6mm)	250 kg/hr
Holding capacity (standard hopper)	5kg
Holding capacity (hanging hopper)	40kg
Machine weight	6.5kg
Dimensions mill only (L x W x H)	30 x 21 x 25 cm
Dimensions inc. hopper (L x W x H)	30 x 21 x 50 cm

