

# HIPPO BABY

## MH-B - HAMMER MILL

Unique design construction. Built to last for industrial, commercial, farm and home use for processing cereals, recycling, herbs, spices and animal feed.

### AUTO REGULATED DIRECT INTAKE

The design of the HIPPO Hammer mill is unique in that there are no free swinging chopping knives, as the material is being fed directly onto the tips of the rotating hammers in the direction in which the hammers are rotating. The inlet of the mill is automatically regulated, using a spring loaded lever, which reacts immediately to overfeeding situations - based on the air flow through the mill - making overfeeding the mill a rare occurrence. The milled material is transported from the bottom of the mill by a steel constructed four bladed fan, which is mounted on the same shaft as the rotor and the product is then discharged from the cyclone. The cyclone is fitted with a dust bag system, making milling with a Hippo mill very nearly dust free. A wide range of screen sizes are available, from 25 mmØ down to 0,6 mmØ aperture.

### LONG LIFETIME

HIPPO Hammer Mills are constructed from cast iron parts, and plate steel, which are bolted together, which gives the mill an exceptionally long life span, and makes replacing of parts easy and quick. All the milling tips are manufactured from Bennox steel to ensure long lifetime of the wear parts.



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### SPECIFICATIONS

Power required	4KW 3 Phase 380 V Electric   4 pole footmount   1450RPM
Capacity 0.8 mm screen (dry maize), kg/hr	80
Capacity 1.6 mm screen (dry maize), kg/hr	200
Capacity 8 mm screen (dry maize), kg/hr	450
Length   Width   Height, mm	755   470   1,146
Net weight, kg	85
Rotor diameter, mm	225
Number of beaters	6
Number of tips	24
Tip speed, m/s	58
Rotor RPM	5000

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