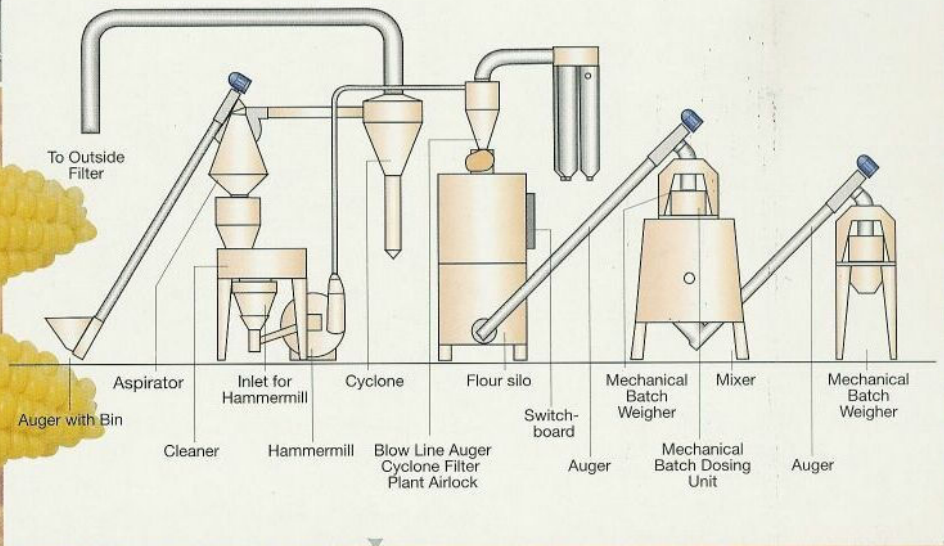


# ABC Hansen

## Milling Fortification Unit



# ABCHansen

We are a group of Danish companies established in 1925 who specialize in development, production, erection and after sales service of a wide range of Danish quality products including grain milling equipment.

## Milling Fortification Unit

Food fortification means improved health and productivity in developing countries.

ABCHansen A/S R&D Department has, therefore, in close co-operation with officials of World Food Programme designed, developed and introduced this type of food fortification equipment. It is for all kinds of grain like wheat, maize, sorghum etc. The system having built-in all necessary safety devices/ systems has been introduced to developing countries where World Food Programme is active within food distribution.

### Technical Specification:

- Plant dimension: (L x W x H) 6.0 x 4.0 x 4.5 m
- Installed kW: 41 kW
- Input capacity: 700 -1000 kg grain/hour dependent on the type and quality of the grain
- Standard screen size in hammermill: 1 mm
- Shipping dimensions: 1 x 20 ft container

### Features:

- Manual, continuous operation
- Fine grinding with high capacity
- Specially designed for rural areas
- Low maintenance
- Extremely low consumption of spare parts
- Designed for long-lasting and trouble-free operation
- Integrated fan for pneumatic transport of products
- Hammers made of hardox steel
- Dosing units completely safety- and failure proof

### Optionals:

- Pre-cleaner
- Double bagging off outlet for bags
- Hammermill can be replaced by stonemill on request
- Extra dosing units for baby food production



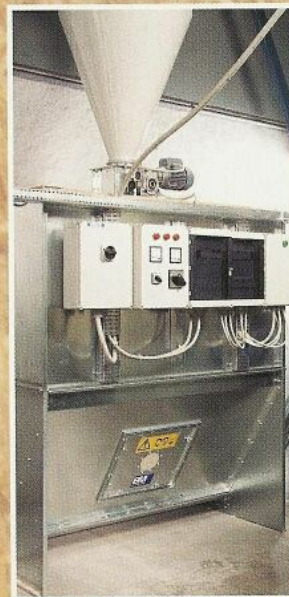
### Grain Cleaner:

Capacity 1500 kg/hour. Screen size 520 x 1250 mm. Mounted with strong permanent magnets. Aspirator for removal of light particles and dust.



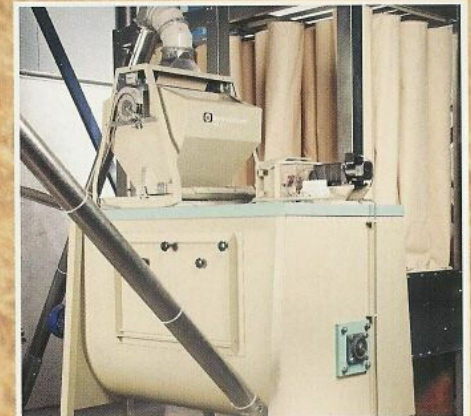
### Hammermill:

High airflow rotor for fine milling, specially designed for tropical areas, 30 kW motor, with integrated separators, stone trap and permanent magnets. Screen sizes available from 0.75 mm and up. Capacity varies dependent on screen sizes.



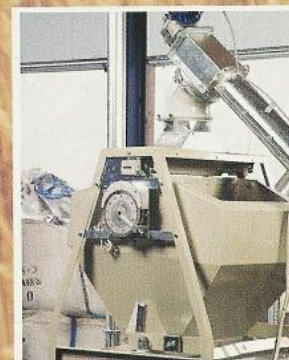
### Electrical Panel and Flour Silo:

Low voltage and phase failure cut out relay. Amp. meter for adjustment of the milling capacity. Meter for check of voltage supply. Overload protection for all motors. Alarm warning system after each batch mixing. Flour silo with capacity of 1000 kg with integrated horizontal auger for easy discharge of flour.



### Flour Mixer with Batch Dosing Units:

Double paddle blender, capacity 500 kg each batch. Intake batch weighing unit and mounted with mechanical batch dosing unit for dosing of 5-800 ml of nutrients. The unit is completely safety- and failure proof.



### Bagging off System:

Mechanical weighing system for filling of bags of 12.5 - 50 kg.



### Mechanical Batch Weighing Unit and Dosing Unit for Nutrients

### Grain / Flour Transportation System:

Grain augers with gear motor mounted with special heavy duty screws. Pneumatic system with cyclone, cell wheel and filter, from hammermill to silo. Standard filter system 40 m<sup>2</sup>.

*Above information is subject to alteration without notice.*