How the Windmill works

The Sails turn the Windshaft.

The Windshaft turns the Wallower.

The Wallower turns the Main Shaft.

The Main shaft turns the Great Spur Wheel.

The Great Spur Wheel turns the Stone Nuts.

The Stone Nuts drive the Millstones.

The Fantail turns the whole Dust Cap so the Sails always face the wind.

BRAKE WHEEL

WINDSHAFT

The Wallower also drives the Sack Hoist.

WALLOWER

The Sack Hoist. lifts the sacks of grain up to the

Bin Floor MAIN SHAFT

SACK HOIST

ONE PAIR OF **MILLSTONES**

STONE NUT

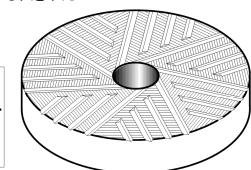
SECOND PAIR OF **MILLSTONES**

STONE NUT

GREAT SPUR WHEEL

There are only 3 adjustments:

- 1. The sails (according to the speed of the wind).
- 2. How fast the grain is fed into the stones.
- 3. The distance between the stones.



WINDMILL SAILS

THE MILLSTONES On top a RUNNER STONE which rotates. Below a BED STONE which stays still.