

How the waterwheel works the machinery

The big pulley is put into action when the lever lifts it up and makes the belt tight.

This pulley is connected by a leather belt to the smaller pulley below.

Energy from the water wheel is brought to the pulley via a crown wheel and a pinion and a belt and pulley system.

Corn is poured down the chute from the hopper above.

This belt and pulley connects the waterwheel to the bolting machines via a crown wheel that can be dropped into gear.

The corn is ground into meal between the stones and then falls down a chute to the ground floor.

This shaft connects the water wheel drive train to an auxiliary steam engine that could be used in times of drought.

These control ropes operate a lever when they are pulled. There is a counterbalance weight to make it easier.

