

Operation Procedures

- Before start, operator should read this manual carefully to learn about hammer mill structure, performance and operation method.
- Before the start, adjust and maintain hammer mill machine on following manual regulations. At the same time check the tightness of fastening parts and make sure each part is lubricated sufficiently. After securing the safety of hammer mill machine and operator, the machine can be started. Idle the hammer machine for 2-3 minutes on hearing no abnormal sounds, and then feed the raw material. Be sure of working condition is normal before feeding.
- Feed the material in slow and steady way. Overload feeding is forbidden. Feeding rate can be controlled by adjusting plate. During material blocking at the entrance keep hands away from the feeding port. Hard wood stick force feeding is forbidden.
- Full storage bag, pool or bin should be emptied in time to avoid air reverse affecting normal working.
- Stop and then inspect the machine if there is any abnormal noise during operation. It is forbidden to inspect hammer machine on running.
- Maintain frequent inspection on hammer blade wear degree and cotter pin condition, and replace the worn parts in time on cutting off the power source. Opening the upper body during running is forbidden.
- After inspection, close the upper body and make sure the upper body is aligned with lower body. Tighten the fixed hand wheel and move the main shaft to make sure the main shaft move flexibly with no bumping, scratching, or clashing sound inside the machine.
- After use, idle the machine for 5-10 minutes to suck the material clean and stop the machine. Add lubricating grease to main shaft bearings.

Tips on Running a Hammer Mill

- Maintain and adjust the machine according to operation manual before start. Inspect and make sure each fastening part is tightened and the rotation direction is the same with the one it supposed to be and also make sure the upper shell is tightened.
- Choose right engine according to the revolution speed in technical parameter table if the engine is self-serviced. Over speed running is forbidden to avoid machine damage and human injure.
- Operator (especially feeding operator) is forbidden to wear long sleeve. Operator with long hair is supposed to wear hat.
- Those who are under the age of 16 or over 60, disabled, or those who do not know the machine performance and hammer mill service regulation are forbidden to operate independently.
- An impaired, sick, or over fatigue operator is forbidden to operate.

- Keep hands away from feeding port during operation. Naked hand or forced feeding is forbidden during feeding port blocking.
- The triangle belt cannot be over tight during operation. Otherwise accident may occur to wearing parts due to no buffer when impurities mixing with raw material.
- During the operation, operator should stand on the stack or high place which is placed 1 meter away on the left or right hand of the hammer mill to avoid hurting by hard things beaten out of the feeder.
- Metal, stone, or other hard objects are forbidden to be fed into the machine during operation. Magnetic protection is required to avoid metal impurity getting into the crushing chamber.
- Stop the machine immediately if there is any abnormal noise occurs during operation. Cut off the power, check and clean the machine.
- Protective mesh cover should be added to transition part. At the operation place, ventilation and dust proof should be paid attention to avoid dust accumulation and crushing danger.
- Electric part should be grounded well if the machine is driven by electric motor.
- On running the hammer mill is forbidden to be fed directly from bags to insure the safety of operator.
- Safety mark and arrow indication: Where the arrow points is the direction the rotor runs to.