

# Operation Instruction

## Operation

1. Fix the equipment with expansion bolts on the four feet before initial use.
2. Check and clean remaining residue in feed hopper, crushing cavity and receiving hopper.
3. Close the front door of crushing cavity and tighten locknut.
4. Regulate it to proper discharge size by loosening screws of retaining mechanism on rear panel. A clockwise rotation to handwheel will make movable plate upward and connecting rod backward. Hence, the discharged size is enlarged, and vice versa. After regulation, fasten locknut.

5. Start the equipment and feed into hopper the samples to be crushed. Do not feed too fast or too much.

***Please note that sample feeding should be made only after starting the equipment.***

6. Disconnect the equipment from power supply after each use and clean crushing cavity, feed hopper and sample box, etc.

## Hazards

1. The Jaw Crusher should be equipped with main switch. Components and electric circuit should be complete and checked before operation.
2. Do NOT put hands between two jaw plates or touch moving parts like belt pulley, top hopper, inertia wheel, belt, etc. when it's running.

3. The checking of belt tension can only be made when it's powered off. Do not put hands between belt pulley and belt.
4. Do NOT open the front door or clean sample when it's running.
5. The equipment should be grounded well. For any fault, turn it off first and then the main switch. Do not switch it on until the problem is solved.

## Daily Maintenance

1. Clean remaining sample in the crushing cavity after each operation.
2. Check each component every two months. Fill No.2 lithium lubricating grease as necessary.
3. Check the V-belt every three months and adjust its tension when necessary. Replace it if wearing is visible.
4. Check if any loosening occurs to each fastening component or rotate bearing base to check whether it's hot on the surface.
5. Check the two jaw plates. Replace it when it's seriously wearing.
6. Check the side plate of crushing cavity. Replace it when it's seriously wearing.
7. Check the power cable. Replace it when wearing or leak occurs.