

Vigo Presses®

Instructions for use of the Speidel Apple Mill

Perfect for use with Hydropresses, Rack & Cloth Presses and 36 Litre Press Cross Beam.

Also great for light commercial operations

Stock Code: 89111



The centrifugal mill is designed to mill apples and pears and will mill up to 1,000kgs per hour.

Technical details:

Motor:	230V / 50Hz / 2.2kW Radio and television-suppressed Continuous sound level <70 dB (A)
Speed:	2,800 rpm
Filler hopper:	Stable, PE construction with safety switch
Cutting machinery:	Pre-cutter, knife blade and reversible cutter of stainless steel
Motor mounting:	Stable, PE construction mounting the motor and wiring
ON / OFF:	Switch with no-voltage circuit-breaker and lock-out feature
Power:	230V / 50Hz / 13 Amp shockproof plug
Dimensions:	Ø 660 x 1258 mm
Weight:	25 kg (approx.)

These instructions are for the safe use and maintenance of the Speidel Mill. Do not use the machine if you have not read and understood every part of this instruction sheet. This equipment is not suitable for use by children.

Safety

- **Warning!** Always **disconnect** fully from the electric supply before removing the hopper.
- **Warning!** Removing the hopper exposes sharp blades.
- **Warning!** You must **never** run the mill with the hopper removed.
- **Warning!** Connect to a 13 Amp mains supply using a residual current device (RCD) to protect the operator and the mill.
- **Warning!** Never spray water onto the motor or power switch.
- **Warning!** Do not allow liquid to enter the bolt-location hole in the motor housing.
- **Always** start the mill before feeding in the fruit and only switch off after the processing of the fruit is complete.
- **Always** place the mill on a firm, level surface.
- **Always** disconnect from the power supply before moving.
- **Always** take care when moving and handling the mill.
- **Always** ensure the plug and power cable, are in a sound condition prior to each use.
- **Always** ensure that the hopper is fitted in the correct position and that the retaining catches are secured before connecting to the power supply.
- **Always** keep the power cable away from sharp implements.
- **Never** allow persons under the age of 16 years to operate the mill.
- **Never** introduce foreign objects into the mill.
- **Never** reach inside the hopper when the mill is connected to the power.
- **Never** override or remove safety devices (The machine is fitted with an interlocking safety switch).
- **Never** attempt to lift the mill with the hopper removed – there is a risk of injury from the exposed blades.
- **Never** mill stoned fruit.

Washing

NB The assembled mill can be moved by slightly tilting it on the leg that is fitted with a wheel.

- Before first use, remove and wash the hopper (the hopper can be removed by undoing the 3 retaining catches - **WARNING! This will expose the very sharp mill blades**) with warm, soapy water. Rinse the hopper with fresh water. NB Wash the hopper away from the motor housing. **Never allow liquid to enter the motor housing.**
- Before washing the blades, you **must** protect the bolt-locating hole in the motor housing with a strip of duck tape or similar waterproof tape so that water does not enter the motor housing. Using a garden hose with water very gently running, carefully clean the blade assembly and the top of the base with a nylon washing-up brush, taking care not to cut yourself on the sharp blades.



- After washing, replace the hopper, ensuring that the bolt in the rim of the hopper is engaged in the hole in the motor housing and retaining catches are secured.

Operation

Never attempt to start the mill with fruit in the hopper as this will put too much strain on the motor.

1. Visually check the mill, electric cable, and the plug to ensure they are in a sound condition before each use.
2. Place the mill on a firm, level surface. (Note: the assembled mill can be moved by slightly tilting it on the leg that is fitted with a wheel).
3. Ensure the hopper is fully secured with all retaining catches in place; **only connect to the power when this is done.**
4. Connect the power cable to a standard 13amp socket (*we strongly recommend using a residual current device (RCD) to protect the operator and the mill*).
5. Place a suitable food-grade bucket or container under the pulp discharge chute to collect the fruit pulp.
6. Switch on the mill motor by pressing the green **ON** button. (Note: The motor will not operate unless the hopper is correctly clamped in place). Wait until the motor is running at full speed before introducing fruit.
7. Pour fruit into the hopper a little at a time, taking care not to overload the motor. Note: If juice or pulp escapes around the edge of the base housing the catches must be adjusted to ensure that the hopper is firmly seated on the motor housing seal.
8. Press the red OFF button to turn off the motor. **Always ensure the fruit has been fully discharged before turning off the motor.**
9. Disconnect from the power supply when not in use.

Cleaning

WARNING! Never use a pressure washer to clean this equipment

WARNING! Always disconnect from the power supply before removing the hopper

1. Wash the mill immediately after use, before the fruit pulp has had time to dry.
2. With the mill running, use a garden hose to **gently** run water down the inside of the hopper. This will discharge the bulk of the residual pulp. **Do not put your hands into the hopper or use an implement to clean.**
3. **Turn off the mill and disconnect from the power supply.**
4. Undo the retaining catches and lift off the hopper.
WARNING! This will expose the very sharp mill blades.
5. Rinse the hopper away from the motor housing.
6. Before washing the blades you **must** protect the bolt-locating hole in the motor housing with a strip of duck tape or similar waterproof tape so that water does not enter the motor housing. Using a garden hose with water **running very gently** and a nylon washing-up brush, carefully clean the blade assembly and the top of the base - taking care not to cut yourself on the sharp blades
WARNING! Do not allow liquids to enter the bolt-locating hole in the motor housing.
7. After cleaning, replace the hopper, ensuring that the bolt in the rim of the hopper is engaged in the hole in the motor housing and retaining catches are secured.

Maintenance

V Seal replacement:

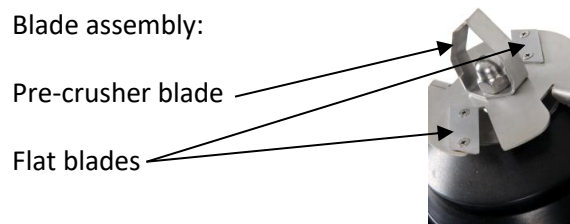
Note Only a competent person should replace the V seal.

After every 3,300 hours or 2 years of use, whichever is the soonest, we recommend that the V seal is replaced. Please contact Vigo Presses for instructions. **Never** attempt to replace the seal without instructions.

Blade reversal / replacement:

Note: Only a competent person should change the blades.

Over time the blades will become blunt. The blades can be reversed to present new cutting edges for use as follows.



Never attempt to re-sharpen the blades as this will unbalance the mechanism.

1. Disconnect from the power supply before removing the hopper to expose the blades.
WARNING! Take care - sharp blades
2. Wearing suitable protective gloves, undo the blade fixing screws using a suitable Phillips (cross) head screwdriver.
3. Reverse the blades.
4. Retighten the fixing screws – ensuring that they are tightly secured.
5. Replace the hopper, ensuring that the bolt in the rim of the hopper is engaged in the hole in the motor housing. Secure retaining catches.

Replacement blades are available from Vigo Presses:

Description	Vigo Presses Code
Flat knife (single)	29007
Pre-crusher blade	29008
Dome nut	57167

Storage

Always store the machine with the hopper secured in place.

Store the machine in a dry place.