



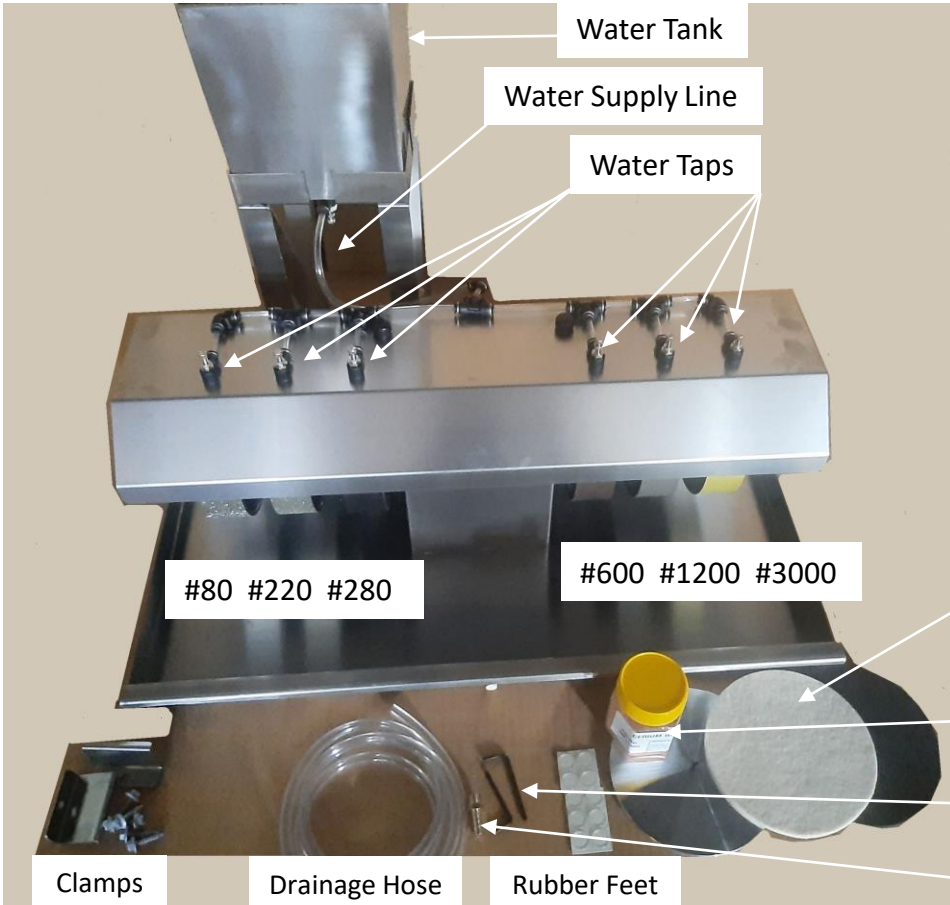
AS-6x6 Cabbing Machine User Guide



Stainless Steel 6 wheel x 6 inch (150 mm) cabbing arbor complete with 230 Volt Motor and Water Kit/Tank.

Aussie Sapphire: 42 Glen Legh Road, Glen Innes NSW 2370
For technical support, please email info@aussiesapphire.com.au
or visit our website at www.AussieSapphire.com.au

AS-6x6 Parts List



Please check all contents carefully before setting up machine. Contact us if anything is missing or damaged.

Front View

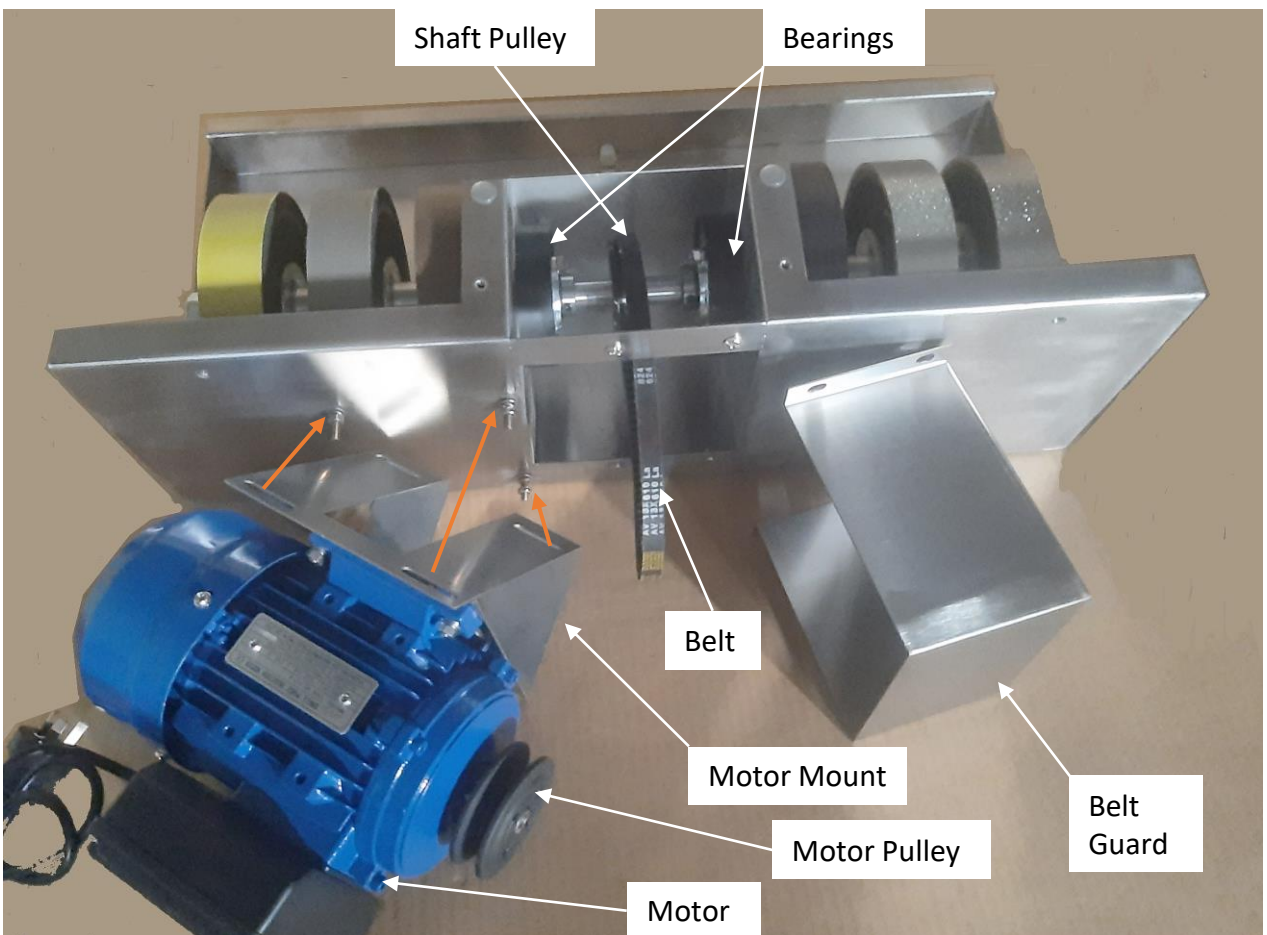
Aluminium End Plate with rubber & felt pads

Cerium Oxide Polish

Allen keys for pulleys

Drain Fitting

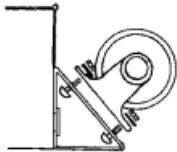
Rear View



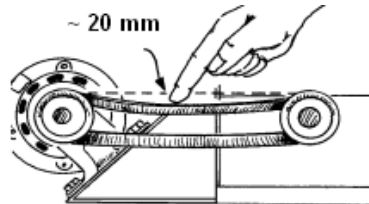
AS-6x6 Machine Set Up

Step 1: Install the Motor

Remove the top cover from the machine using the 4 thumbnuts. Attach the motor mount to the base of the motor and then fit to the back of the machine. The drive belt will connect the shaft pulley and the motor pulley. Use the slotted holes on the motor mount to adjust motor position (sideways to align pulleys) and belt tension (up/down). Do not overtighten the belt as this causes excess noise and wear on bearings.



Secure motor to mount with bolts.



Adjust belt tension

Step 2: Connect the Water Tank

Replace the top cover. Secure the water tank to your bench using the screws provided. Connect the water supply line to the tank tap and the manifold fitting – simply push tubing into the fittings to lock (push the black tab in to disconnect the tubing if required).

Step 3: Final Set Up

Fit 6 rubber feet to the base of the machine (locate them in the corners and midway along the front and back edges). Fit the remaining 4 rubber feet under the base of the motor mount. This step will reduce vibration and noise during operation.

Secure the machine to your work bench by screwing down the two clamps (one on either side of the machine).

Remove the temporary stopper in the drainage hole and replace with the threaded fitting. Attach the drainage hose to this fitting and arrange so that waste water drains into a bucket.

Operation and Troubleshooting

Important Notes

1. Do not discard any packaging until unit is set up and working correctly.
2. Check belt tension after the first 2 hours of use and then regularly thereafter (suggest checking monthly if used frequently).
3. It is normal for the soft resin-bond wheels to have some variation in surface and colour. After a period of use, the spinning force will round and even out the surface of the wheels. Colour may vary according to batch.
4. The soft resin-bond wheels will benefit from a break-in period. To break-in any wheel, work a large scrap piece of agate (or relatively hard material) across the surface of the wheel to remove excess resin bond that contains protruding diamonds and smooth down any sharp points. Using diamond wheels without breaking them in can cause scratching.
5. Always use water on any diamond tool - using this machine without water can generate significant amounts of dust and damage diamond wheels or discs.
6. Turn on motor and run up to speed prior to applying water to wheels. After use, turn water taps off and run the wheels for several seconds to remove excess water.
7. SAFETY: always wear safety glasses and hearing protection when cutting stone.
8. SAFETY: always unplug the power completely when adjusting or working on the machine.
9. SAFETY: ensure any loose clothing or hair is secured so it doesn't get caught in the machine and cause injury.
10. If you are concerned about anything (e.g. unusual noise or change in how the machine operates), contact us immediately for advice. Do not continue to use without checking.

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