

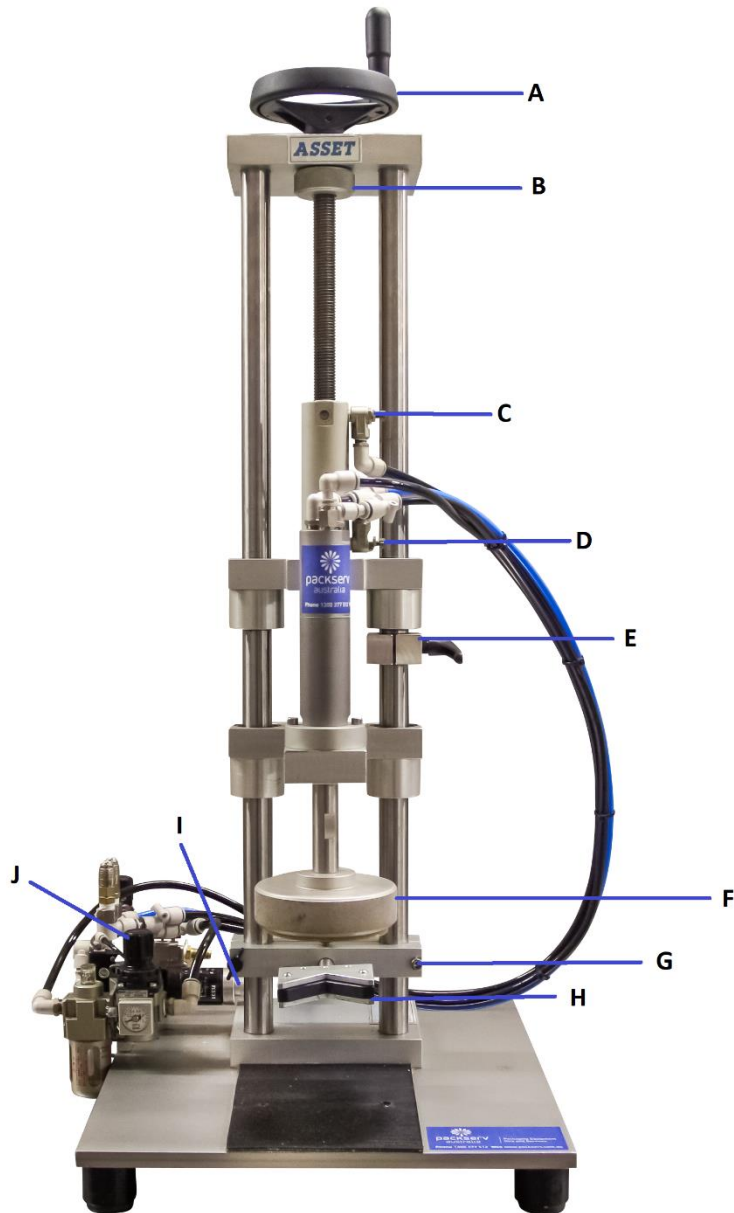
Version 1.0

Packserv Quick Set Up Guide: AC-1

AC-1 Semi-Automatic Capper



packserv
australia



Assigned Letter	Part Name	Description
A	Height Adjustment Handwheel	Adjusts chuck capping height. Clockwise raises head, anti-clockwise lowers head.
B	Knurled Locking Ring	Prevents chuck head travel.
C	Flow Control – Ascent Speed	Adjusts speed of chucking head during ascension. Clockwise reduces speed anti-clockwise increases speed.
D	Flow Control – Descent Speed	Adjusts speed of chucking head during descent. Clockwise reduces speed anti-clockwise increases speed.
E	Height Locking Clamp	Reduces full range of travel of chuck head to increase efficiency.
F	Chuck Head	Applies cap/closure to container.
G	Trigger Height Adjustment	Sets height of trigger.
H	Trigger Guide	Trigger to position container and operate the machine.
I	Dwell Timer	Determines length of application period. Clockwise to increase time chuck operates. Anti-clockwise to reduce time chuck operates.
J	Air Torque Pressure Gauge	Adjusts torque of chucking head. Adjust to alter tightness of closure.

Machine Setup

1. Place machine on bench and plug in airline, ensure that main air supply line to the machine is set to exhaust (red shut off valve 'wings' are across the airline).
2. Attach pedestal if required.
3. Hand tighten a cap/closure onto a container.
4. Loosen the centre locking lever securing the trigger guide (Part H) in its horizontal position (located directly behind Part H) and push back so it's out of the way.
5. Loosen the Knurled Locking Ring (Part B). If it's tight turn the Height Adjustment Handwheel (Part A) anti-clockwise.
6. Loosen Height Locking Clamp (Part E).

7. Place container with tightened lid approximately underneath chucking head and lower using the Height Adjustment Handle (Part A). Once chuck is in contact with lid lower slightly further by turning handwheel twice more completely.
8. Tighten Knurled Locking Ring (Part B).
9. Lift the Chuck Head (Part F) above the bottle to allow clearance to place and remove container. Tighten Height Locking Clamp (Part E) in this position. (In general, approximately halfway between the two aluminium 'T-pieces').
10. Loosen Trigger Height Adjustment (Part G) and set to appropriate height for container, re-tighten (Shoulder of container is a good starting point).
11. Move Trigger Guide (Part H) into a position so that the trigger is depressed whilst the bottle is still positioned directly underneath the Chuck Head (Part F)
12. Remove the bottle.
13. Turn air supply to on (red shut-off valve 'wings' should be in line with the airline). Air pressure on pressure gauge next to red shut-off valve should read 500kpa. ***BE AWARE MOVING PARTS WILL ACTIVATE. STAND CLEAR OF MACHINE.**
14. Keeping hands clear activate the machine by pressing the V-trigger (Part H). Adjust both the ascent and descent speeds using Part C & D respectively. The speed at which the chuck moves up and down should not vibrate/shake the machine. In general the descent speed will be slightly slower than the ascent speed.
15. Set the Air Torque Pressure Gauge (Part J) to approximately 200kpa.
16. Set the Dwell Timer (Part I) to approximately 1 second when chuck head is at its lowest point.
17. Place cap onto container then place container firmly into trigger. Check resulting tightness of cap with hand or torque tester then make required adjustments.

Notes

- ❖ If the tightness of the cap isn't appropriate, then either adjust the dwell timer or the air torque pressure gauge to achieve desired outcome. As an alternative you can adjust the chuck head height.
- ❖ Ideally, when the chuck comes in contact with the closure it should stall when the required tightness of the closure is achieved. If the chuck 'slips' on the cap once it has been fully tightened this will lead to premature wear of chuck liner evidenced by material deposited on the cap.
- ❖ **Please ensure the water collection bowl is emptied before use of the machine.**

Safety

- ❖ To ensure safe operation please be aware of pinch points and possible hazards around the machine.
- ❖ Do not put your face or other sensitive body parts near the machine while operating. If there is an accident or the machine needs to be stopped quickly turn off the air switch or remove the airline immediately.
- ❖ Wear all company specified personal protective equipment while operating the machine including safety glasses.
- ❖ Do not operate the machine whilst under the influence of drugs and/or alcohol.
- ❖ Always observe all safety warnings and notices on the machine, do not remove any covers, disconnect any airlines or attempt any repairs of the machine, only qualified trained technical staff should perform any repairs and only with our written permission.
- ❖ Do not use flammable or toxic cleaning fluids such as petrol or benzene to clean the machine.
- ❖ Keep your face, hands and fingers out of the sealing area. To prevent burns in the event that an unauthorized object or container gets caught under the machine turn off via shut-off valve immediately, then remove object once it is safe to do so.