



Hinowa 18.80 Operating Guide



Bi-Energy

AP1801, 1802

Safety First

Is there a risk assessment for your task... Have you read it and applied its cautions?

- Every access platform must be level before elevation and sited on solid and stable surface.
- Use provided pads to spread load under jack stabiliser foot, always.
- Always use Safety Harness (Fall Restraint not Fall Arrest) (not mandatory over water).
- Remember slow and smooth operation is safe operation.
- Do not exceed max. Safe Working Load of 230kg.
- As a general rule maintain a distance of 10m horizontal from live power lines when fully telescoped out.
- Before driving platform, walk route first. Ensure no weak or soft or uneven ground, manhole covers culverts, cavities etc.
- Stay alert to obstructions and trapping hazard.
- Ensure separation of platform from pedestrians and traffic. Use signage to communicate.
- Be aware of machine weight; approx. 2990kg.
- Are you trained in safe and efficient use of this platform...you should be!

If you were present at machine delivery, you will have signed the "Handover Certificate" demonstrating that you are familiarised with this 18.80.

Hinowa 18.80 – Quick Set Up Guide

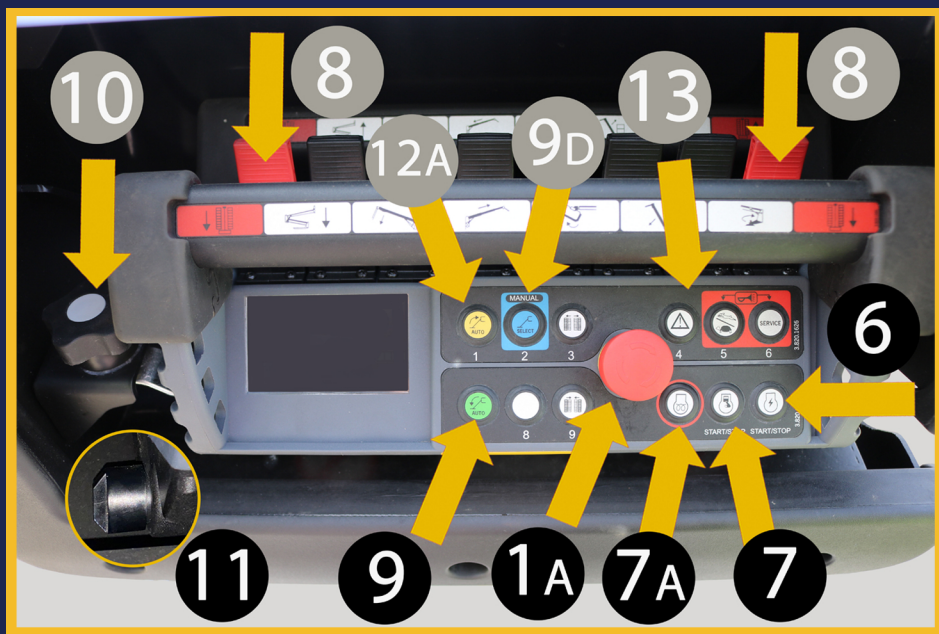
Attention: These instructions are not a substitute for the Operator's Manual which should be read and understood prior to any operation of this machine. Note: the numbered bullet points correspond to each numbered arrow on the images. **Fleet Number:** AP1801, AP1802

1. Release red stop button '1' & 1A'. Tip: Push button in, twist and pull out.
2. Switch on Isolator key '2' under red panel. Push in and turn clockwise. At the end of the works session, remember to turn off the isolator or battery will drain.
3. Ensure switch '3' is set to cage position pointing vertical.
4. Turn ignition key '4' to position 1.
5. If using on lithium battery follow this step otherwise go to step 7. To save discharge (whilst working) or to recharge, connect the 240v transformer plug directly into the mains. Now connect our 10 Metre yellow 110v cable to the transformer and machine. **The transformer must be min. 5,000 KVA along with a min. 3,500KVA continuous with no more than 10 metres of extension cable un-ravelled.** From discharge to 80% - 2 hours. To 100% fully charged - 8 hours. See '5A' to check battery status, it will go green when fully charged.
6. Press button '6'. You are now ready to use on lithium battery.
7. Press button '7' for engine. When starting engine from cold press button '7A' for 8 seconds.
8. Drive the machine using paddles '8'. The cage can be removed if necessary to fit through narrow spaces. Ensure you leave a distance from the machine for good visibility. Drive tracks together to avoid them coming off.
9. Lower the stabilisers using button '9' onto the supplied spreader pads '9A' and don't let go until you see 'ok' on screen. Ensure '9B' is centred. If adjustment required, press '9D' to select stabiliser and lower using button '9'. Once level '9C' must be flashing. N.B. Machine will only operate if necessary pressure under every stabiliser.



Ensure circular foot of stabiliser leg is in the centre.

10. Now get into the cage and insert the control box into its holder, slide under right lip and rotate clamp '10' clockwise to secure. If it's not correctly positioned, you will see error appear on the screen when operating a boom function. Note: some machines have a foot pedal that enables boom functions.
11. Ensure the cage is level before going up, if not use '11' to adjust. Ensure the ladder is up once in the cage.
12. When stowing and lowering down ensure the yellow arrows '12' are lined up and the cage ladder is up. To lift the legs keep pressing '12A' until they are stowed.



Expense Cautions

Mobilising a Paramount Engineer to attend site is expensive. Avoid necessity by following the detail of this guide.

- A) Switch off machine after use to avoid battery drain.
- B) Don't use a lead of more than 10 metres or battery charging will be impaired.
- C) ALWAYS put the machine on charge after each day's use.
- D) When working on engine you "MUST" avoid stop/starting the engine to conserve battery.
- E) Failure to charge battery for multiple days will prevent its ability to re-charge.
- F) When cold, use glow plug to conserve battery.
- G) Mind the grey "curly cable", do not trap in the jib boom. If snagged or pulled it can self destroy, and effect plugs and PCB, disproportionately expensive, £300 plus.
- H) Always stow cage access ladder. They are the lowest part of cage and will break if ground or obstructions collide.

Possible Operating Errors

Stuck in the air?

13. Press and hold button '13' whilst using the relevant function. Note you won't be able to rotate or retract. If this step isn't allowing movement then the only way to get down is by the below emergency procedure.

EMERGENCY LOWERING

**You must call the Paramount Platforms service department before carrying out this procedure.
Call 01268 293031/07754 162873 during daytime working hours or out of hours by prior arrangement.**

14. You will be instructed by a certificated Paramount engineer on how to use the hand pump which is located in image 14 which will then allow a safe descent.