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## PASLODE IM350 - (Battery)

### SAFETY PRECAUTIONS & WARNINGS

It is in the interests of those operating this equipment, and for the safety of others, that these **SAFETY PRECAUTIONS & WARNINGS** are carefully read and understood before operating this equipment.

### PURPOSE

1. This equipment is designed for driving nails and other similar fasteners into wood using motive force.

### PERSONAL SAFETY

2. This equipment is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it. It must not be operated by minors, or by anyone under the influence of drugs or alcohol.
3. If the equipment is not used in a safe, careful and controlled way, personal injury or injury to others may result, see '**NAIL GUN SAFETY**' below.
4. Before attempting to operate this equipment you must familiarise yourself with the equipment, its controls and operating characteristics.
5. Before starting your work, think and plan ahead to ensure you, and others around you, will be working in a safe environment.
6. Vibration from this equipment may be at a level that could be hazardous to the user, if operated for extended periods. Always wear gloves and ensure hands are warm before starting work and they remain warm and dry. Do not grasp the equipment too tightly, only sufficient to safely control the machine. If you experience tingling, numbness or loss of strength in the fingers – stop working immediately. Take frequent breaks and exercise the hands and arms to minimise risks.
7. When using this equipment, it is recommended that the following items of Personal Protective Equipment (PPE) be worn:
  - **Ear defenders providing protection up to 98dB(A).**
  - **Impact resistant goggles to EN166-B or BS2092, grade 1 protection.**
  - **Appropriate industrial gloves.**

**NOTE: Other types of work, or environment, may require a higher level of PPE.**

### NAIL GUN SAFETY

8. This equipment can be extremely dangerous if not used in a safe and control manner. **Only trained operatives should use this equipment.**
9. Always store the equipment in its protective case when not in use.
10. Never point this equipment at yourself, other people or animals.
11. Never allow the equipments work-contact element to come in contact with any part of the body.
12. Never operate or depress the yoke whilst loading or unloading the equipment.
13. Always point the equipment away from you and keep fingers clear of the trigger.

### BATTERIES

14. Use only the correct type of batteries and battery charger for the equipment being used. Do not attempt to charge any other types of battery with this battery charger.
15. Always employ a residual current device (RCD) when connecting the charger to the mains supply.
16. Only use the charger when it is safe to do so, away from people and in a dry and well-ventilated area. Caution - toxic fumes may be produced when charging some types of battery.
17. Do not attempt to use the equipment whilst it is being charged.

### FUEL CELLS

18. Only fuel cells, of the correct type and values, for the model of equipment in use are to be employed.
19. Fuel cells must only be stored in a fireproof container and away from all heat sources.
20. Only load the equipment with a fuel cell immediately before it is required for use and unload it immediately after use, or when making adjustments and cleaning.
21. Should a fuel cell become punctured, potential explosive gases will escape and must therefore be kept clear of any naked flame.
22. Empty fuel cells are not re-chargeable. Always dispose of them in a safe and environmentally friendly manner.

### OPERATING AREA SAFETY

23. Before commencing work, ensure that the area you are to operate the equipment in is a safe environment. Erect safety barriers and warning signs as necessary.
24. Make sure that the work area is clear of obstructions and hazards (projections, cables, pipes, etc.).
25. Before commencing work, warn others who may be working in the vicinity of the equipment, to keep clear. If possible place safety barriers around your work area.
26. Anybody who is working near to you will also need to wear the appropriate PPE.
27. Protect others from noise.
28. Do not use this equipment where there is a danger of igniting fumes from petrol, or gas cylinders.

### BEFORE OPERATING THE EQUIPMENT

#### SAFETY CHECKS

29. Visually inspect the equipment and all its accessories (machine, fuel cells, batteries, charger, cables, plugs, safety barriers, etc.) for serviceability (completeness, signs of damage, undue wear, etc.). Do not use the equipment if found damaged or worn - contact the hire company immediately.
30. Before attempting to operate the equipment, familiarise yourself with the equipments controls. Make sure you understand their purpose and function.
31. Do not use this equipment in the rain or in wet conditions.

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32. Before commencing work, check for hidden electrical cables and pipe work.
33. Before you start the equipment, you must know how to **STOP** it in an emergency.

## OPERATING THE EQUIPMENT

### LOADING & UNLOADING NAILS/FASTENERS

34. For safety reasons, both the fuel cells and battery must be removed from the equipment.
35. Use your right hand to hold the equipment (by its handle) and slide the magazine knob (on the left-hand side of the magazine) rearwards until it locks.
36. Insert the strip of nails/fasteners into the opening at the bottom of the magazine.
37. Carefully, and under control, press the lock release button on top of the knob.
38. Operation of the equipment will cease when approximately five nails/fasteners remain in the magazine and an indicator (at the top of the magazine) will signify that the magazine requires recharging with nails/fasteners.
39. To unload the nails/fasteners, repeat step 33 above and the nails/fasteners will fall out.
40. It is not recommended to use ring shank nails greater than 75mm (3ins) in length into pressure treated wood.
41. When ready to commence work, replace both the fuel cell and battery.

### NAIL/FASTENER DEPTH ADJUSTMENT

42. The work-element contact can be adjusted to provide the desired depth of penetration for a variety of nails/fasteners of both type and length.
43. For safety reasons, both the fuel cell and battery must be removed from the equipment.
44. Slacken the two screws on the work-element contact using a hexagonal (Allen) key.
45. To increase, or accommodate longer, nails/fasteners depth of penetration, slide the work-element bracket towards the equipment. To decrease, or accommodate shorter nails/fasteners, slide the bracket away from the equipment.
46. Once correctly adjusted, re-tighten the two hexagonal (Allen) screws.
47. When ready to commence work, replace both the fuel cell and battery.

### LOADING THE FUEL CELLS

48. Push the metering valve and cap into the fuel cell; a sharp 'hiss' of gas will be released.
49. Remove the valve and the cap from the fuel cell and remove the cap off the fuel cell by pulling it rearwards.
50. Replace the valve into the fuel cell with the front pointing away from you.
51. Push the front of the valve forwards and back, then push the back down into the cell until it 'clicks' twice. The fuel cell is now ready to load into the equipment.
52. Open the fuel cell compartment cover (located at the back of the equipment) and load the fuel cell so that the metering valve goes in last. Position the stem of the valve into the pink aperture of the adaptor and close the compartment cover.

### INSERTING/REMOVING BATTERIES

53. Hold the equipment upside down to insert (or remove) the battery into its recess (located on the right- hand side of the magazine).
54. A flashing green light in the equipments handle indicates a charged battery; a flashing red light indicates a discharged battery that now requires re-charging.

## USING THE EQUIPMENT

55. Only use this equipment for wood-to-wood nailing.
56. Only use nails and other fasteners that have been specified for this particular equipment.
57. Take care not to split the wood when working close to the edge.
58. To drive a nail/fastener into wood, press the work-contact element against the work piece and pull the trigger.
59. Be aware of the reactive forces when the equipment contacts the work piece and the trigger is pressed.
60. On completion of work, remove the fuel cell and batteries and store them and the equipment in safe, secure place.
61. Stop working and switch-off the machine if someone approaches you.
62. Stop the equipment and make it safe before moving it or making any adjustments.

### SECURITY AND MAINTENANCE

63. Visually check the condition of the equipment at the start of each day.
64. If the equipment operates erratically, or incorrectly, do not use and do not attempt to repair it. Inform the hire company.
65. Periodically clean the equipment to ensure it is free from dust, dirt and other debris.
66. When the equipment is left unattended for long periods (i.e. overnight), ensure it is made secure to prevent unauthorised use or loss.

### COLLECTION & PICK-UP

67. For safety reasons this equipment requires you to use a **VAN** or an **ESTATE**.

