

## BASIC TECHNIQUES

Work in such a way that you keep your hands and feet from under the forks and any load. Always place your hands on the control handles when manoeuvring the unit.

When loading and unloading, make sure that the weight is evenly distributed on the pallet so as not to over balance the load. Avoid piling the load up too high, it could topple.

Centre the forks under the load and move the control lever towards you to lift the pallet.

Raise the pallet just enough to clear the floor.

The load and Powered Stacker can now be pushed or pulled to their destination. For safety reasons, though, it will not turn through angles greater than 180 degrees.

Always position yourself so you can control the Powered Stacker while staying clear of the raised load.

Do not allow the unit to travel at speed or change its direction of travel abruptly.

Manoeuvre the unit to where the load is required. Raise the forks until the base of the pallet is approximately 25mm above the surface of the rack/shelf.

Carefully move the unit forward until the pallet is positioned over its final resting place. To stop the Powered Stacker from moving, place firm foot pressure on the toe brake.

Gently lower the forks until the pallet is being supported by the rack/shelf, then move the unit back and clear.

If a pallet is to be removed from a rack/shelf, simply reverse the above actions. Lower the load as soon as possible, DO NOT move the Powered Stacker with a raised load, there is a serious risk of the load and unit toppling over.

If the load is such a height that the operator can not see over it, the pallet truck must be pulled to its destination.

The unit should not be used on slopes, but may be moved on slight inclines provided the following precautions are adhered to.

Never turn a loaded pallet truck when on an incline. When on an incline, the operator MUST position him/herself so that the load faces downward.

Always keep a safe distance from the edge when on loading bays or loading ramps.

If the pallet truck is to be loaded into a lift, check that the lift's SWL is sufficient for the total weight of load and pallet truck. Ensure the load enters the lift first and exits last, no personnel should be in the lift when the pallet truck is being manoeuvred.

Take your time and don't overdo it. You are more likely to have an accident if you are tired or rushing.

## EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease and speed, assume you have the wrong type of equipment for the job. Contact your local HSS Depot for advice.

Keep the equipment clean, you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

DO NOT allow dangerous or corrosive chemicals to come in contact with any part of the Powered Stacker.

When not in use, store the equipment somewhere clean, dry and safe from thieves and unauthorised users.

## FINISHING OFF

Give the Powered Stacker a final clean up, ready for return, to your local HSS Depot.



## ...any comments?

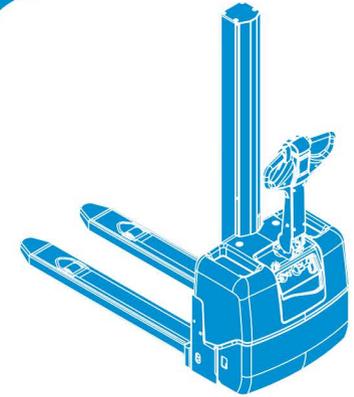
If you have any suggestions to enable us to improve the information within this guide please email your comments to [safety@hss.com](mailto:safety@hss.com)

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# HSS Hire



## Powered Stacker

A battery powered lifter stacker capable of lifting loads of up to 1000kg to a height of 2.0m



Code 70232

## GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Depot.

There is a serious risk of personal injury if you do not follow all instructions laid down in this guide. This equipment is designed to be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability should seek expert advice before using it.

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available for hire from your local HSS Depot.



Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.



Wear practical, protective clothing, gloves, footwear and a hard hat.

Avoid loose garments and jewellery that could get in the way, tie back long hair.



Use this equipment for vertical lifts only and use on a level area able to take the combined weight of the load and the equipment.



Ensure the load is balanced, stable and that personnel stand clear of the raised load.

Make sure you know how to operate this equipment safely and are aware of its limitations before you use it.

## Warning

This equipment **MUST NOT** be used to carry personnel.

It is both the hirer's and the operator's responsibility to perform a risk assessment before using this equipment. You are also responsible for the safety of any person in the work area.

This equipment is not suitable for use in cold storage operations or where the floor has ice or oil deposits.

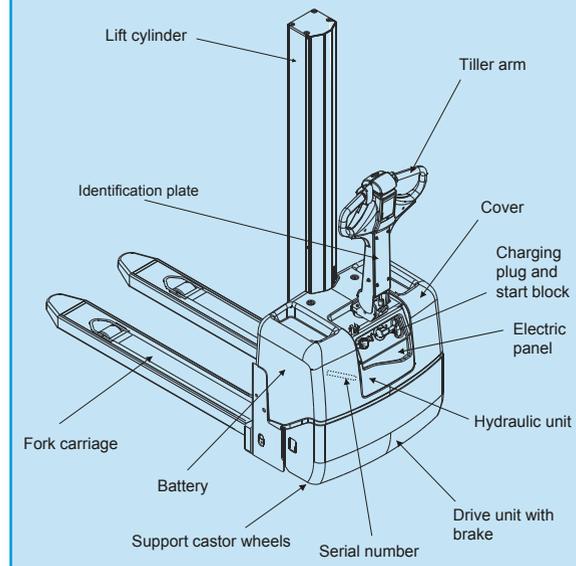
Make sure that anyone in the immediate work area is warned of what you are doing.

Be aware of the raised load when close to any overhead obstructions.

This equipment **MUST NOT** be used to carry unsecured loads.

Never exceed the lift's Safe Working Load of 1000kg. Do not use this equipment to raise items, which are longer than the Powered Stacker's forks. Ensure the load is either attached to a suitable pallet or a specially designed base.

## Powered Stacker



Never leave a load unattended or raised. When not in use, park the Powered Stacker on level ground where the forks will not cause a trip hazard. Ensure the work area is well lit. When moving loads keep to a sensible pace. If you go too fast, or if you try to wheel a heavy load down a slope, it could run away with you. Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Depot.

## ELECTRICAL SAFETY

The HSS powered stacker is powered by two 12V batteries. The batteries are fitted to the unit and the charger is built in. The battery charger is designed to plug into a standard 230V 13A earthed power supply. If an extension lead is used for the charger it should be fully unwound and loosely coiled, away from the equipment. Never run leads through water, over sharp edges or where they could trip someone.

Only recharge the batteries in a well-ventilated area. Keep the charging area clear of naked flames. **DO NOT SMOKE.**

The unit is fitted with a battery disconnect system which will disconnect the battery from the unit in case of an emergency. If a situation should occur where the unit needs to be isolated from its power supply, take a firm grip of the battery disconnect handle and pull it clear. Before the battery disconnect system is replaced, ensure the unit is switched OFF.

To recharge the battery make sure the unit is switched OFF then plug the charger plug into a suitable power supply and switch the supply ON.

The charger will recharge the battery in approximately 8 hours. Once fully charged, switch OFF and unplug the unit from its power supply.

There is a built in safety system which stops the unit working if the plug is not correctly replaced into its storage point. Make sure that you replace the plug securely otherwise the unit will not work.

Charging the unit in very damp or wet conditions can be dangerous.



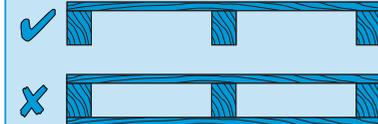
To reduce the risk of electric shock, use a suitable RCD (Residual Current-Operated Device) available from your local HSS Depot.

If the charger fails, or if the charger's power supply cable or plug gets damaged, return it. Never try to repair it yourself.

## GETTING STARTED

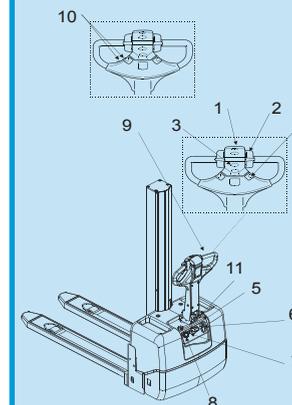
Place the charging plug into the plug socket on the front panel. Enter the key pad code 70232 to power up the stacker. Please note that this type of Powered Stacker cannot be used for lifting pallets which are constructed with both top and bottom slats (see illustration).

### Right and Wrong type of Pallet (GX12 Only)



**DO NOT** use on slopes, soft ground or where there is a risk of subsidence.

## Controls and Instruments



1. Switch for safety reversing
2. Travel direction selector and speed control
3. Control for lifting and lowering the forks
4. Horn
5. LED to indicate start/battery status
6. Charging plug and Start block
7. Ignition key
8. Emergency switch off
9. Tiller arm and brake
10. Automatic height adjustment control (Option)
11. Battery indicator (Option)

Be especially careful when lowering and keep your hands and feet clear of the load.