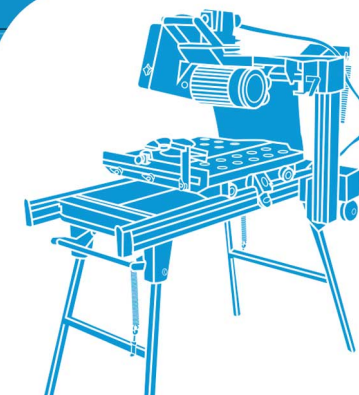


HSS Hire



Electric Masonry Saw Bench

A heavy duty electrically powered site bench saw for cutting bricks and tiles in bulk.



Code 07311

To switch the saw ON, push the green ON button. To switch the saw OFF push the red STOP (OFF) button.

The STOP button can be locked in the OFF position for extra safety, push the button in and turn 1/4 clockwise. To release, turn anti-clockwise.

Familiarise yourself with the switches and their location so that you can operate them quickly in an emergency.

Model 2...

Raise one end and lift the lock bar, the legs will swing down under spring loading.

Lift the other end and lift the lock bar to deploy the second set of legs.

When dismantling, raise the bar and lift the legs until they click back into the stowed position.

To switch the saw ON, push the green ON button. To switch the saw OFF push the red STOP (OFF) button. There is a cover over the two buttons, which depresses the stop button if it is pressed.

Familiarise yourself with the switches and their location so that you can operate them quickly in an emergency.

Whichever model you are using...

Fit the right disc for the job. HSS Hire Shops offer abrasive cut-off discs and diamond discs.

Regularly check the disc's condition and replace if worn or damaged, using only discs supplied by HSS Hire Shops.

Ensure replacement discs are distortion free and undamaged. In the case of an abrasive disc, ensure that the paper washers are not wrinkled or torn.

NEVER FIT SUBSTANDARD OR OLD, USED DISCS.

Release the head lock bar and raise the cutting head.

To fit a disc, switch OFF and unplug the Bench Saw, release the thumb screws and either raise or slide the blade cover up, then immobilise the back flange with the spanner provided (see diagram).

Remove the lock nut or bolt (model 1 right hand thread bolt, model 2 left hand thread nut) followed by the front flange and check the condition of both front and back flanges.

If either are damaged, return the unit to your local HSS Hire Shop.

Locate the disc on the back flange arbour, making sure that both the diameter and the arbour (centre Hole) are the correct size for the machine.

Check the rotation speed written on the abrasive or diamond disc is greater than the machine speed.

If fitting a diamond disc, ensure the direction arrow on the disc corresponds with the direction arrow on the guard.

Finally, replace the front flange followed by the lock nut or bolt and secure the disc in place by turning the nut or bolt.

Take care not to over-tighten, then check that the new disc rotates freely and does not foul the guard, before use.

Lower the blade cover and secure with the thumbscrews.

Fit the drain plug to the water tray, ensuring it is secure, then fill the tray with clean fresh water 25mm from the top.

During use you must ensure the pump is fully immersed in silt free water.

Plug the unit into its power supply and switch the supply ON.

BASIC TECHNIQUES

Two types of cutting action are available, the first is a chopping action where the cutting head is lowered onto the item to be cut.

When using the chopping action, the max depth of cut must be set to ensure the tray is not damaged by the disc.

To set this, lower the cutting head until the disc's cutting edge is 3mm below the top level of the sliding cart. Lock the head in this position with the head lock bar.

Next loosen the depth set bolt (below the head lock bar), slide it upwards as far as it can go and re-secure.

All that remains is to loosen the head lock bar to free the cutting head.

When using abrasive discs the setting will need adjusting as the disc wears down.

The second is with the cutting head locked in a lowered positioned, and must only be used with wet cut diamond discs. Under no circumstances must dry diamond discs or wet or dry abrasive discs be used.

Used for repetitive cuts, either fully through the item or where necessary, a partial cut.

If you wish to lock the cutting head, lower it into the required position and lock with the head lock bar.

If the cut requires excessive pressure, make 2 or 3 shallow cuts.

Place the item to be cut on to the sliding cart against the back fence, there is a cutting guide set in millimetres on the front.

If making a mitre cut, set the mitre guide to the required angle.

Open the water cock, situated at the back of the guard (see illustration). Switch the unit ON followed by the pump, wait for the disc to reach operating speed, then check that water is being fed to each side of the disc.

Next, grip the item being cut and adopt a comfortable, stable stance that lets you see what you are doing while keeping your hands away from the disc.

Move the material along the cut in a straight line, never twist the material or apply sideways pressure as the disc could break up and cause damage or serious personal injury.

Apply just enough pressure to ensure reasonable progress. Too much pressure will damage the disc, the workpiece, and the machine's motor.

After the cut is complete switch the unit OFF and wait for the disc to stop.

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 tool for the job. Contact your local HSS Hire Shop for advice.

Regularly change the water in the tray and wash out any silt before replacing.

Regularly check that the disc and safety guards have not vibrated loose, if either have STOP and contact your local HSS Hire Shop 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.

When not in use, store the equipment somewhere clean, dry and safe from thieves. Protect this unit from frost and freezing temperatures.

Ensure that the water pump is kept clear of debris, clean water is flushed through the pump after use.

The material cart should not be overloaded and avoid dropping materials onto the cart cutting platform. This can damage the wheels and its movement.

FINISHING OFF

Lift the disc clear of the workpiece, switch the unit OFF and wait for the disc to stop before removing the workpiece.

Unplug the unit and remove the disc, abrasive discs should be disposed of, NEVER re-use a used disc!

Empty the water tray and remove any silt then either remove or fold up the legs.

Finally, neatly coil the power supply cable and give the unit a final clean up ready for return, to your local HSS Hire Shop.



... have you been trained

The law requires that personnel using this type of equipment in the workplace must be competent and qualified to do so.

Training is available at HSS Training
0845 766 7799

©HSS Hire Service Group Ltd 2022 No. 735/02
HSS Hire, Building Two, Think Park, Mosley Road,
Manchester M17 1FQ

www.hss.com

GENERAL SAFETY

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



There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.

The hirer has a responsibility to ensure that all necessary risk assessments have been completed prior to the use of this equipment.


This equipment should only be used by an operator who has been deemed competent to do so by his/her employer.

This equipment should 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 either cones, barriers or tape, available for hire from your local HSS Hire Shop.

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

 Safety goggles MUST be worn by everyone in the work area.

 This equipment generates potentially harmful noise levels. To comply with health and safety at work regulations, ear defenders must be worn by everyone in the vicinity.

 Some materials when cut contain substances which, when inhaled, can be harmful to health. A suitable mask must be worn when using this equipment. Respiratory protective equipment is available for hire, contact your local HSS Hire Shop for details.

  Wear practical, protective clothing, gloves and footwear. Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

 This equipment is heavy (81kg), never attempt to lift it on your own, always get help.

Never lift or move this equipment by its power supply cable.

Always switch OFF and unplug the equipment when not in use.

Ensure the work area is well lit and ventilated, if in doubt, ask about lighting and ventilation equipment at your local HSS Hire Shop.

Do not work near flammable gases or liquids, petrol or paint thinner fumes for example. Keep combustible materials at a safe distance - at least 5m.

Make sure you know how to switch this machine OFF before you switch it ON in case you get into difficulty.

Never leave the unit running and unattended.

Always disconnect the machine from its power supply before making adjustments to it. Check that you have removed all spanners before restarting.

Having switched OFF, always wait for moving parts to come to rest.

Make sure that everyone is warned of what you are doing.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, return it to your local HSS Hire Shop.

Ensure the guard is correctly fitted and secure before starting work.

ELECTRICAL SAFETY


The HSS Electric Masonry Saw Bench must be provided with a suitable 110V 32amp generated supply, or powered from the mains via a suitable 110V transformer.

If the equipment fails, or if its power supply cable or plug becomes damaged, return it. Never try to repair it yourself.

Keep cables out of harm's way, and clear of the work area.

Extension leads should be fully unwound and loosely coiled, away from the equipment. Never run them through water, over sharp edges or where they could trip someone.

Keep the equipment dry, using electrical equipment in very damp or wet conditions can be dangerous.

 To reduce the risk of electric shock, always use a RCD suitable RCD (Residual Current-Operated Device) available from your local HSS Hire Shop. Or power the equipment from a mains circuit with a built in RCD.

This equipment are fitted with an NVR (No Volt Return) switch. The switch will only stay in the ON position if there is a power supply. If the power supply is interrupted, for whatever reason, the switch will move to the OFF position. This safeguards the user

so that when the power is restored, the machine will not automatically start up without warning.

Ensure the machine and power socket are switched OFF before plugging into the power supply.

GETTING STARTED

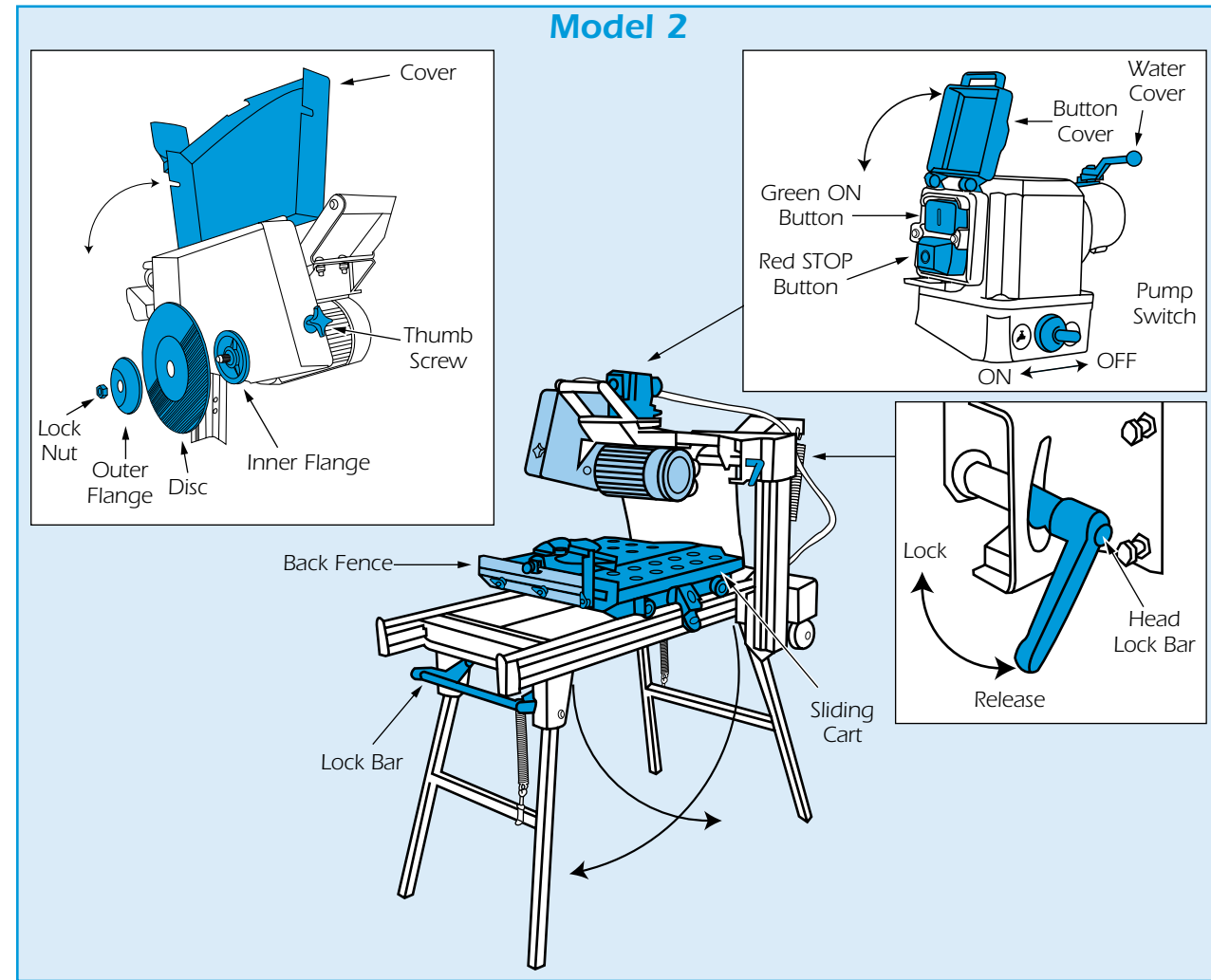
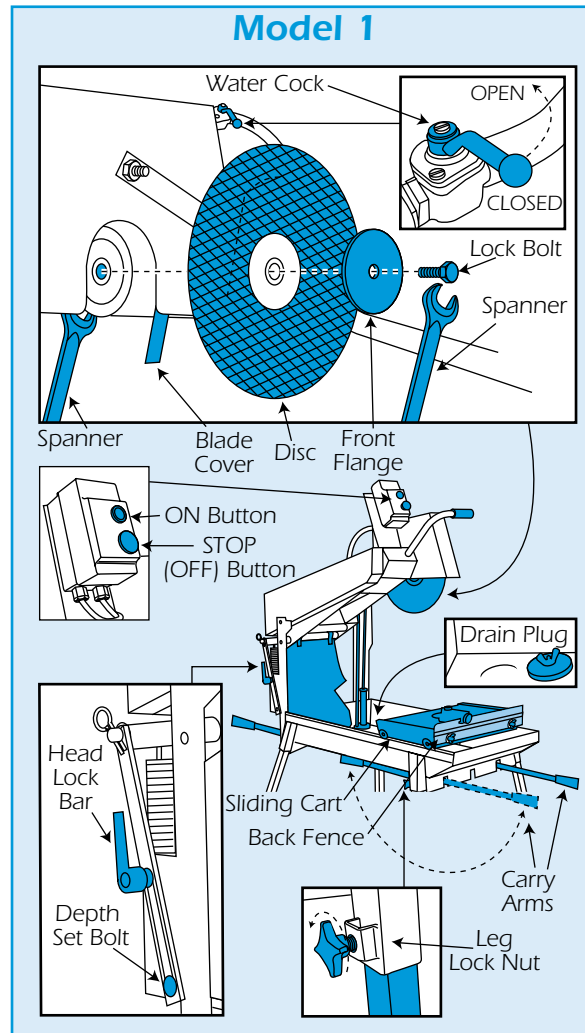
Position the Bench Saw on firm level ground, in an area that allows adequate space for the operator to work.

There are two models available.

Model 1...

Fit the bench with its 4 legs and secure them in place with the leg lock nuts.

There are four swing-out carry arms under the unit (see illustration). If used, ensure they are folded back under the unit before proceeding.



Know Your Symbols

HSS have created clear Icons to inform the hirer of their responsibilities towards the safe use of hire equipment.

These are designed to reduce the amount of different safety information labels required for each product for hire.

General use PPE / Warning

Clearly marked minimum PPE will be visible on all equipment,



Correct PPE must be worn



HAV Hand Arm Vibration



Danger Rotating blade



Danger Hot exhaust



Danger Electric shock



Caution Abrasive Wheel



Caution Finger trap

Fuel and Supply Types



Pe
Petrol



Di
Diesel



2t
2 - Stroke Petrol



EI
Electric

Safe Procedures

All hirers must understand and respect the safe procedures of all equipment.

It is the responsibility of the hirer to maintain and return the equipment in a clean condition and good working order.



Ro
Read OPS Guide



Ou
Outdoor Use only



HI
Heavy Lifting



Cd
Check Oil daily



Cf
Check Fuel daily



Cw
Check Water daily



Bc
Battery Care



Sh
Safe Height Working



Swl
Refer to Data Plate



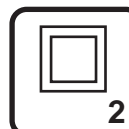
V
Check Power Voltage Data Plate

Electrical Safety

Safe wiring procedures.



Ea
Must be Earthed Class 1



Doi
Double Insulated Class 2



Enl
Earth Live Neutral Wire Coding

Return Responsibility

Charges apply to equipment returned dirty and damaged.



Cc
Cleaning Charge



Rc
Repair Charge