- Do not use this saw in the rain, or where it
- Do not use of explosion. It will ignite fumes from petro
- Protect other people from the noise, dust and hazard. Warn others to keep away: put up signs, or barriers around your work

### OPERATORS

- The following items of personal protective equipment (ppe) are the minimum which should be worn whenever you use this machine. Particular jobs or environments may require a higher level of protection.

  You must wear impact resistant goggles (EN166-B or BS2092 grade 1) whenever
- Dust from softwood, hardwood and composite materials can be hazardous to heath wear an appropriate dustrask (with a minimum of EN149 FFP3(s) protection) you use this saw bench. This equipment is likely to cause noise levels up to 100 dB(A) – wear appropriate ear muffs or plugs giving hearing protection for levels up to 100 dB(A).
- 6. The saw is normally transported in saw bench mode. Read the instructions on changing from sawbench to mitre saw if you plan to set it up as a mitre saw.

  7. If you plan to cut sheets of wood or composite material that are larger than the sawable, you will need an assistant. Use a table extension contact the hire company if one has not been supplied.

  8. Check that any table extensions, fences and cutting guides are properly fixed in

when you are cutting any material that

Make sure you have no loose or flapping clothing that could get caught in the saw. Anybody who is working near to you will need to wear the same safety equipment.

Hire Association Europe 2450 Regents Court The Crescent Birmingham Business Park Solihull B37 7YE

### fLIPOVER SAW 1. Check your flim

- Check your flip-over saw, including guards, switches and cables. If anything is found damaged, do not use the machine: contact
- Check that the plug on your machine matches your supply. Do not try to force connections or improvise them.
- 3. Machines with a cylindrical yellow industrial plug fitted are designed to run off a special 110v supply. The hire company will have provided a portable transformer if you need to power the machine from a normal mains 230v supply. If a portable transformer has been supplied, take care not to injure yourself when moving it about it may be heavier than you think. Machines designed to run directly from 230v mains will have either a normal square pin plug fitted, or a better the programment of the programment.
- blue industrial plug.

  The machine weighs around 36kg (80lb) –
  be careful when you are moving it into
  position. You may need two people to do
- To fit the legs, place the machine on a bench or strong table. Pull the machine forward and fit each leg in turn, making sure that the clamping wing nut is done up securely.

Lay the extension cable out carefully avoiding liquids, sharp edges

If you need an extension cable use a suitably rated heavy duty one, not longer than 50 metres (160 feet). Plug it directly into

# **Before Starting Work...**

Useful Reference Points • www.hae.org.uk/businessguard

















## 110 VOLT MACHINES Make sure that any extension cables connections are dry and safe.

10. You will need a proper gripping or clamping tool if you are going to cut round section

Check that you have a proper push stick with the saw, ready for use.

- if you are using a portable is transformer, plug the transformer directly into the 230 volt socket. Do not use any 230 vextension cables.

ELECTRICAL SAFETY 230 VOLT MACHINES

Make sure that you understand all of the controls. Before you switch the saw on, you must know how to switch it off. Sawdust is flammable and can present a risk of explosion – dispose of it carefully. Never put it onto a fire.

- If you need an extension cable, you must only use a suitable 100y one, between the transformer and the machine.
   Any extension cable should be a suitably rated heavy duty one, not longer than 50 metres (160 feet). Plug it into the transformer.
- Lay the extension cable out carefully avoiding liquids, sharp edges, doorways or windows where it might get trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could
- Make sure that any extension cable connections are dry and safe.

directly in to the 230 vot socket. Plug your socket into the 230 vot socket. Plug your nachine into the rod.
This will help to protect you against electric shock caused by faults on the 230v cable.

- and machine case.

  Use the "TEST" button to check that the rcd is working each time you use it. Reset the rcd according to the instructions supplied catch fire
- USING THE SAWBENCH
  Check that the riving knife and upper blade
  guard are in position.

  Wear your protective equipment including
  goggles and ear defenders.

## Use the rise and fall adjuster handwheel adjust the depth of cut.

To prevent damage to your blade, check that there are no nails, screws or metal embedded in the material you are going to

material approaches the blade, the push stick must be used. Push the material until it has cleared the riving knife at the rear of the sawblade.

Keep both hands clear of the blade at all







- trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
- 6.
- Check that the push stick is within easy reach, ready for use. You can cut bevels by releasing the bevel clamp handle that is at the front of the saw table. Make sure that the sawhead is properly clamped once the correct angle has been reached.

79.

let the blade stop first.

Make sure that the machine ventilation slots do not become blocked with dust or

18. Do not attempt to sweep away sawdust or debris while the saw is on. Switch off, and 17. Use the push stick to move offcuts or small pieces of material away from the blade.

Use a proper grip or clamping device for cutting round section fimber.

If you have an assistant to help you with large sheets, make sure that they are ready, and standing well clear of the rear of the table.

Unplug the machine before changing mode or making any major adjustments.
 Unplug the machine before leaving it unattended.

SAWBENCH TO MITRE SAW

1. Unplug the saw.

Remove the blade guard by pulling the plunger knob on the blade guard to release the guard from the riving knife. Store the guard safely, together with the push stick, they will be essential when the flip-over saw

is used as a sawbench.
Remove the rip fence and mitre fence, i

- Check that there are no obstructions on the table, and that the blade is clear before switching the saw on.
- 10. The saw The saw is turned on and off using the controls that are at the front left of the table. Once switched on, the saw will run continuously until the off/stop button is
- 11. Keep your hands away from the blade at least 300mm (12") from the cutting line, and 150mm (6") from the sides. You must use a proper stick to handle small pieces of
- 12. Pay attention to the work, and always be prepared for unexpected movement of the material being cut.

A Pull the table release lever to the left, then lift the rear of the table and swing it right over until it locks into position at the front.

5. Partially lower the saw head, and disengage the lower end of rise and fall adjuster from its support at the rear of the sawhead. Swing the adjuster upwards until it clips into place in its nearly upright position. Left the saw head rise back into

- 13. Let the blade run up to full speed before feeding the wood up to it.
- 14. Feed the wood steadily onto the blade. Do not force it this will not result in a faster cut.
- 15. As the trailing edge of a larger sheet

## normal position. Slacken the riving knife clamp knob to allow the riving knife to be slid to the left and then swung up into the guard away from the blade. Tighten the clamp knob.

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Please store this leaflet safely. It may be required for further information

- If your equipment does not work properly, do not attempt to repair it. Contact the hire company
- This machine is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.
- This machine must not be used by minors, or by anyone under the influence of drugs or alcohol You must have at least the following items of presental protective equipment; goggles – importnessiant EN166-B or BS2082 grade 1; dust mask – a minimum of EN149 FFP3 (8) protection; mufts or plugs giving protection for levels up to  $100~{\rm dE}(A)$ ; gloves.
- 4. r.
- Do not use it to cut asbestos or metal.

The purp state of the control of the

do not become blocked with dust or debris. Unplug the machine before changing mode or making any major adjustments.

15.

Check that there are no obstructions on the table, and that the table is and that the ball of the control on Eur TGS172 machines, the on/off switch is on the handgrip. On DeWall DW742 machines, the on/off switch is at the lower left of the table — the same as in

- The flip-over saw can be set up either as a pull-down mitre saw, or as a sawbench. Do not try to use it in any other way, it can cut wood and similar composite materials using the standard blade.
- It is important to read all of this leaflet BEFORE you use the Flipover Saw

7. Squeeze the handgrip to partially withdraw the blade guard before you pull the sawhead down.

8. Let the blade run up to full speed before applying it to the workplee.

9. Feed the blade steadly into the wood. Do By on of force it—this will not result in a faster cut.

10. Keep your free hand clear of the blade at all not be and a start of the same of the blade at all not be a start of the blade

Wear your protective equipment including goggles and ear defenders.

To prevent damage to your blade, check that there are no nalls, screws or metal embedded in the material you are going to

cut.
There is a small sliding spacer on the blade guard – you may need to move this to prevent it fouling on some sizes of timber.

Use packing pieces under the timber as necessary to allow maximum depth of cut. Check that there are no obstructions on

Plan your work and think ahead to make sure you will always be working safely.

Electricity can be hazardous and must always be used with great

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

# DeWalt / Elu Flipover Saw



2203 Safety Guidance



For guidance on managing construction health risks go to www.hse.gov.uk/construction





Using the Mitre Saw











MITRE CUTS
1. You can adj

Yoz on adulating eawhead to male mitter there are present positions and official middle and a facility and at straight cross-out, positions. The depth of our lis limited at positions of the rhan straight cross-out.

I Release the furnitable clamp. Lift the furnitable location plunger and turn it anti-clockwise a quarter furn.

Move the sawhead to the required angle. The plunger will re-locate at the machined pre-set angles. Lock the turntable clamp. The plunger will re-locate at the machined pre-set angles. Lock the turntable clamp, turning it to the left. Release the bevel clamp handle. This is spring loaded to allow a ratchet action where space is limited.
Set the sawhead to the required angle, using the scale on the right hand side of the sawhead into position, using the bovel clamp handle. Use the ratchet mechanism to leave the clamp handle in a horizontal position so that it does not foul BEVEL AND COMPOUND CUTS

1. The sawhead can be tilted at up to 45° to the left to allow bevel cuts. This can be done in conjunction with mitre cuts to allow compound cuts. Note that the depth of cut will be jess than that available for straight STANDARD EQUIPMENT 30 tooth TCT blade Parallel fence Sliding/mitre fence Push stick secured.

Stacken the riving krite clamp enough to allow the riving krite to swing down and silde across into position behalf the blade. If the riving krite is clear of the blade, and then tighten the clamp knob.

Check that the mitter depth stop is turned to the right to disengage.

Pull down the sawhead then unclip the rise and fall adjuster from its parked position. Swing the adjuster from its parked position. Swing to make a section the irrest to the disense the swhead so that the U shaped bracket at its base sits on the irrest to hold the adjuster in position. Shaped bracket at its base sits on the irrest to hold the adjuster in position. Shaped bracket at its base sits on the irrest of hold the adjuster in position. Swing the readiuster in position. Swing the trable refers to the latch the table up. Turn the table right over until the latch locks back The file over axes to be stranged the saw the head of the instructions for changing from mitre aw to sawbench if you need to change mode.

 Make sure that the push stick and any accessories are safely stoned with the saw before transporting it. Unplug the saw.
Set the sawhead into the O° straight cross-cut position, with the location plunger correctly located, and the turntable clamp MITRE SAW TO SAWBENCH
1. Unplug the saw.
2. Set the sawhead into the O° straint

OPTIONAL EQUIPMENT
Slading table
I'h extension table
adjustable stand
guide rods
stops
hinged stop
dust extraction kit positioning.

Variant in the upper blade guard to the riving kindle. Make sure that the spring-loaded plunger on the guard is properly located in the hole in the riving kindle. If required, iff the rip fence to the table.

Into position.
Using the large handwheel on the rise and fall adjuster, bring the saw blade and riving knife through the table to a suitable cutting