

MOST IMPORTANT - RISK ASSESS!!!

Before you commence any work at your chosen work area, you should undertake some preliminary **hazard identification and risk control** precautions. Ideally more than one person should do this. This is undertaken by:

1. Physically inspecting the work site
2. Reviewing the best way/job steps required to complete the task
3. Reviewing the Safe Work Information supplied with the equipment
4. Reviewing other reference documentation and expert advice

The hazard identification and control process steps are defined as:

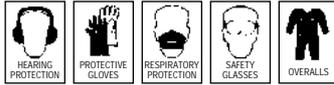
1. Identify the Hazards (eg. 240V power drill use around wet areas)
2. Assess the Risk (multi earth paths - possible electrocution)
3. Select the Control Measure (e.g. dry the area; use an RCD; use a cordless drill etc)
4. Re-assess the Risk (risk of electrocution now negligible). This is undertaken to ensure that the risk control measures adopted have not introduced any new risks to the work area.

HELP

If the unit does not operate correctly or you are unhappy with its performance, return it to the nearest Kennards Hire Centre for exchange or phone for assistance. **Do not attempt repairs yourself.**

Refer to your hire contract for details of our **AFTER HOURS EMERGENCY NUMBER.**

PERSONAL PROTECTION EQUIPMENT (PPE)



SAFETY DO'S

DO take your time - **Read this User Guide** and other Safety material completely and in its entirety BEFORE operating the concrete planer and familiarise yourself with the planer STOP button.

DO wear appropriate Personal Protective Equipment (PPE) as illustrated before using the planer.

DO wear snug fitting clothing and ensure no clothing, hair, jewellery can become entangled in the machine.

DO always operate in a clear work area preferably free from persons, animals and hazards.

DO ensure that you have secure footing & clear access & egress to the work area while on the job.

DO be sure the equipment will not tip over, roll, slide or fall when operated, particularly when operated on or across an incline.

DO ensure the work environment is well lit with all aspects of the job easily seen and discernable.

DO be sure that cutter drum assembly has been properly installed and cutter drum shaft is in place and secured.

DO ensure engine is shut down and spark plug is disconnected before inspecting, maintaining or cleaning.

DO ensure that the cutter & belt guard is fitted & functional - check before starting the planer.

DO ensure adequate ventilation if using the planer in a confined area - Carbon Monoxide fumes can KILL.

DO ensure that the material to be milled does not contain any "live" electrical cables or gas lines.

DO ensure that the fuel tank cap is securely fitted after refueling.

SAFETY DON'TS

DO NOT operate the planer if you are tired or suffering any medical condition, or under the influence of any form of drugs or alcohol which may cause lethargy or pose risks to yourself or others.

DO NOT smoke while in the vicinity of petrol, petrol containers or any petrol powered equipment.

DO NOT refill fuel tank while engine is in operation or hot or in the vicinity of sparks, naked flame or person smoking.

DO NOT overfill the fuel tank. If a spillage occurs, ensure that the area is dry before starting the motor.

DO NOT start or use the planer within 3 metres of any fuel containers.

DO NOT operate the planer indoors or in a poorly ventilated area. A build up of fumes can KILL...

DO NOT touch the cutters with your hand or any part of your body while the motor is running.

DO NOT contact any part of the machine marked "Hot" or that may be hot and cause burns.

DO NOT attempt to use the planer one handed.

DO NOT leave machine unattended when it is running.

DO NOT operate the planer with out the belt or cutter guard correctly fitted.

HELPFUL HINTS

SELECTING CUTTER WHEELS

STAR CUTTER

Used for removal of paint, glues, epoxy resins, fibre-glass, tar.

TUNGSTEN CARBIDE CUTTER

Used to:

- Create light scouring on concrete surface (eg for non-skid purposes)
- Level out concrete surfaces.
- Remove high spots such as lips and grooves in concrete and mark concrete.

CUTTING PATTERNS

By realigning the cutters, a different finish can be achieved. Offset the cutters for a smooth finish and align the cutters for a grooved finish (useful for a non slip application). Please contact Kennards Hire before changing the configuration.

SELECTING DEPTH OF CUTTING

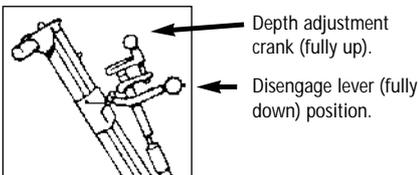
Maximum depth of cut: Star cutters 2mm (1/16")

Maximum depth of cut: Tungsten cutters 3mm (1/8")

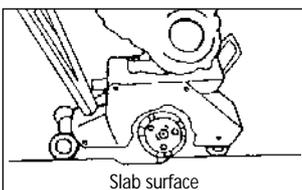
Don't try to achieve a greater depth of cut in one pass. You may need to make several passes over an area to achieve the depth required. Do not overload machine, serious damage can occur.

BEFORE STARTING

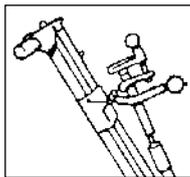
1. Check engine oil level - must read full.
2. Check fuel level is satisfactory.
3. Position planer on surface to be worked with depth adjustment fully up. Set the "disengage lever" in the full down position - Refer to Fig 1 below.



4. Now with the "disengage lever" in the down position, adjust cutter wheels so they just touch the floor surface using the "depth adjustment crank lever" - Refer to Fig 2 below.



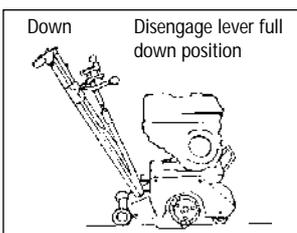
TO START



1. Raise the "disengage lever" to the up position.
2. Open choke lever.
3. Turn fuel tap switch to on.
4. Turn ignition switch to on position.
5. Open throttle (located on side of handle) to 3/4 position (back for full revs.)
6. Take up rope play in recoil, then pull swiftly to start.
7. When engine is running - close choke to off position.
8. Set throttle back to idle position.
9. Attach vacuum hose to cutter and switch on vacuum.

TO OPERATE

1. Set throttle to full revs (back position).
2. Lower "disengage lever" slowly in full down position - cutters should now be just touching the floor surface.
3. Turn "depth adjustment crank" lever down until the desired depth of cut is reached. (Max 3mm per pass)
4. Now lock the "depth adjustment crank" lever into the nearest hole position.
5. Walk slowly behind the machine using the "disengage lever" to raise cutters from surface at the end of the pass.
6. As the cutters contact the floor surface, the planer will have a tendency to pull away; you should resist and restrain the forward pulling direction.



TO STOP

1. Raise the "disengage lever".
2. Turn throttle lever back to idle position (in line with handle).

3. Turn fuel tap off.
4. Turn engine off at ignition switch or depress stop button on handle (hold down until engine stops running).

MAINTENANCE ON SITE

- Check engine oil.
- Check fuel level.
- Check wear condition of cutters - tilt machine forward to check.
- Grease daily (2 bearings).
- Check locking nuts (x1) left hand thread on main shaft of drum.
- Empty dust bag from vacuum cleaner.

TROUBLESHOOTING

IF THE ENGINE WON'T START

- Check fuel level.
- Check spark plug lead has contact.
- Check fuel tap is turned on.
- Check ignition switch is turned on.
- Check that air filter is clean and dry.

IF THE MACHINE WILL NOT PICK UP DUST

- Check vacuum hose is secured.
- Check vacuum is not full.

IF THE MACHINE IS NOT CUTTING

- Check "disengage lever" is in the full down position.
- Check "depth adjustment crank lever" is locked in position.

HANDLING

Always transport in the upright position.

SPECIFICATIONS

Weight - 92kg

Size (LxWxH) - 950mm x 460mm x 100mm

Width of cut - 200mm

Depth of cut:

Star cutters - 2mm

Tungsten cutters - 3mm

Cut to wall - 50mm

Power - 4 stroke 9hp self propelled motor

Fuel type - Unleaded

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