

## SPECIFICATIONS

Power supply	240v
Off load current	5amp
Average on load current	8amp
Noise	100 dBa at 1m (3' 3")
Motor:	Continuous heavy-duty. AC self-cooling, 4 brush
Motor rpm	8500
Drum rpm	3300
Sanding drum	200mm (8") wide moulded rubber
Weight	44kg (97lbs)

## IMPORTANT PLEASE READ CAREFULLY

This machine is hired under terms & conditions of the Hire Contract.

No liability will be accepted for any damage caused to persons or property through failure to observe operating and safety instructions.

A charge will be made for any damage caused to the machine through misuse or failure to comply with operating instructions.

Hirers are also reminded that they are liable for the replacement cost of any machine & accessories, lost or stolen.

**BE SECURITY WISE - DO NOT TAKE ANY CHANCES**

***E&J HIRE***

***Tel: (01843) 868185***

***Mobile: 07745 409795***

***Online catalogue: [www.ejhire.co.uk](http://www.ejhire.co.uk)***

# FLOOR SANDER

Model HT8 – 240V

This machine is fitted with a relay switch  
(It cannot be turned on unless power is supplied to switch)

## SAFETY NOTES

- **We strongly recommend using a residual current device with this machine.**
- **DO NOT** expose machine to rain, or allow any contact with moisture. It must be operated and stored in a dry environment.
- **CHECK** that the operating voltage is correct before plugging in and that any extension cables you supply / use, are in good condition / sufficient rating.
- **DO NOT** carry the machine by, pull on, or stress the power cable.
- **NEVER ALLOW** children or anyone uninstructed to operate the machine. **KEEP ALL CHILDREN & PETS AWAY FROM MACHINE AND WORK AREA.**
- **ALWAYS SWITCH OFF** and remove plug from socket before fitting sanding sheets, or cleaning etc.,
- **RECOMMENDED SAFETY WEAR** facemask & ear defenders.
- **NEVER** try to operate machine unless a sanding sheet is fitted or continue using with a damaged / worn sheet.
- **STOP MACHINE IMMEDIATELY** any damage to sanding sheet or machine is suspected.
- **ALWAYS** empty dust bag before it is one third full:
  - **Accumulations of mixtures of wood dust, previous finishes & chemicals are liable to spontaneous combustion.**
  - **The weight of material in dust bag can pull it off machine, resulting in an instant and dangerous 'dust out'.**
- **NEVER** empty contents of bag into an open fire or incinerator as explosive.

**BE extremely careful that you do not sand over the power cables. If suspected power cable damage, SWITCH OFF AND UNPLUG before inspecting.**

**IF A FAULT** develops; do not attempt any to repair.  
Contact E&J HIRE Tel: 01843 868185

## **BEFORE USING**

Clear, sweep and vacuum work area.

Any loose floorboards must be made secure.

PROTRUDING NAILS, SCREWS, CARPET TACKS etc., will tear and destroy sanding sheets. CHECK THAT ALL are either removed or punched down below surface.

Fit sanding sheet before attempting to use machine.

## **SANDING SHEETS**

24 Grit	For removing previous surface coatings such as varnish, stain, wax and polishes etc., Also for levelling rough and uneven floors.
40 Grit medium	Second sanding of floors.
80 Grit fine	Final sanding of new and old floors.

## **FITTING SANDING SHEETS**

Tip machine backwards on to its handle (do not tip on its side) and lift drum cover.

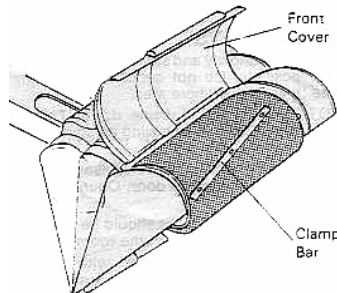
Slacken the 2 clamp bar screws sufficiently to feed one end of sanding sheet under bar, feed in as far as possible (the screws will locate in sheet slots).

Rotate drum a full turn with sheet tight to it, and then locate other end of sheet fully under clamp bar (smooth sheet in place ensuring that it is not loose on the opposite side of drum to clamp).

Tighten screws down evenly. The sheet will tighten into place as this is done and clamp bar / screws will recess below the surface of drum.

## **THE SCREWS MUST BE TIGHT – CHECK**

**FAILURE TO TIGHTEN THE SCREWS FULLY CAN ALLOW THEM TO VIBRATE LOOSE CAUSING EXTENSIVE DAMAGE TO YOUR FLOOR, AND THE SANDING MACHINE THE COST OF WHICH YOU WILL BE RESPONSIBLE FOR.**



## **SANDING SHEETS BREAKING DURING USE**

Caused by several things.

- Failing to fit sheets tightly on the drum.
- Overuse of a sheet during sanding operations causing it to break-up.  
**Change sheets as soon as it is clear they are not sanding fully.**
- Catching and tearing on a missed nail, screw or in particular a carpet tack.
- Failing to fully remove pieces of a previous broken sheet from machine.  
(Any pieces left in machine drop down and smash a newly fitted sheet).

## **REMOVING PIECES OF A DAMAGED SHEET FROM MACHINE**

Unplug & lay machine back on its handle (as when fitting sheet).

Below drum you will see a stainless steel 'T' shape plate held in place with 3 + head screws.

Loosen these screws 2 or 3 turns then the plate will slide up and out, exposing dust extraction channel and fan.

Any broken pieces of sheet will be trapped here and should be removed.

Replace plate SLIDING FULLY INTO SLOTS with marked face outwards.

Tighten screws. **THESE SCREWS MUST BE TIGHT - CHECK.**

## **OPERATING MACHINE (BEWARE Do not sand over power cable)**

Always try to sand with the wood grain i.e. along the length of floorboards, or at worst no more than at a 45-degree angle.

- Fit sheet.
- Bear down on handles to lift drum off floor and switch on.
- Gently lower drum to floor (do not drop or bump drum down), the machine pulls itself forward so you need to hold it back to control steady forward progress.
- At the end of run, feather drum off floor.
- Feather drum to floor and pull machine backwards over first pass, feather drum off at end of run.
- Keeping drum off floor, manoeuvre machine to position alongside sanded run and continue.

Continue sanding whole floor evenly, changing sheets and grade of sheet as necessary until you are happy with the finish achieved.

**NEVER ALLOW SANDER TO BE STATIONARY WHILST RUNNING, YOU WILL SAND A GROVE IN YOUR FLOOR.**

**WHILST WAITING FOR MOTOR TO STOP, HOLD DRUM OFF FLOOR UNTIL IT HAS COMPLETELY STOPPED.**

The untouched area around edge of room is sanded with the EDGING Sander.