

HT8 DRUM FLOOR SANDER

From Serial Number
07294 (240/240 Volt) & 03415 (110/120 Volt)



OWNERS MANUAL & OPERATING INSTRUCTIONS

SPECIFICATION

The HT8-1.2 Hiretech Floor Sander will sand hard and soft wood floors, cork and composition floors that require rapid sanding and levelling to a fine finish. A powerful motor drives a finely balanced sanding drum which is covered in a unique drum rubber providing a high quality finish to both hard and soft woods and other surfaces. Completely self contained with a high efficiency dust pickup the machine breaks down into three simple component parts for easy transport. With low voltage trip and overload protection the HT8-1.2 is a high performance sander suitable for professional and home owner use.

Power Supply	110/120 V 50/60 Hz 220/240 V 50/60 Hz
Off Load Current	110/120 V 8A 220/250 V 5A
Average Load Current	110/120 V 15A 220/250 V 8A
Noise	95 dBa at 1 metre (3' 3")
Vibration	1.60 m/s ² r.m.s.
Switch	Low voltage trip and overload protection.
Motor	Continuous heavy duty AC/ DC self cooling 4 brush.
Motor RPM	8,500
Drum RPM	3,300
Sanding Drum	8" (203mm) wide aluminium extrusion with moulded rubber drum cover.
Drive	Non-slip toothed timing belts and gear cut pulleys.
Dust Pickup	Seated oversize vacuum fan with adjustable dust pan, disposable paper dust or cloth bag.
Moving Parts	Sealed for life ball bearings.
Guards	High impact injection moulded ABS.
Abrasive	495mm (19.5") total length x 203mm (8") wide sheet with notched and angled ends 24 to 120 grit.
Power Cable	7m (23') Non-marking outer insulation.
Weight Net	41.5kg (91.5lbs)
Shipping Weight	50.0kg (110.3lbs)
Shipping Dimensions	78 x 40 x 44cm (30.75" x 15.75" x 17.5")
Warranty	2 years



Read the following Safety and Operational notes before using your Hiretech Floor Sander.

SAFETY

1. For safety it is recommended that a residual current circuit breaker (ground fault interrupter) is used with this machine.
2. Check the operating voltage is correct and that the machine is switched OFF ('O') before connecting to the power supply.
3. Always disconnect from the power supply when changing the abrasive paper, servicing the floor sander, replacing the dust bag or leaving the machine unattended.
4. Always replace the dust bag (paper type) or empty the dust bag (cloth type) when the dust in the bag reaches the 'MAX' line or when the machine is left unattended.
5. Never dispose of or empty the contents of the dust bag into a fire or incinerator.
6. Never reuse the paper dust bag or use a non standard bag. Cloth bags must be in good condition with no holes.
7. Always wear a dust mask when using the floor sander, handling the dust bag or cleaning the machine after use.
8. Wear ear protection when using the floor sander.
9. Ensure adequate ventilation of the work area to avoid the formation of a combustible mixture of flying dust and air.
10. Never smoke when using or servicing the floor sander or when handling the dust bag.
11. Never expose the machine to rain or damp. Always store in a dry place.
12. Stop the floor sander immediately if damage to the machine or abrasive paper is suspected.
13. Never allow the power cable to come into contact with the sanding drum when the floor sander is in operation. If the power cable becomes damaged and the inner conductors are exposed switch the power OFF and remove the plug before attempting to move the machine. The cable must be replaced by an authorised dealer or qualified electrician using Hiretech® genuine spare parts only.
14. Keep hands, feet and loose clothing away from all moving parts of the machine.
15. Punch down or remove all nails, screws, tacks and other fixings from the floor before sanding to prevent contact with the sanding drum.
16. Never operate the machine without all the guards in place.
17. Keep children and pets clear at all times.
18. If the machine should fail to operate refer to the Fault Finding Guide on page 10.
19. The HT8 is heavy, take care when lifting and transporting the machine. Always break down the machine into its component parts when lifting and transporting.

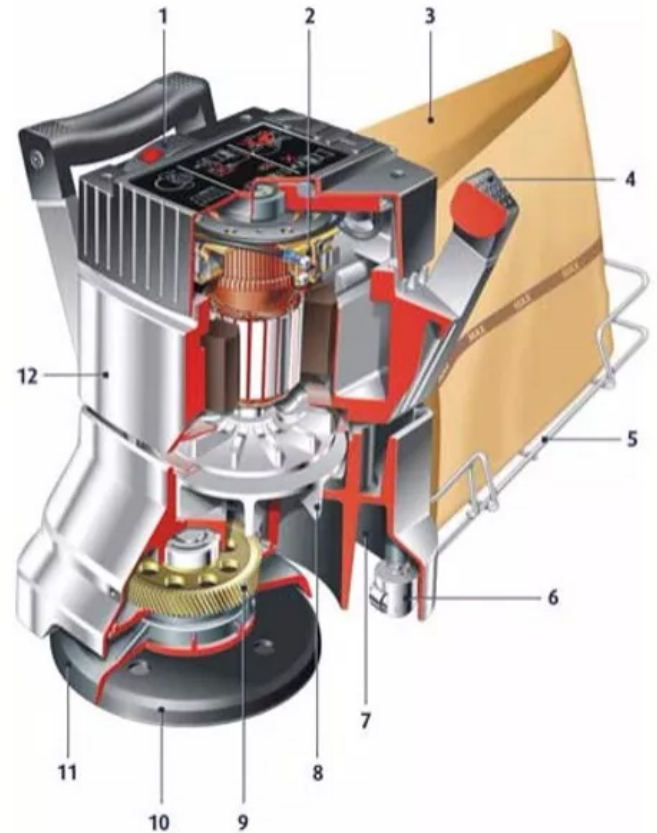
SET UP

Assembly and Transport

1. The HT8-1.2 breaks down into three component parts, the main body, handle assembly and dust tube for easy handling and transport. To assemble loosen the Clamp Bracket Ref.21 and slide the handle assembly into the Handle Bracket Ref.51. Adjust the height of the handle so that your arms are slightly bent when standing upright behind the machine. This will provide you with maximum control in operation. Tighten the clamp bracket firmly. Always ensure that the clamp bracket is tight, check periodically during use.
2. Connect the Cable Handle Ref.20 to the Body Twist Lock Ref.24 at the rear right hand side of the floor sander body.

Product features & specifications

CONTROLS	
Power supply	110/120 V 50/60 Hz 220/240 V 50/60 Hz
Off load current	110/120 V 8A 220/250 V 5A
Average load current	110/120 V 15A 220/250 V 8A
Noise	100 dBA at 1metre (3' 3")
Switch	Bias Off, double pole.
Motor	Continuous heavy duty AC/DC self cooling 4 brush.
Motor RPM	13,000
Disc RPM	3,000
Sanding pad	7" (178mm) dia. Metal backed and rubber bonded.
Disc guard	High impact ABS with bronze bush.
Drive	Hardened steel alloy pinion and large diameter aluminium bronze drive gear.
Moving parts	Sealed for life ball bearings.
Dust pickup	Seated oversize vacuum fan, disposable paper dust or cloth bags
Vibration	0.04 M ² H Aeq8 (8 Hr. RMS)
Weight	16.4kg
Abrasive	7" (178") dia. x 7/8" (22mm) dia. centre hole. 24 to 120 grit fibre or paper back.



1. Biased off switch
2. Precision moulded brush block, brass brush holders, brush springs
3. Disposable paper bags
4. Economic handle design
5. Dust bag support system; 7m power cable
6. Wheel castors
7. Storage for sanding pad wrench
8. High powered vacuum system
9. Hardened steel alloy pinion and large diameter aluminium bronze drive gear
10. Metal backed sanding pad
11. ABS disc guard
12. Polished aluminium alloy body

ALSO REFER TO:

1. Hazard assessment sheet - sanders & buffers
2. Floor edge sander operating procedure

RELATED ITEMS

Floor sander | Floor sander (drum) | Floor sander (orbital) | 7" buffer | 7" orbital sander | Belt sander | Dustless plaster sander | Orbital sander