

DÜREN

TOOLS

Part Code: 321265

3/8" Reversible Air Drill
Instruction Manual



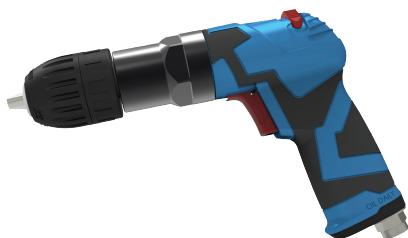
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IMPORTANT

Please read through this Manual carefully before using the 321265.

This tool must only be used for sanding and within the parameters outlined in this manual. All users of the equipment should be trained in any risks associated with the products they are sanding or using as finishing aids.



Specification

Free speed	1,800 RPM
Air Consumption	4CFM
Air Pressure	90PSI/6.3BAR
Air Inlet	1/4BSP not 3/8BSP
Net Weight	0.9Kg
Noise Level	Lpa:95; Lwa:106
Vibration Level	2.6m/s ² Max

Tool Use

This Reversible Air Drill is suitable for driving fixings and general workshop use.

Useful Links



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Product
Information

Determination of the test results includes consideration of measurement uncertainty from the test equipment and methods.

Safety Instructions

These instructions are intended as a guide to the correct use of this equipment.

Before Use and Before Using Tool for the First Time

- Make sure you have the relevant Personal Protection Equipment (PPE).



Hand Protection

The pad revolves at high speed and may cause damage if brought into contact with exposed flesh. The workpiece and the pad may also get hot after prolonged use. Hand protection must be strong enough to protect the skin and be a good fit and have no loose parts that may get caught in rotating parts.

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Eye and Breathing Protection

The sanding process will create dust and other airborne particles. There is no dust extraction function on this machine so it is essential that approved eye and breathing protection is worn.



Noise and Ear Protection

Depending on the material being worked on and the type of sanding disc used, noise levels may cause hearing damage including temporary or even permanent hearing loss. It is recommended that Ear Protection is worn at all times when using the sander.

Repetitive Strain Injury (RSI)

All products of this nature can cause RSI if used for long period, particularly in an awkward operating position. Adequate rest periods and working conditions should be considered for prolonged use.

Operation

Ensure you read, understand and apply safety instructions before use.

■ **WARNING! Unplug from the air supply before placing bit into chuck.**

- 1.1. **DRILL BIT FITTING.** Regularly check the drill bit and always change if worn, cracked or otherwise damaged.
- 1.1.2. Open or close the chuck jaws to a point where the opening is slightly larger than the drill or tool bit to be used by unscrewing the chuck (fig 3). Insert the drill bit into the chuck as far as it will go. Tighten the chuck securely.
- 1.2. Connect air supply to drill. Squeeze the trigger to check that the drill is working correctly before starting work.
- 1.2.1. **DO NOT** allow drill to run freely for an extended period of time as this will shorten the life of bearings.

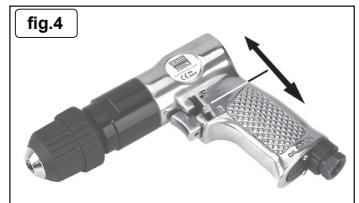


■ **WARNING! Ensure you wear approved safety goggles and any other safety items required for the job.**

- 1.3. **USING THE DRILL**
- 1.3.1. Ensure the drill is turning in the forward direction by checking that the lever adjacent to the trigger is next to the forward symbol "F" (fig 4). If not, push the lever over to the forward position.
- 1.3.2. Hold tool firmly and place the bit tip to the point to be drilled.
- 1.3.3. Depress the trigger to start drill. Move the drill bit into the work piece applying only enough pressure to keep the bit cutting. **DO NOT** force or apply side pressure to elongate the hole.
- 1.3.4. If the material to be drilled is free standing it should be secured in a vice or with clamps to keep it from turning as the drill bit rotates.
- 1.3.5. When drilling metals, use a light oil on the drill bit to keep it from overheating. Oil will prolong life of bit and improve the drilling action.
- 1.3.6. For hard smooth surfaces use a centre punch to mark desired hole location. This will prevent bit from slipping as you start to drill.
- 1.3.7. A pilot hole may be necessary to assist the final drill size through the work piece. Lock a pilot drill (smaller size drill than the finished hole size) into the chuck. Follow steps 1.3.1. to 1.3.3. above and drill a pilot hole in the middle of the centre punch mark where final hole is to be drilled. Insert the final sized bit in chuck. Hold drill firmly, place the bit at the entrance of the pilot hole and depress the trigger.

■ **WARNING! Be prepared for drill binding on break through. When these situations occur the drill has a tendency to grab and kick in the opposite direction which could cause loss of control. If you are not prepared, this loss of control can result in damage and/or personal injury.**

- 1.3.8 If the bit jams in the workpiece or if the drill stalls, release the trigger switch immediately. Remove the bit from the workpiece and determine the reason for jamming. It may be necessary to reverse the direction of rotation by moving the lever adjacent to the trigger to the reverse "R" position (fig 4).



Safety

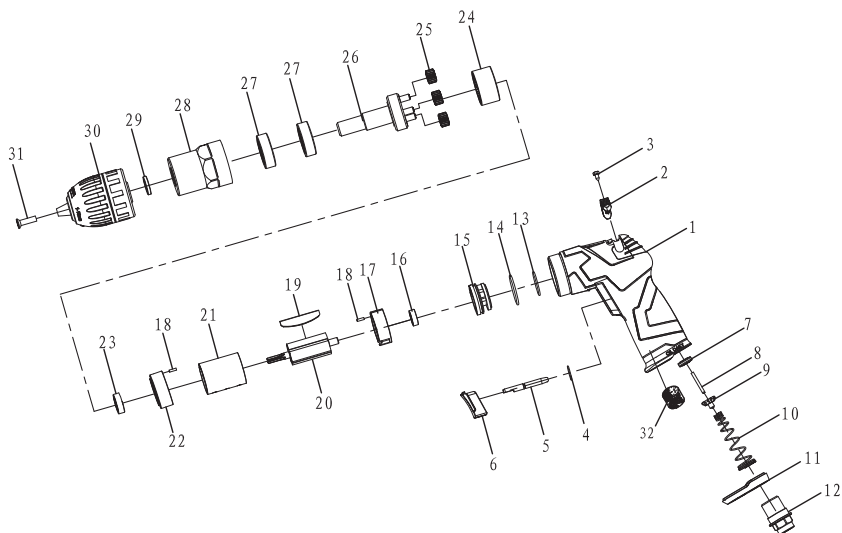
- **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- **WARNING!** Disconnect from air supply before changing drill bits, servicing, or performing any maintenance.
- ✓ Maintain the drill in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Use in a suitable work area. Keep area free from unrelated materials and ensure that there is adequate lighting.
- ✓ Before each use check condition of drill bit. Sharpen if necessary. If worn or damaged replace immediately.
- ✓ Ensure there are no flammable or combustible materials near the work area.
- **WARNING!** Always wear approved eye (and/or face) and hand protection when operating the drill.
- ✓ Use face, dust, or respiratory protection in accordance with COSHH regulations.
- ✓ Depending on the task, the drilling noise level may exceed 84dB in which case wear safety ear defenders.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings, other loose jewellery and contain and/or tie back long hair.
- ✓ Wear appropriate protective clothing and keep hands and body clear of working parts.
- ✓ Maintain correct balance and footing. Do not over reach, ensure the floor is not slippery, wear non-slip shoes.
- ✓ Keep children and unauthorised persons away from the work area.
- ✓ Ensure work piece is secure before operating the drill. Never hold a work piece by hand.
- ✓ Check the work piece to ensure there are no protruding screws, bolts, nuts etc.
- ✓ Avoid unintentional starting.
- **WARNING!** Ensure correct air pressure is maintained and not exceeded. Recommended pressure 70-90psi.
- ✓ Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use and ensure all connections are secure.
- ✓ Prolonged exposure to vibration from this drill poses a health risk. It is the owner's responsibility to correctly assess the potential hazard and issue guidelines for safe periods of use and offer suitable protective equipment.
- × **DO NOT** use the drill for a task it is not designed to perform.
- × **DO NOT** operate drill if any parts are damaged or missing as this may cause failure and/or personal injury.
- **WARNING! DO NOT** drill any materials containing asbestos.
- × **DO NOT** carry the drill by the hose, or pull the hose sharply from the air supply.
- × **DO NOT** force, or apply heavy pressure to the drill; let the tool do the work.
- × **DO NOT** place air line attachments close to your face and do not point at other people or animals.
- × **DO NOT** operate drill when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- × **DO NOT** carry the drill with your finger on the trigger.
- × **DO NOT** direct air from the air line at yourself or others.
- ✓ When not in use disconnect from air supply and store in a safe, dry, childproof location.

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Parts Diagram



No.	Description	No.	Description	No.	Description
1	Housing	12	Air Inlet Connector	23	Bearing
2	Adjusting Knob	13	O-Ring	24	Gear Ring
3	Screw	14	O-Ring	25	Planet Gear
4	O-Ring	15	Reversing Valve	26	Drive Shaft Component
5	Pin	16	Bearing	27	Bearing
6	Trigger	17	Back Cylinder Head	28	Locking Ring
7	Gasket	18	Pin	29	Washer
8	Valve Pole	19	Blade	30	3/8" Collet
9	Switch valve	20	Rotor	31	Screw
10	Off Valve Spring	21	Cylinder	32	Mufflet Cotton
11	Muffle Cover	22	Front Cylinder Head		

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Declaration of Conformity

We declare that the equipment detail below, to the best of our knowledge and ability, complies with the following Directive.

Machinery Directive - 2006/42/EC and amending Directives

Equipment Description	3/8" Reversible Air Drill
Part Code	321265
Distributed in the EU by	Fast Mover Tools Ltd
Address	Unit 1 Frenchs Avenue Dunstable Bedfordshire LU6 1BH United Kingdom

The following Transposed Harmonised Standards have been applied in the design and construction of this equipment:

The manufacturer and the distributor, stated above, hold the Technical Construction File for this equipment.

EN ISO 11148-3:2012 Part 8: Hand held non – electrical power tools- safety requirements – sanders and polishers

Signed on behalf of the distributor
(the responsible person)


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Name: Brian Moffitt
Position: Director
Date and Place: 31/01/18, Dunstable, UK



Please look after the environment, dispose of all packaging in a responsible way.
Always dispose of tools in accordance with local authority guidelines.

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Warranty

We hope that you will be very happy with your purchase. If you do have a problem with your tool, you have the added peace of mind of a 12 month warranty, which comes into date from the date of purchase (proof of purchase required).

Scope of Warranty

- The warranty will cover you from all faults caused by defective components or poor workmanship.
- Tools sent outside the EU are not covered by this warranty.
- Product must be returned to us, the warranty does not cover cost of carriage.
- If the product is no longer in manufacture, it will be replaced with a tool of equivalent or higher specification.

What is not covered

- Normal wear and tear caused by use in accordance with the operating instructions.
- Replacement of any provided accessories, such as Backing Pads, Airline Connections, Air Fittings, Blades, Spanners, etc.
- Accidental damage, faults caused by negligent use or care, neglect, misuse or careless operation, handling and storage of the product.
- Modification of, or change of, any part of this product in any way.
- Faults caused by use of non compatible accessories.
- Tool seizure caused by insufficient oiling.
- Faults caused by incorrect installation.
- Repairs or alterations carried out by non-approved parties.
- Traces of water or rust inside tool - this shows that a properly working air filter has not been used.

Validity

- This warranty is valid for 12 months after date of purchase.
- Warranty is rendered invalid if;
 - Tool is taken apart for any reason without our consent.
 - Tool is not oiled daily.
 - Air supply line is not used with a properly working air filter.
- A warranty claim will not be accepted without an official proof of purchase from your supplier.