



Drill Stand 506-3545

Please read these operating and safety instructions before use.

Your Drill Stand has been designed to enable drilling using a wide range of precision drills.

Operating Instructions

1. Always firmly secure the drill stand by screwing or bolting it down to a work bench or similar surface.
2. When appropriate the cable can be fitted through the cable holder located on the top of the drill stand column, in order to keep it safely away from the work-piece during use.
3. Adjust the tool support to the required height by loosening the clamping knob/screw located at the back of the tool holder. Ensure that you tighten the clamping knob/screw securely.
4. Place the drill into tool holder and then tighten the two brass nuts securely.
5. Your drill stand is fitted with a depth stop. This sets the amount of travel that the drill stand can make and the depth of the hole. For repetitive drilling, set the stop so that the drill bit just clears the work-piece.
6. For centring your drill in line with the hole in the base, you can extend the tool holder arm by loosening the clamping knob/screw that adjusts the angle of which you drill. Then by pulling the drill holder away from the column you can select the required position. Ensure that you tighten the clamping knob/screw securely.
7. Depress the handle in a slow, progressive manner, trying to avoid erratic movements.
8. You can adjust the angle of the tool by loosening the clamping knob/screw that adjusts the angle of which you drill. This enables you to use the drill stand as a tool holder while sanding, polishing and grinding.
9. To prevent any movement of the drill you can adjust the two small flathead pressure screws located on the drill holder to remove any play that may occur.

Caring for your product

We recommend that you lubricate the rack and pinion gear frequently by using light oil.

After extended use the plate that holds the drill yoke holder may become worn. To correct this plate, adjust the two small flathead pressure screws located on the drill holder. These screws are also used to adjust the ease of travel of the drill holder.

To extend the life of the spring holder, extend the recoil stop screw to the end of the threaded screw when the drill press is not in use. This will eliminate the spring from being permanently under pressure.

Helpful hints for general drilling, sanding and grinding

- Never force the drill into the work, let the bit gently do the work for you.
- Choose the right speed of the mini-drill for the material you are working on and type of bit you are using in your tool.
- Always follow the safety and operating instructions outlined in the manual supplied with your mini-drill.
- Use a centre punch to mark the precise location of a hole.

Important Safety Instructions (For All Tools)

WARNING: When using Electric Tools, basic safety precautions should always be followed to reduce risk of fire, electric shock, and personal injury, including the following:

1. KEEP WORK AREA CLEAN. Cluttered areas and benches invite injuries.
2. CONSIDER WORK AREA ENVIRONMENT. Do not expose power tools to rain. Do not use power tools in damp or wet locations. Keep work area well lit.
3. GUARD AGAINST ELECTRIC SHOCK. Prevent body contact with grounded surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.
4. KEEP CHILDREN AWAY. All visitors should be kept away from work area. Do not let visitors come into contact with tool or cord.
5. STORE IDLE TOOLS. When not in use, tools should be stored in a dry place, locked-up out of reach of children.
6. DON'T FORCE TOOL. It will do the job better and safer at the rate for which it was intended.
7. USE RIGHT TOOL. Do not force small tool or attachment to do the job of a heavy-duty tool. Do not use tool for purpose not intended, for example, don't use circular saw for cutting tree limbs or legs.
8. DRESS PROPERLY. Do not wear loose clothing or jewellery. They can be caught in moving parts, gloves and non-skid footwear are recommended when working outdoors. Wear protective hair-covering to contain long hair.
9. USE SAFETY GLASSES. Also use face or dust-mask if cutting operation is dusty.
10. DON'T ABUSE CORD. Never carry tool by cord or yank it to disconnect from receptacle. Keep cord from heat, oil and sharp edges.
11. SECURE WORK. Use clamps or vice to hold work. It's safer that using your hand and it frees both hands to operate tool.
12. DON'T OVERREACH. Keep proper footing and balance at all times.
13. MAINTAIN TOOLS WITH CARE. Keep tools sharp and clean for better and safe performance. Follow instructions for lubricating and changing accessories. Inspect tool cords periodically and if damaged have repaired by authorised service facility. Keep handles dry, clean and free from oil and grease.
14. DISCONNECT TOOLS. When not in use, before servicing, and when changing accessories, such as blades, bits, cutters.
15. REMOVE ADJUSTING KEYS AND WRENCHES. Form habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
16. AVOID UNINTENTIONAL STARTING. Don't carry plugged-in tool with finger on switch. Be sure switch is off when plugging in.
17. OUTDOOR USE EXTENSION CORDS. When tool is used outdoors, use only extension cords intended for use outdoors and so marked.
18. STAY ALERT. Watch what you are doing. Use common sense. Do not operate tool when you are tired.
19. CHECK DAMAGED PARTS. Before use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment or moving parts, binding of moving parts, mounting, and any other part that is defective should be properly repaired or replaced by an authorised service centre unless otherwise indicated elsewhere in this instruction manual/leaflet. Have defective switches replaced by authorised service centre. Do not use tool if switch does not turn it on and off.
20. DO NOT OPERATE. Portable electric tools near flammable liquids or in a gaseous or explosive atmosphere. Motors in these tools normally spark, and the sparks might ignite fumes.

SAVE THESE INSTRUCTIONS FOR FUTURE USE.

SMC Corporation Limited
6 Enterprise City
Meadowfield Avenue
Spennymoor
Co. Durham
DL16 6JF
United Kingdom

Telephone + 44 (0) 1388 827210
Fax + 44 (0) 1388 827209
Email: europe@smc-ltd.co.uk

