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INST/CNC/1F/DHK v1.0



CNC/1F/DHK Dust Hose Holding Kit

EN Original Instructions



EN - DUST HOSE HOLDING KIT

Thank you for purchasing the Trend Dust hose holding kit, for the OneFinity Elite Series CNC Machine, which should give lasting performance if used in accordance with these instructions.

TECHNICAL DATA

	CNC/1F/DHK
Compatible Hose Size	42mm (OD) (designed) / 38mm (OD) (with insulation tape)
Compatible Machine	CNC Onefinity Elite Series
Weight	1.7kg
Mounting Options	Machine Mount and Wall/Ceiling Mount

Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions.

Refer to the instruction manual of your power tool.
 This unit must not be put into service until it has been established that the power tool to be connected to this unit is in compliance with 2006/42/EC (identified by the CE marking on the power tool).

INTENDED USE

This hose support system is intended to hold an anti-static hose into the CNC Onefinity Elite Series machine dust shoe, via a machine mount held by a wall or ceiling mount, to then connect into a dust extractor. This system is designed for 42mm OD anti-static hose but will also work with 38mm OD hose when wrapped with insulation tape around the circumference of the hose to reach the width of 42mm.

SAFETY
 Please read and understand the safety points in these instructions as well as your power tool instructions.

PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE

Safety Points

1. Disconnect power tool attachment from power supply when not in use, before servicing, when making adjustments and when changing accessories such as cutters. Ensure switch is in "off" position and cutter has stopped rotating.
2. Read and understand instructions supplied with power tool, attachment and cutter.
3. Current Personal Protective Equipment (PPE) for eye, ear and respiratory protection must be worn. Keep hands, hair and clothes clear of the cutter.
4. Before each use check cutter is sharp and free from damage. Do not use if cutter is dull, broken or cracked or if any damage is noticeable or suspected. Only use tools for woodworking to EN847 safety standard. Ensure cutting tool is suitable for application.
5. The maximum speed (n_{max}) marked on tool or in instructions or on packaging shall not be exceeded. Where stated, the speed range should be adhered to.
6. Insert the shank into the router collet at least all the way to the marked line indicated on the shank. This ensures at least 3/4 of the shank length is held in collet. Ensure clamping surfaces are clean.
7. Check all fixing and fastening nuts, bolts and screws on power tool, attachment and cutting tools are correctly assembled, tight and to correct torque setting before use.
8. Ensure all visors, guards and dust extraction is fitted.
9. The direction of routing must always be opposite to the cutter's direction of rotation.
10. Do not switch power tool on with the cutter touching the workpiece.
11. Trial cuts should be made in waste material before starting any project.
12. Repair of tools is only allowed according to tool manufacturers instructions.
13. Do not take deep cuts in one pass, take shallow passes to reduce the side load applied to the cutter.
14. User must be competent in using woodworking equipment before using our products. Dress properly, no loose clothing/jewellery, wear protective hair covering for long hair.
15. Consider working environment before using tools. Ensure working position is comfortable and component is clamped securely. Keep proper footing and balance at all times. Check work area for obstructions. Keep control of power tool at all times.
16. Please keep children and visitors away from tools and work area.
17. All tools have a residual risk so must therefore be handled with caution.

18. Only use Trend original spare parts and accessories.
 If you require further safety advice, technical information, or spare parts, please call Trend Technical Support or visit www.trend-uk.com

ITEMS REQUIRED:

- OneFinity Elite CNC Machine
- OneFinity Dust Shoe
- Trade Dust Extractor
- 5mm AF Hex Key
- 4mm AF Hex Key
- 2.5mm AF Hex Key
- 50mm Screws (suitable for your wall/ceiling) x4

DESCRIPTION OF PARTS (Fig.1)

- A.** 5m of 42mm (OD) Anti-Static Hose with T35A bayonet
- B.** 58mm (OD) Adapter with Earthing Strap
- C.** Wall Mount with Hose Clamp
- D.** Machine Mount with Hose Clamp
- E.** M6 x 30mm Bolts x2

OPERATION

ATTACH MOUNT TO MACHINE - (Fig.2a - Fig.2c)

- Place spindle cable under right slot of the machine mount. If you are fitting this accessory retrospectively, you will need to remove the two bolts which are holding down the X homing plate and remove the wires first (Fig.2a).
- Place Z slider wiring under right slot of the machine mount. Ensure enough slack in wires to allow full movement on Z axis (Fig.2b).
- Place machine mount on top of the X axis homing plate. Place two M6 x 30mm bolts (supplied) through holes in machine mount and homing plate, and fasten to corresponding holes in top of X rail using 5mm AF hex key (Fig.2c).

IMPORTANT: Do not over tighten bolts.

ATTACH HOSE TO DUST SHOE - (Fig.3a - Fig.3c)

- Place 58mm (OD) adapter into the dust shoe (Fig.3a).
- Fasten bolt through earthing strap eyelet to one of the four Z slider spindle mount bolt holes (Fig.3b).

IMPORTANT: Ensure enough hose length from Machine Mount Hose Clamp (D) to reach the dust shoe when the Z slider is at its lowest point (recommended 650mm). Also, ensure enough slack so the hose is raised above the Z axis stepper motor (Fig.3c).

ATTACH MOUNT TO WALL OR CEILING - (Fig.4a - Fig.4c)

- Use four 50mm screws (NOT INCLUDED) to fasten mount to wall or ceiling (Fig.4a). Ensure you are using the correct plugs for your wall/ceiling.

Ensure you have checked for concealed pipes or electrical wires, and that none are present where you will fix this mount.
 • Undo top section of hose clamp, by unfastening the two bolts using a 4mm AF hex key and place hose inside clamp at desired length (Fig.4b).
 • Re-fasten the two bolts (Fig.4c).
IMPORTANT: Ensure sufficient slack in hose for the machine to move to all corners of the bed without creating tension - whilst also ensuring that there is not too much slack to allow fouling of the axis.
IMPORTANT: Do not overtighten bolts.

ATTACHING CONNECTOR TO DUST EXTRACTOR - (Fig.5)

- Connect the hose bayonet to the dust extractor (Fig.5).
NOTE: If you're not using the T35A Dust Extractor you will need to:
- Remove your current dust extractor side bayonet from the hose. This may involve pressing pins or unscrewing the connector. Some hoses may need cutting to release. Once ready connect your dust extractor bayonet to the new anti-static hose.

MAINTENANCE

Please use only Trend original spare parts and accessories.
 The accessory has been designed to operate over a long period of time with minimum of maintenance. Continual satisfactory operation depends upon proper tool care and regular cleaning.

Cleaning:

- Regularly clean with a soft cloth. Keep threads clear of resin build-up.

Lubrication:

- No additional lubrication required.

Storage:

- Always return product to its original packaging.

Spare Parts:

- See website for details.

ENVIRONMENTAL PROTECTION

Recycle raw materials instead of disposing as waste.
 Packaging should be sorted for environmentally-friendly recycling.
 The product and its accessories at the end of its life should be sorted for environmentally-friendly recycling.

WARRANTY

This unit carries a manufacturer's warranty in accordance with the conditions on our website www.trend-uk.com.



