

**DRAPER**

**EN**

Original Instructions  
Version 4 – September 2025

AIR  
**NAILER**

14607



**UK  
CA** **CE**

# 1. Preface

These are the original product instructions. This document is part of the product; retain it for the life of the product, passing it on to subsequent holders. Read this manual in full before attempting to assemble, operate, or maintain this product.

This Draper Tools manual describes the purpose of the product and contains all the necessary information to ensure its correct and safe use. Following all the instructions and guidance in this manual will ensure the safety of both the product and the operator and increase the lifespan of the product.

All photographs and drawings within this manual are supplied by Draper Tools to help illustrate correct operation of the product.

Every effort has been made to ensure the information contained in this manual is accurate. However, Draper Tools reserves the right to amend this document without prior warning. Always use the latest version of the product manual.

## 1.1 Product Reference

**User Manual for:** Air Nailer

**Stock No:** 14607

**Part No:** DAT-ANK2050

## 1.2 Revisions

**Version 1:** March 2020  
First release

**Version 2:** August 2021

**Version 3:** August 2023

**Version 4:** September 2025

As our manuals are continually updated, always ensure that the latest version is used.

**Download the latest version from:**  
[drapertools.com/manuals](http://drapertools.com/manuals)

## 1.3 Understanding the Safety Content of This Manual



**WARNING!** – Situations or actions that may result in personal injury or death.



**CAUTION!** – Situations or actions that may result in damage to the product or surroundings.

**ATTENTION** – Situations or actions that may result in damage to the product or surroundings.

**Important:** – Information or instructions of particular importance.

## 1.4 Copyright © Notice

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## 3. Product Introduction

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### 3.1 Intended Use

This product is designed to insert 10 - 50mm nails and suitable for use with a compressed air supply.

Read this manual in full before attempting to assemble, operate or maintain the product, and retain it for later use.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

### 3.2 Specification

Stock No.	14607
Part No.	DAT-ANK2050
Operating air pressure:	75 – 100PSI (5 – 7 Bars)
Maximum working pressure:	115PSI (8Bars)
Minimum air hose size (internal diameter)	3/8" (10mm)
Air inlet size:	1/4" BSP
Nail Size:	
Length:	10 – 50mm
Gauge:	18
Head:	2mm
Shank width:	1.25mm
Shank thickness:	1.05mm
Noise emissions:	
Sound pressure level:	86.7dB (A)
Sound power level:	99.7dB (A)
Vibration level:	<2.1M/S <sup>2</sup>
Net weight:	1.4kg

**Important:** The declared noise emissions values have been measured in accordance with a standard test method and may be used for comparing one tool with another. These values may also be used in a preliminary assessment of exposure.



**WARNING!** The noise emissions during actual use of the product can differ from the declared values depending on the type of work and the area upon which it is used. Before each use, estimate the likely exposure resulting from the actual conditions of use. Take into account all parts of the operation cycle in order to identify any safety measures required to protect the operator.

**Important:** Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user, the product or the [workpiece].

## 4.1 General Health and Safety Precautions

- Retain the instruction manual for future reference.
- Keep fingers away from trigger when not operating this tool and when moving from one operating position to another.
- Disconnect from the air supply when unloading the nails, making adjustments, clearing jams or changing accessories. Failure to do so can result in serious bodily injury.
- Keep all body parts such as hands and legs, etc. away from firing direction and ensure fastener cannot penetrate workpiece into parts of the body.
- During operation be careful that the nails penetrate material correctly and cannot be deflected/misfired towards operator and/or any bystanders.
- During operation, debris from workpiece and fastening/collation system may be discharged.
- Hold the tool with a firm grasp and be prepared to manage recoil.
- Only technically skilled operators should use the Nailer.
- **ALWAYS** wear impact-resistant eye protection with side shields during operation of the tool.
- Appropriate gloves and hearing protection shall be worn. Protective clothing are recommended.
- **ONLY** wear gloves that provide adequate feel and safe control of triggers and any adjusting devices.
- The risks to others shall be assessed by the operator.
- Be careful with tools without workpiece contact as they can be fired unintentionally and injure operator and/or bystander.
- Ensure tool is always safely engaged on the workpiece and cannot slip.
- **DO NOT** use on scaffolding or ladders.
- **DO NOT** modify the Nailer. Modifications may reduce the effectiveness of safety measures and increase the risks to the operator and/or bystander.
- **DO NOT** use the Nailer if it has been damaged.

- Be careful when handling the nails especially when loading and unloading the magazine as the nails have sharp points which could cause injury.
- Always check the tool before use for broken, misconnected or worn parts.
- **DO NOT** overreach. Only use in a safe working place. Keep proper footing and balance at all times.
- Keep bystanders away from the operating area.
- **NEVER** point the tool at yourself or others.
- Prior to each use check that the safety and triggering mechanism is functioning correctly.
- **ONLY** use the sizes and types of nails that are provided and recommended by Draper Tools.
- Use only lubricants recommended by **Draper Tools**.
- Proceed with additional care in unfamiliar surroundings. Hidden hazards may exist, such as electricity or other utility lines.
- This tool is not intended for use in potentially explosive atmospheres and is not insulated from coming into contact with electric power.
- Ensure there are no electrical cables, gas pipes etc. that could cause a hazard if damaged by use of the tool.

## 4.2 Additional Safety Instructions for Compressed Air



**WARNING! Compressed air can cause severe injury.**

- **ALWAYS** turn off and disconnect the air supply before making any adjustments to the product or leaving it unattended.
- **NEVER** direct this product towards yourself or others.
- Ensure that compressed air is not blocked by or in contact with any part of your body.
  - **ONLY** use clean, dry and regulated compressed air.



**WARNING! NEVER use oxygen, combustible gases or other bottled gases as a supply for this product. Use of these substances may cause the product to explode.**

- Draper Tools recommends the use of a whip hose between the tool and the air supply to reduce vibration.

## 4. Health and Safety Information

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**WARNING! Whipping hoses can cause severe injury. Always check for and replace damaged or loose hoses and fittings.**

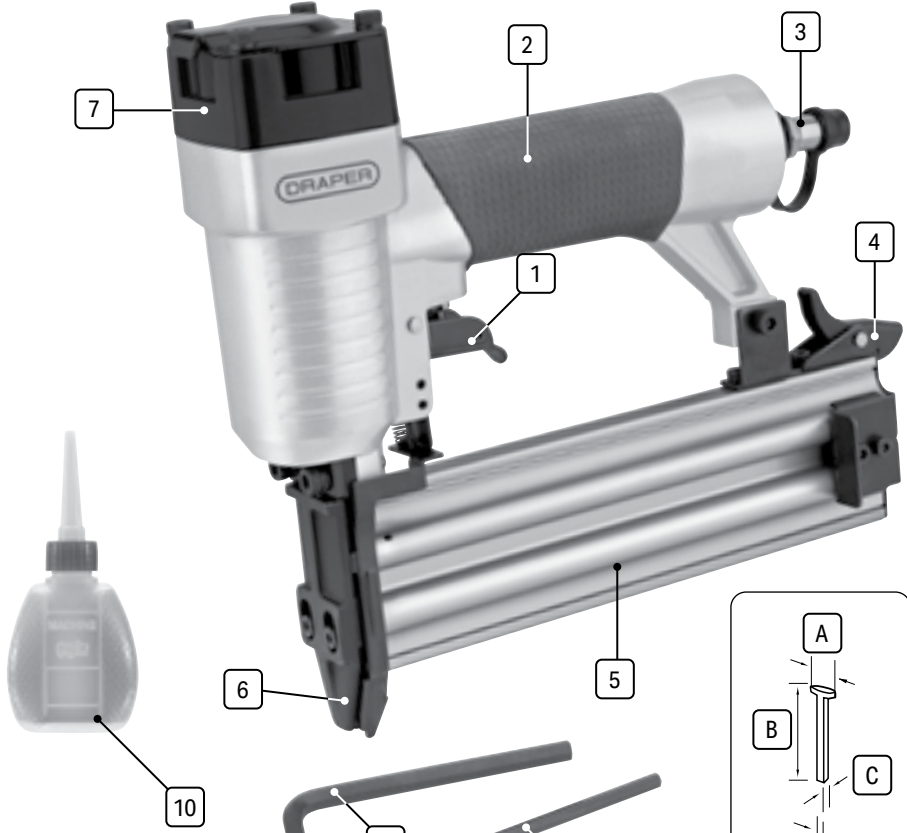
- Ensure that the product is compatible with the air supply before use.
- Ensure all connections are securely tightened.
- Where universal twist couplings (claw couplings) are used, lock pins must be installed and whip check safety cables must be used to safeguard against possible hose-to-tool or hose-to-hose failure.
- **DO NOT** exceed the maximum stated air pressure.
- **DO NOT** obstruct the ability of the trigger to release once depressed.
- **NEVER** carry the tool by the air line.

### 4.3 Residual Risk

The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

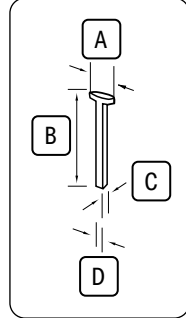
# 5. Identification and Unpacking

## 5.1 Product Overview



- 1 Trigger
- 2 Hand grip
- 3 Air inlet
- 4 Magazine latch
- 5 Magazine
- 6 Safety lever

- 7 Exhaust
- 8 4mm Hex key
- 9 3mm Hex key
- 10 Mini oiler



- Nail Type (not supplied)**
- A Head (2mm)
  - B Length (10 – 50mm)
  - C Shank thickness (1.05mm)
  - D Shank width (1.25mm)

## 5.2 Packaging

Keep the product packaging for the duration of the warranty period in case the product needs to be returned for repair.

**WARNING!** Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.

Please visit [drapertools.com](http://drapertools.com) for our full range of accessories and consumables.

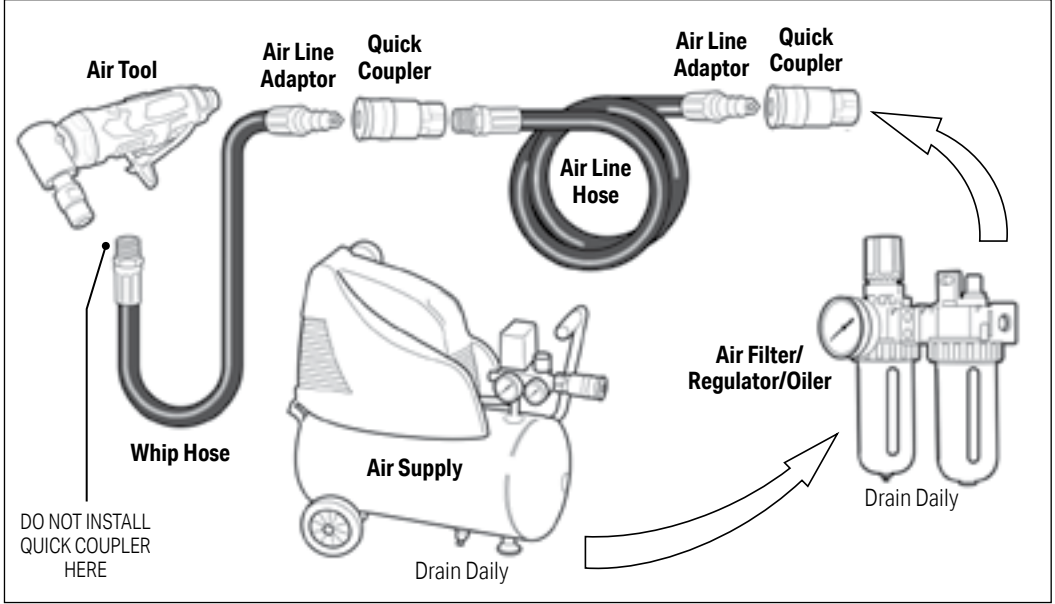
# 6. Preparation Instructions

**Important:** Before preparing or adjusting this product, read and understand all the safety instructions listed in this manual.

**Important:** Always disconnect from the air supply before assembling, carrying out adjustments, servicing or maintenance.

## 6.1 Preparing Air Supply for Use

- This air tool operates at a max. pressure of 7bar (100psi).

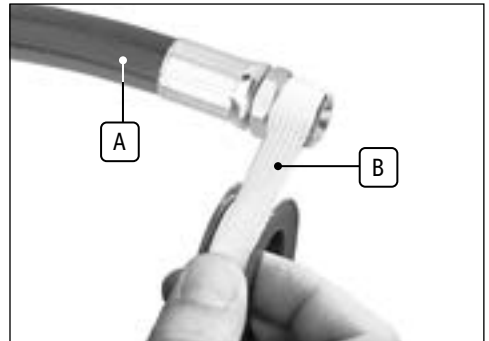


- The compressed air system must be controlled by a combination pressure regulator, in-line lubricator and moisture filter. This will ensure a constant supply of dry air at all times, provided it is properly maintained.
- **Important:** Always check the machine operating pressure before use.
- Water in the compressor tank may cause considerable corrosion to air tools; the compressor should be drained daily to avoid excessive water in the air supply. Dirty or wet air can significantly shorten the lifespan of the product.
- When using an air tool with a hose over 25ft long, Draper Tools recommends increasing the bore of the hose to the next largest available size (i.e. increase 3/8" to 1/2"). This will ensure adequate pressure and volume of air to power the tool

## 6.2 Connecting to the Air Supply (Fig.1 - Fig.2)

**Important:** Draper Tools recommends using a 1/4" BSP male-threaded thread whip hose **A** (not supplied) to connect the tool to the air line in order to reduce vibration.

1. Wrap a length of PTFE tape **B** around the air line coupling of the whip hose thread.



## 6. Preparation Instructions

2. Attach the air line coupling or whip hose to the air inlet **3**. Check that the connection is secure and airtight.

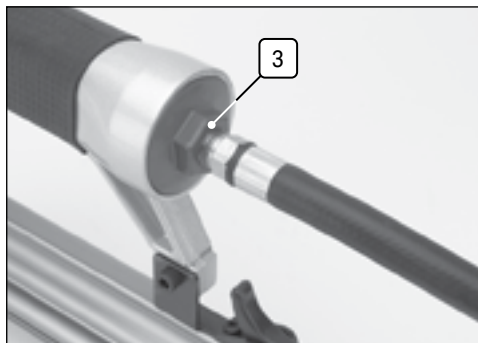


Fig. 2

## 7. Operating Instructions

**Important:** Before operating this product, read and understand all the safety instructions listed in this manual.

**Note:**

- Before connecting the tool to the air supply reduce the line pressure according to the specification.
- Before tool operation and work commences, ensure the compressor reservoir is drained of condensate along with all connected air lines.
- Check and drain the air line regulator's water trap and fill up the lubrication reservoir.

### 7.1 Loading the Nailer (Fig.3 – Fig.6)

**Important:** ALWAYS disconnect the tool from the air supply before loading the Nailer.

1. Press the magazine latch **4** and gently slide the magazine **5** back.

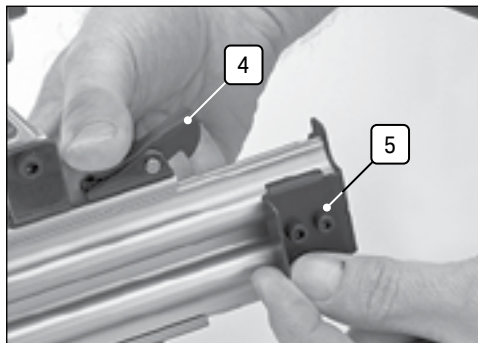


Fig. 3

2. Lay the Nailer on its side and load the nails into the magazine. Place a strip of nails against the centre bar ensuring the point of the nails is facing forward and down.



Fig. 4

## 7. Operating Instructions

3. Close the magazine ensuring the latch is correctly engaged and secure.



Fig. 5

- **ALWAYS** test the nail penetrates by the correct amount by driving the nail into a piece of wood. If needed adjust the air pressure to the required level.



Fig. 6

- **DO NOT** exceed the maximum air pressure 100psi/7bars.

### 7.2 Checking The Safety Lever Operation (Fig.7 – Fig.10)

**Important:** Disconnect from the air supply and ensure the magazine is empty before checking the safety lever operation.

- The safety lever **6** should be able to move in and out freely without any obstructions.



Fig. 7

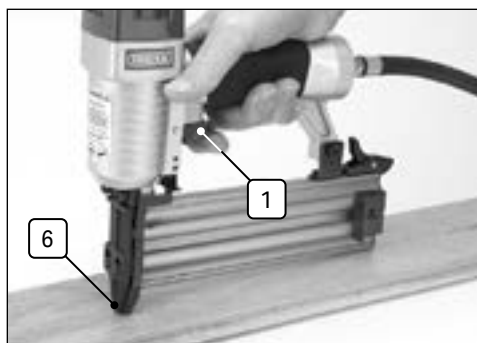


Fig. 8

1. To test the safety lever, connect the tool to the air supply.
2. Then push the safety lever **6** against a piece of wood without pressing the trigger **1**.
  - The tool must not fire. If this happens the tool must be repaired before any further use.



Fig. 9

3. Hold the tool away from the piece of wood and the safety lever should return to its original position.

Operate the trigger.

- The tool must not fire. If this happens the tool must be repaired before any further use.



Fig. 10

4. Push the safety lever against a piece of wood while operating the trigger - the tool should fire. This is the correct operation and safe to use.

### 7.3 Clearing Obstruction from Magazine / Chamber (Fig. 11 – Fig. 13)

**Important: ALWAYS disconnect the tool from the air supply before attempting to clear the obstruction.**

#### Nail jammed inside Magazine



Fig. 11

- Press the magazine latch and slide the magazine open.
- Remove the obstructed nail using long nose pliers.
- Reload the magazine and close securely.

#### Nail jammed inside Chamber

- Press the magazine latch and slide the magazine open.
- Use the hex key supplied to remove the two socket bolts. Then remove the plate cover.



Fig. 12



Fig. 13

- Remove the obstructed nail using long nose pliers.
- Refit the plate cover.
- Check the operation of the safety lever (**see 7.2**) **before using the tool.**


## 8. Maintenance and Troubleshooting

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**WARNING! ALWAYS ensure that the tool is disconnected from the air supply and that the air supply is switched off before attempting to adjust or maintain this product.**

### 8.1 General Maintenance

- Disconnect the air line and remove the air line coupling or whip hose when storing the product.
- Wipe the Nailer clean and remove any obstructions from the exhaust  before storage.

- **Important:** Lubricate the mechanism by pouring a few drops (approx. 1.5ml) of air tool oil into the air line coupling.
- ISO grade 22–32 (SAE grade 5W–15W) monograde oil should be used in this air tool. During use, the oil must be constantly supplied to the equipment to ensure complete lubrication and optimum performance
- When not in use store in a dry clean place out of the reach of children

### 8.2 Troubleshooting

Problem	Possible Cause	Remedy
Tool fires but will not insert nail fully.	Incorrect air pressure used.	Increase air pressure until nail is driven fully in. <b>DO NOT</b> exceed 100psi/7bars
Tool will not fire.	Nail jammed.	Disconnect tool from air line and remove jammed nail ( <b>See: 7.3</b> )
	No lubrication.	Lubricate air line inlet with air tool oil. Check operation of tool.
	Piston stuck/faulty trigger.	Contact Draper Tools for advice.
Tool will not shut off.	'O' ring throttle valve dislodged from inlet valve.	Replace 'O' ring – contact Draper Tools for advice.

## 9. Spares, Returns and Disposal

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For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.

## 10. Warranty

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6 months from date of purchase – Visit [drapertools.com/warranty](https://www.drapertools.com/warranty) for more information. However, if the tools are hired out, the warranty period is 90 days from the date of purchase.

## 11. Explanation of Symbols



Read the instruction manual



**Warning!**



Wear suitable eye protection and breathing apparatus



Wear protective gloves



European conformity



UK Conformity Assessed





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