

THE TOOL COMPANY

AIR STAPLERS & NAILERS

■ STOCK Nos. 57565
57559
57563
57564
57555

■ PART Nos. CNS32
AN10-32
AN15-50
AS13-40HD
AS8-25

• INSTRUCTIONS •

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS TOOL.



GENERAL INFORMATION

This manual has been compiled by Draper Tools and is an integrated part of the product with which it is enclosed and should be kept with it for future references.

This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that this manual is read before any operation or, before performing any kind of adjustment to the product and prior to any maintenance tasks. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the tool itself.

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

Whilst every effort has been made to ensure accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.



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DECLARATION OF CONFORMITY

We
Draper Tools Ltd. Hursley Road, Chandler's Ford, Eastleigh, Hampshire.
SO53 1YF. England.

Declare under our sole responsibility that the product:

Stock Nos:- 57555, 57559, 57563, 57564 & 57565.

Part Nos:- AS8-25, AN10-32, AN15-50, AS13-40HD & CNS32.

Description:- Air Stapler & Nailers

To which this declaration relates is in conformity with the following directive(s)
98/37/EC.

With reference to: prEN792-13, ISO8662-1, ISO3744 & ISO11201.

JOHN DRAPER
Managing Director

24/02/2003



SPECIFICATION

The Draper Tools policy of continuous improvement determines the right to change specification without notice.

Stock No.	57559	57563	57564	57555	57565
Part No.	AN10-32	AN15-50	AS13-40HD	AS8-25	CNS32
Operating air pressure	60-100PSI	60-100PSI	70-100PSI	60-100PSI	60-100PSI
Max. safety working pressure ..	115PSI	115PSI	115PSI	115PSI	115PSI
Min. air hose size	3/8" ID	3/8" ID	3/8" ID	3/8" ID	3/8" ID
Air inlet size	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP
To drive nails length	10-32mm	15-50mm	-	-	15-32mm
Head	2.0mm	2.0mm	-	-	2.0mm
Shank width	1.26mm	1.26mm	-	-	1.26mm
Shank thickness	1.05mm	1.05mm	-	-	1.05mm
Gauge	18ga	18ga	18ga	18ga	18ga
To drive staples:					
Length	-	-	13-40mm	8-25mm	8-32mm
Crown	-	-	5.8mm	5.1mm	5.8mm
Width	-	-	1.26mm	1.2mm	1.26mm
Thickness	-	-	1.04mm	0.6mm	1.04mm
Weight	1.16kg	1.35kg	1.75kg	1.2kg	1.32kg
Sound pressure level	84dB(A)	90dB(A)	89dB(A)	84dB(A)	90dB(A)
Sound power level	93dB(A)	96dB(A)	97dB(A)	93dB(A)	96dB(A)
Vibration level	1.5m/s2	2.3m/s2	2.7m/s2	1.5m/s2	2.3m/s2

ALWAYS WEAR EAR AND EYE PROTECTION



GUARANTEE

Draper air tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for 6 months from the date of purchase except where tools are hired out when the guarantee period is reduced to ninety days from the date of purchase.

Should the machine develop any fault, please return the complete tool to your nearest authorized warranty repair agent or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF, England. Telephone (023) 8049 4344.

If, upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accident, or repairs attempted or made by any persons other than the authorized Draper warranty repair agent.

This guarantee applies in lieu of any other guarantee expressed or implied and variation of its terms are not authorized.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the guarantee period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights.

Draper Tools Limited.



SAFETY WARNING

WARNING

Please read the following instructions carefully, failure to do so could lead to serious personal injury.

IMPORTANT

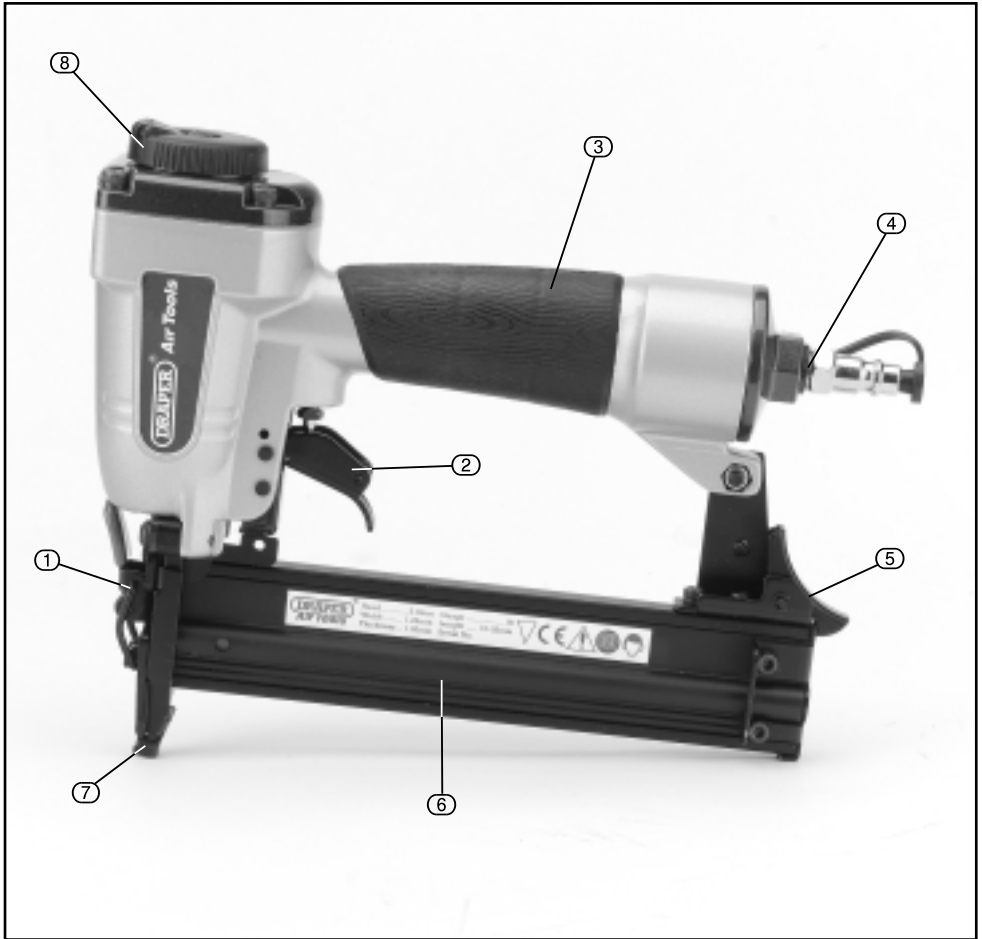
Draper Tools Limited recommends that this machine should not be modified or used for any application other than that for which it was designed. If you are unsure of its relative applications do not hesitate to contact us in writing and we will advise you.



SAFETY RULES FOR AIR TOOL PRODUCTS

1. Always wear safety goggles or glasses.
2. Always ensure machine is switched off before connecting to air supply.
3. Disconnect any machine from the air supply before changing blades or discs, and before servicing any type of machine.
4. Always keep your air tool clean and lubricated. Daily lubrication is essential to avoid internal corrosion and possible failure.
5. Do not wear watches, rings bracelets or loose clothing when using air tools.
6. Using only light weight coil hoses from a tool to the wall or compressor coupling. Do not fit quick change couplings onto the machine as vibration can cause the coupling to fail.
7. Do not overload the machine. Allow the tool to operate at its optimum speed for maximum efficiency.
8. Do not increase the air pressure above the manufacturers recommended level, as excessive overload can cause the machine casing to split. Also this creates excessive wear on moving parts and possible failure.
9. In the interests of safety and possible damage to the machine/operator, always ensure that the machine has stopped before putting it down after use.
10. Always ensure that the workpiece is firmly secured leaving both hands free to control the machine.
11. Always ensure that accessories such as blades, discs, sockets, etc. are rated/ designed for use with the machine and are securely fastened correctly before connecting the machine to the air supply.
12. When grinding, sanding or cutting always wear an appropriate face mask or respiratory equipment.

GETTING TO KNOW YOUR AIR STAPLERS & NAILERS



- | | |
|---------------------------------------------------------|------------------|
| ① Quick-release
(fitted to AN10-32 and AN15-50 only) | ⑤ Magazine latch |
| ② Trigger | ⑥ Magazine |
| ③ Hand grip | ⑦ Safety lever |
| ④ Air inlet | ⑧ Exhaust |

UNPACKING: After removing the packing material, make sure the product is in perfect condition and that there are no visible damaged parts. If in doubt, do not use the Air Staples & Nailers and contact the dealer from whom it was purchased. The packaging materials (plastic bags, polystyrene etc.,) must be disposed of in an appropriate refuse collection container. These materials must not be left within the reach of children as they are potential sources of danger.

OPERATION AND USE

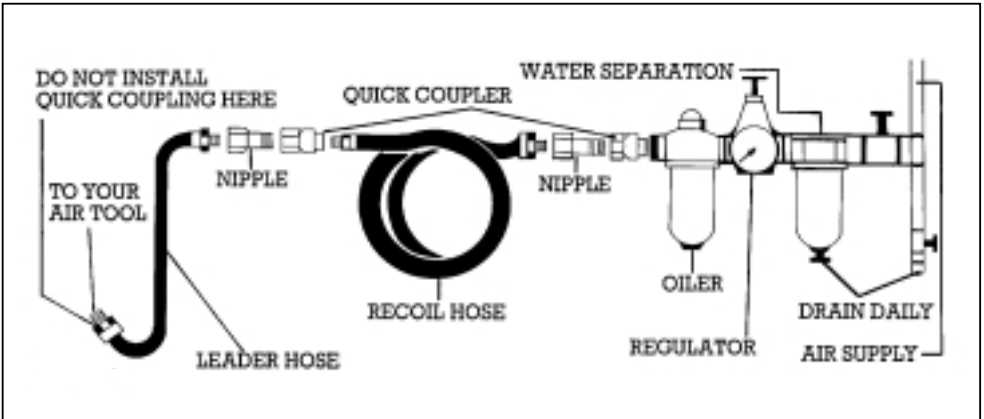
AIR SUPPLY

This range of staplers and nailers operate at a maximum pressure of 100 psi and should be controlled via a combined regulator/oil/water separator such as the Draper 4222/3 unit which with proper maintenance will ensure a constant supply of dry air and lubricating oil at all times. See illustration below. Always check machine operating pressure before use.

Water in the compressor tank will cause serious corrosion to your air tools and should be drained daily to avoid excessive water in your air supply. Dirty wet air rapidly shorten the life of your air tool.

If you are using an air tool on a hose over 25ft. long it is advisable to increase the bore of the hose to the next larger size available ie. $\frac{1}{4}$ " increases $\frac{3}{8}$ ". This will ensure adequate pressure and volume of air to power the machine.

RECOMMENDED AIR SUPPLY:



OPERATION AND USE

LOADING THE MAGAZINE

Note:- Always disconnect the tool from the air supply before any adjustment or maintenance is carried out.

1. Open the magazine latch (A) and pull open the magazine cover (B). Fig.1.
2. Insert a stick of fasteners into the magazine. Fig.2.
Always ensure the point of the fastener is facing forward.
3. Close the magazine cover (B) until the latch (A) is fully secure. Fig.3.
4. Connect the tool to the air supply Fig.4.
5. Always test that the fastener penetrates by the correct amount by driving the fastener into a piece of wood. If needed the air pressure can be regulated to the desired level, between 60psi to 100psi. (Fig.5).

Fig.1.

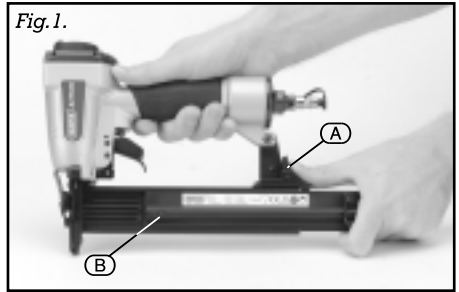


Fig.2.



Fig.3.

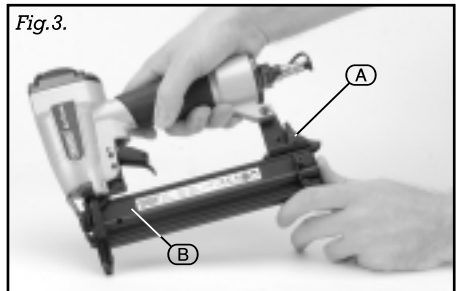
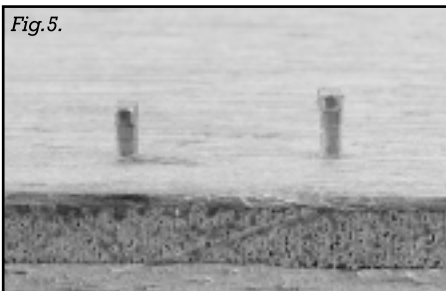


Fig.4.



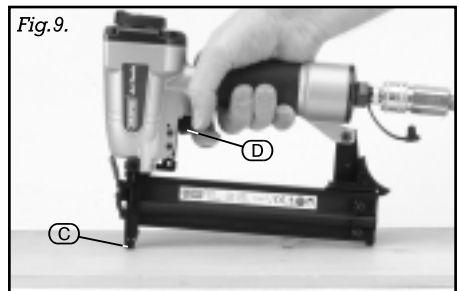
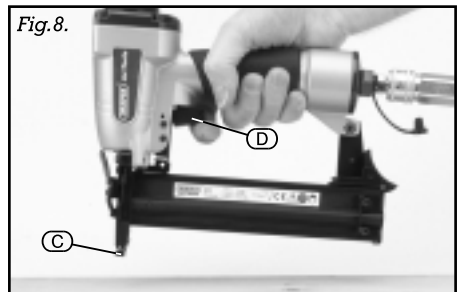
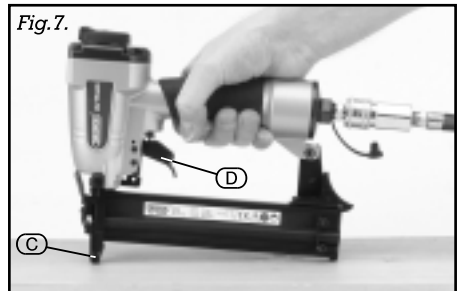
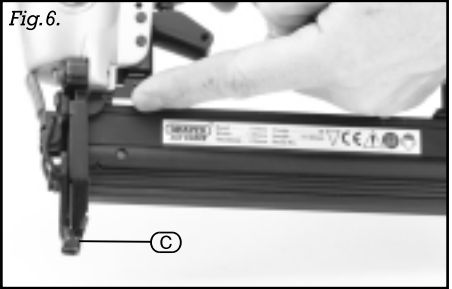
Fig.5.



OPERATION AND USE

CHECKING THE SAFETY LEVER

1. Disconnect from the air supply.
2. Ensure the magazine is empty of all fasteners.
3. The safety lever (C) should be able to move in and out without any obstruction. (Fig.6).
4. To test the safety lever is working correctly connect the tool to the air supply.
5. Push the safety lever (C) against a piece of wood, without pulling the trigger (D). The tool must not fire. Should this happen the tool must be repaired before further use. (Fig.7).
6. Hold the tool away from the piece of wood. The safety lever (C) should return to its original position. Pull the trigger (D). The tool must not fire. Should this happen the tool must be repaired before further use. (Fig.8).
7. Push the safety lever (C) against a piece of wood this time pulling the trigger (D) the tool should fire. (Fig.9). This is correct.



OPERATION AND USE

CLEARING A JAM

Note:- Always disconnect the tool from the air supply before any adjustment or maintenance is carried out.

FASTENER JAMMED INSIDE MAGAZINE

1. Open the magazine latch (A) and pull open the magazine cover (B). Fig.1 (Page 6).
2. Remove the fastener that is causing the obstruction using long nose pliers. (Fig.9).
3. Reload the magazine with the required fasteners and close securely.

FASTENER JAMMED IN PLATE AREA

1. Remove screws (E) and remove nose cover (C). The safety lever (H) can now be removed. Remove screws (F) and remove main plate (G). (Fig.10).
2. Remove the fastener that is causing the obstruction using long nose pliers. (Fig.11).
3. Re-assemble the nose plates and check the operation of the safety lever before using tool.

Models AN10-32 and AN15-50.

These models are fitted with a quick-release (J) fitted to the plate. This enables you to obtain access to the obstructing fastener. (Fig.12).

Fig.10.



Fig.11.

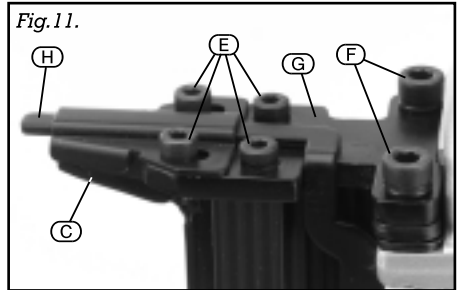


Fig.12.

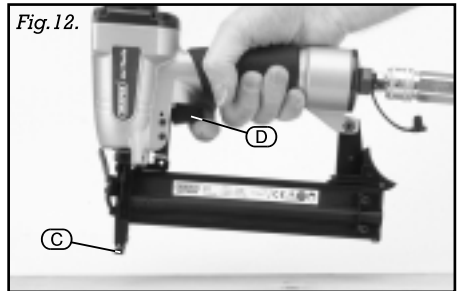
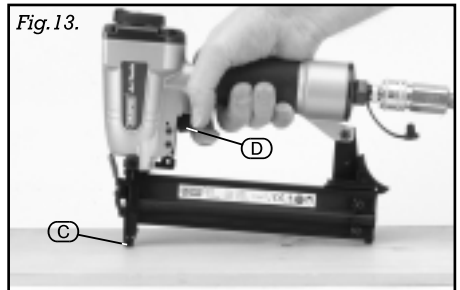


Fig.13.





MAINTENANCE

Some air tools have inbuilt regulators which can be used to control speed/torque performance, on machines without inbuilt regulators this can be done by varying the pressure of your air supply regulator.

MAINTENANCE:

Every day, before use, remove the tool from the air line, use an oil can and pour the equivalent of a tablespoon of suitable oil into the machine (through the air intake). Operate at low speed to ensure lubrication of all moving parts. If machine is in constant use or is to be used for long periods of time a combination filter/lubricator must be fitted in the system. At all times the system must be fitted with an air filter.

Recommended oils are Shell Tellus 22, Duckhams Zircon 32 or Castrol AWS32. Do not use normal engine oil or similar.

Please note: failure to comply with the above Maintenance/Operating Instructions could invalidate the Guarantee.

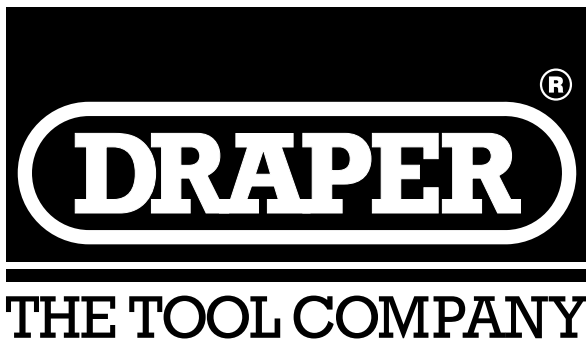


TROUBLE SHOOTING

PROBLEMS	POSSIBLE CAUSES	REMEDIES
Tool runs at normal speed but loses speed under load	<ul style="list-style-type: none"> ■ Motor parts worn. ■ Cam clutch worn or stick due to lack of lubricant. 	<ul style="list-style-type: none"> ■ Lubrication clutch housing. ■ Check for excess clutch oil. Clutch cases need only be half full. Overfilling can cause drag on high speed clutch parts, ie. a typical oiled/lubricated wrench requires ½ ounce of oil. ■ GREASE LUBRICATED NOTE: Heat usually indicates insufficient grease in chamber. Severe operating conditions may require more frequent lubrication.
Tool runs slowly. Air flows slightly from exhaust.	<ul style="list-style-type: none"> ■ Motor parts jammed with dirt particles. ■ Power regulator in closed position. ■ Air flow block by dirt. 	<ul style="list-style-type: none"> ■ Check air inlet filter for blockage. ■ Pour air tool lubricating oil into air inlet as per instructions. ■ Operate tool in short bursts quickly reversing rotation back and forth where applicable. ■ Repeat above as needed. If this fails return to service centre.
Tools will not run. Air flows freely from exhaust.	<ul style="list-style-type: none"> ■ One or more motor vanes stuck due to material build up. 	<ul style="list-style-type: none"> ■ Pour air tool lubricating tool into air inlet. ■ Operate tool in short bursts of forward and/or reverse rotation where applicable. ■ Tap motor housing gently with plastic mallet. ■ Disconnect supply. Free motor by rotating drive shank manually where applicable. ■ If tool remains jammed return to service centre.
Tool will not shut off.	<ul style="list-style-type: none"> ■ 'O' ring throttle valve dislodged from seat inlet valve. 	<ul style="list-style-type: none"> ■ Replace 'O' ring or return to service centre.



NOTES



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YOUR DRAPER STOCKIST

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