

AXMINSTER

PROfessional

Code 107621

Original Instructions

AP1532NS



Nailer/Stapler 18G 15-32mm



AT: 09/02/2022
BOOK VERSION: 1

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<p>Cert No: F32/9032F</p> <p>Axminster Tool Centre Ltd Axminster Devon EX13 5PH UK axminstertools.com</p> <p>declares that the machinery described:-</p> <table border="1"><tr><td>Type</td><td>Brad Nailer/Staplier</td></tr><tr><td>Model</td><td>AP1532NS</td></tr></table> <p>Signed </p> <p>Andrew Parkhouse Operations Director</p>	Type	Brad Nailer/Staplier	Model	AP1532NS	<p>EU Declaration of Conformity</p> <p>This machine complies with the following directives:</p> <p>2006/42EC 2023-10-70-10-PB001</p> <p>and conforms to the machinery example for which the EC Type-Examination Certificate No 105981C has been issued by ChongQing Hybest Tools Group Co., Ltd. at: No. 157, Jienan Street, Banan District Chongqing, China</p> <p>and complies with the relevant essential health and safety requirements.</p> <p></p>
Type	Brad Nailer/Staplier				
Model	AP1532NS				
<p>Date: 07/07/2010</p>					

READ ALL INSTRUCTIONS BEFORE OPERATING THE TOOL

SUMMARY

You will need the instruction for the safety warning and precautions, assembly instruction, operating and maintains procedures, parts list and diagram. Keep your invoice with this instruction. Write the invoice number on the inside of the front cover. Keep the instruction and invoice in a safe and dry place for future reference.

SPECIFICATIONS

Characteristic	Value
Minimum Operating Air Pressure	60 PSI
Maximum Operating Air Pressure	95 PSI
Nail Length Range	3/8" -- 1-1/4"
Staple Length Range	3/8" -- 1-1/4"
Nail Size	18 Gauge
Nail Capacity	100
Air Inlet	1/4" NPT
Air Consumption	1.8 CFM
Tool Weight	3 lbs

SAFETY WARNINGS & CAUTIONS

- 1. KEEP WORKING AREA CLEAN.** Cluttered areas invite injuries.
- 2. DON'T ALLOW CHILDREN KEEP AT THE WORKING AREA.** Don't let them handle the tool.
- 3. DO NOT OPERATE THIS TOOL IF UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.** Read warning label on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not attempt to operate.
- 4. USE SAFETY GLASSES.** Safety glasses should conform to ANSI Z87.1 specifications. Before operating, wear safety glasses against flying debris from the front and side. Safety glasses should be worn when loading, operating, unloading or servicing this tool.
- 5. USE EAR PROTECTION.** The working area may be exposed to high noise levels that can lead to hearing damaged.
- 6. NEVER USE OXYGEN COMBUSTIBLE GASES, BOTTLED GASES OR HIGH PRESSURE COMPRESSED GAS AS A POWER SOURCE FOR THIS TOOL.** The tool may explode and cause serious injury.
- 7. DRESS SAFELY.** Protective gloves and nonskid footwear or safety shoes are recommended when working with and operating this tool. Don't wear loose clothing or jewelry. They can get caught in moving parts. Also, wear a protective hair covering to prevent long hair from getting caught in the tool.
- 8. DO NOT FIRE TO HARD MATERIALS.** Do not attempt to shoot toward hard or brittle material such as concrete, steel or tile.
- 9. WHEN OPERATING TOOL.** keep the proper footing and balance to avoid damaged resulting from losing balance.
- 10. CHECK DAMAGED PARTS.** Before using tool, carefully check if there is any part damaged.
- 11. REPLACE PARTS AND ACCESSORIES.** Only allow use same replacement parts while servicing. Approved accessories and replacement parts are available.
- 12. KEEP ALERT.** Watch what you are doing. Use common sense. Do not operate any tool when you are tired.
- 13. STORE THE TOOL.** When not in use, tool should be cleaned, fully assembled and then, stored in a dry location to reduce rust. For safety, keep out of reach of children.

14. **OUTDOORS EXTENSION CORDS.** When air compressor is used outdoors, use only rounded jackets extensions cords intended for outside use. See manufacturer's manual for the AWG required for the compressor's amperage draw.
15. **PAY ATTENTION TO AIR HOSE AND THEIR CONNEATIONS.** Don't trip over hoses. Make sure all connections are tight.
16. **AFTER LOADING THE FASTENERS.** never point the tool at yourself or bystanders.
17. **USE THE CORRECT AIR CONNECTOR.** The connector on the tool must not hold pressure when the air supply is disconnected. If the wrong fitting is used, the tool can be charged with air after being disconnected and still be able to drive a fastener.
18. **WHEN CONNECTING THE AIR.** The tool can possibly fire the fasteners. Therefore, remove all the fasteners before connecting to the air.
19. **DO NOT DEPRESS THE SAFE BRACKET AND THE TRIGGER WHEN LOADING.**
20. **IF THE FASTENERS ARE JAMMED.** Disconnect the tool from the air and remove the jammed fasteners out.
21. **THIS TOOL IS EQUIPED WITH THE SAFE BRACKET THAT CAN ADJUST THE DEPTH OF THE DRIVER.** When adjusting the depth of the driver, first disconnect the tool from the air and rotate nut by thumb to satisfactory position.

WARNING: The warning, caution, and instructions explained in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that COMMON SENSE AND CAUTION ARE FACTORS WHICH CANNOT BE BUILT INTO THIS PRODUCT, BUT MUST BE SUPPLIED BY THE OPERATOR.

UNPACKING

When unpacking, please refer to following table and check all the parts are complete. If any parts are missing or broken, please call seller for help.

Description	Qty
Combination Nailer/Stapler	1
S3 Hex Key	1
S4 Hex Key	1
Air Tool Oil	1
Operating instruction	1

SETTING

Your air tool is fully assembly when you receive it. Before using it, attach the air line and desired air system accessories. See Figure 1 for the recommended accessories and connection order. Be sure the air hose is depressurized when installing or removing adapters to the air line.

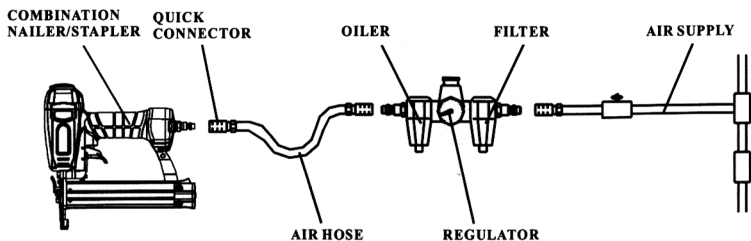


Figure 1

CONNECTING THE TOOL TO AN AIR SUPPLY

1. Determine if the tool needs oil and, if necessary, place two drops of oil in the AIR PLUG(78) as shown in Figure 2. If you are using an automatic in-line oiler, check and add oil if necessary.
2. Turn the compressor on and set the regulator to the proper pressure according to the size and type of fastener being used.
3. Connect the tool to the air supply (see setting for air supply connection recommendations).



Figure 2

LOADING THE FASTENERS

1. Depress the LOCK (68) to release the MOVABLE MAGAZINE (57) and pull the magazine out fully as shown in Figure 3.
2. Place a full clip of the specified type and size fasteners on the FIXED MAGAZINE (62), 100 fasteners may be loaded in the magazine.
3. Push the MOVABLE MAGAZINE ASSEMBLY forward until it was locked.

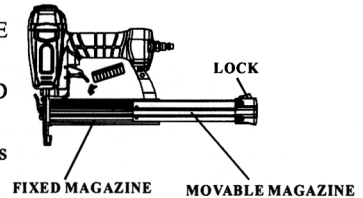


Figure 3

OPERATING THE TOOL

Test the driving depth in a sample piece of wood before using. If the fasteners are being driven too far or not far enough, adjust the regulator to provide less air pressure or more air pressure.

1. Load fastener as following the direction given in the section called **LOADING THE FASTENER**.
2. Connect the tool to the air supply. Make sure the air pressure is in correct range denoting in the section **SPECIFICATIONS**.
3. Hold the Body (24), press the Drive Guider (55) to work surface, being sure that the tool is straight and then, gently depress the Trigger (42) to drive the fastener.
4. Lift the tool off the working surface.
5. The tool has two driving modes:
 - 1). Put the nose on the working surface, lightly push he tool toward the working surface until the Safe bracket is depressed, then, depress the trigger to drive the fasteners.
 - 2). First, depress the Trigger, then, repeatedly impact he Safe bracket, the tool can repeatedly drive the fasteners. The tool will drive one fastener when the Safe bracket is impacted one time

REGULAR MAINTENANCE

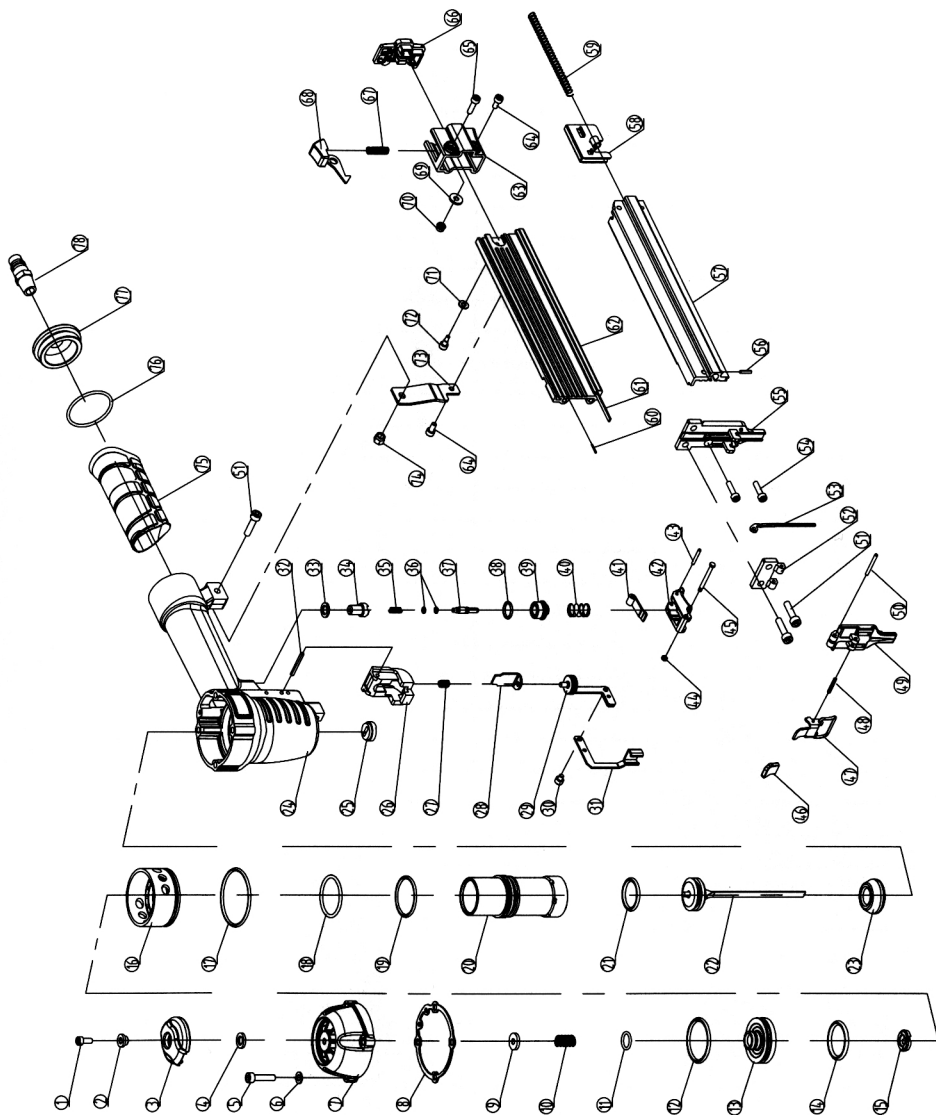
1. Frequent, but not excessive, lubrication is required for best performance. Oil added through the air inlet will lubricate internal parts. An automatic air line oiler is recommended but oil may be added manually before every operation or after about 1 hour of continuous use. Only a few drops of oil at a time are necessary. Too much oil will collect inside the tool and be blown out during the exhaust cycle. **ONLY USE PNEUMATIC TOOL OIL**. Do not use detergent oil or additives, because these lubricants will cause accelerated wear to the seal in the tool.
2. Use a small amount of oil on all moving surface and pivots.
3. Dirt and water in the air supply are major causes of pneumatic tool wear. Use a filter/oiler for better performance and longer life. The filter must have adequate flow capacity for the specific application. Consult the manufacturer's instructions for proper maintenance of your filter.
4. Keep tools clean for better and safer performance. Use nonflammable cleaning solutions (**CAUTION: Such solutions may damage O-ring and other tool parts**) only if necessary. **DO NOT SOAK**.

TROUBLE SHOOTING

STOP USING THE TOOL IMMEDIATELY IF ANY OF THE FOLLOWING PROBLEMS OCCUR. SERIOUS PERSONAL INJURY COULD OCCUR. ANY REPAIRS OR REPLACEMENTS MUST BE DONE BY A QUALIFIED PERSON OR AN AUTHORIZED SERVICE CENTER ONLY.

PROBLEM	CAUSE	SOLUTION
Air leaking at Trigger area	<ol style="list-style-type: none"> 1. O-ring in trigger valve are damaged. 2. Trigger valve head are damaged. 3. Trigger valve stem, seal or O-ring are damaged. 	<ol style="list-style-type: none"> 1. Check and replace O-ring. 2. Check and replace trigger valve head. 3. Check and replace trigger valve stem, seal or O-ring.
Air leaking between body and front plate	Damaged piston O-ring or bumper.	Check and replace O-ring or bumper.
Air leaking between body and cylinder cap	<ol style="list-style-type: none"> 1. Screw loose. 2. Damaged seal. 	<ol style="list-style-type: none"> 1. Tighten screws. 2. Check and replace seal.
Blade driving fastener too deeply	<ol style="list-style-type: none"> 1. Worn bumper 2. Air pressure is too higher. 	<ol style="list-style-type: none"> 1. Replace bumper. 2. Adjust the air pressure.
Runs slowly or has power loss	<ol style="list-style-type: none"> 1. Insufficient oil. 2. Insufficient air supply. 3. Broken spring in cylinder cap. 4. Exhaust port in cylinder cap is blocked. 	<ol style="list-style-type: none"> 1. Lubricate as instructed. 2. Check air supply. 3. Replace spring. 4. Replace damaged internal parts.
Tool skip a fasteners	<ol style="list-style-type: none"> 1. Worn bumper or damaged spring 2. Dirt in front plate. 3. Inadequate airflow to tool. 4. Worn or dry O-ring on piston. 5. Damaged O-ring on trigger valve. 6. Cylinder cap seal leaking. 	<ol style="list-style-type: none"> 1. Replace bumper or pusher spring. 2. Clean drive channel of front plate. 3. Check hose and compressor fittings. 4. Replace O-ring or lubricate. 5. Replace O-ring. 6. Replace seal.
Fasteners are jammed	<ol style="list-style-type: none"> 1. Joint guider is worn. 2. Fasteners are wrong size or damaged. 3. Magazine or front plate screws are loose. 4. Blade in piston assembly is damaged. 	<ol style="list-style-type: none"> 1. Replace joint guider. 2. Use the recommended and undamaged fasteners. 3. Tighten screws. 4. Replace piston assembly.
Tool will not drive down tight	<ol style="list-style-type: none"> 1. Worn blade in piston assembly. 2. Lack of power. 3. Slow cycling and loss of power. 	<ol style="list-style-type: none"> 1. Replace piston assembly. 2. Adjust to adequate air pressure. 3. Check cylindre cap spring for broken coils or reduced length. Check if exhaust port of cylinder cap is restricted.

EXPLODED VIEW DRAWING



PARTS LIST

Refer to the Exploded View Drawing for the location of parts listed below

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	SCREW	40	SPRING
2	BUSHING	41	TRIGGER SPRING
3	EXHAUST COVER	42	TRIGGER
4	WASHER	43	SPRING PIN
5	SCREW	44	WASHER
6	WASHER	45	TRIGGER PIN
7	CYLINDER CAP	46	RUBBER SLEEVE
8	GASKET	47	LATCH ASSEMBLY
9	VALVE SEAT	48	SPRING PIN
10	SPRING	49	FRONT PLATE
11	O-RING	50	SPRING PIN
12	O-RING	51	SCREW
13	VALVE	52	PLATE
14	O-RING	53	ORIENTED BAR
15	STOPPED WASHER	54	SCREW
16	COLLAR	55	DRIVE GUIDE
17	O-RING	56	SPRING PIN
18	O-RING	57	MOVABLE MAGAZINE
19	O-RING	58	FEEDER SHOE
20	CYLINDER	59	SPRING
21	O-RING	60	PIN
22	PISTON ASSEMBLY	61	RAIL
23	BUMPER	62	FIXED MAGAZINE
24	BODY	63	MAGAZINE PLATE
25	JOINT GUIDE	64	SCREW
26	SAFE GUIDE	65	SCREW
27	SPRING	66	COVER
28	SAFE BRACKET A	67	SPRING
29	SAFE BRACKET ASSEMBLY	68	LOCK
30	SCREW	69	BUSHING
31	SAFE BRACKET B	70	NUT
32	SPRING PIN	71	WASHER
33	SEAL	72	SCREW
34	TRIGGER VALVE HEAD	73	SUPPORT
35	SPRING	74	NUT
36	O-RING	75	SOFT GRIP SLEEVE
37	TRIGGER VALVE STEM	76	O-RING
38	O-RING	77	END CAP
39	TRIGGER VALVE GUIDE	78	AIR PLUG