

INGCO

2 IN1 Combo Brad Nailer

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ACN50401



SCAN FOR VIDEO



INGCO Global



Important Safety Rules

1. **KEEP CHILDREN AWAY.** All children should be kept away from the work area. Don't let them handle the tool.
2. **USE SAFETY GLASS AND EAR PROTECTION:** Air tool operators and others in work area should always wear safety glass to prevent the injury from fasteners and flying debris when loading and unloading this too l. Maybe the noise would harm hearing, wear the ear protection to safeguard. (See fig 1.)
3. **NEVER USE OXYGEN, COMBUSTIBLE OR ANY OTHER BOTTLE GAS** as a power source or would cause explosion and serious personal injury. (See fig 2.)
4. **DO NOT CONNECT TOOL TO COMPRESSED AIR** which pressure exceeds 120psi.
5. **DO NOT PLACE OVER-LONG AIR HOSE** in working area in case of the operator's unexpected tripping .Make sure all connections are tight
6. **CARRING TOOL ONLY BY THE HANDLE** do not keep the trigger pull on safety yoke mechanism to avoid unintentional firing of fastener.
7. **KEEP THE TOOL POINTED AWAY FROM YOURSELF** and others at all time and keep hands, any body parts away rear area to Safety guard against possible injury.
8. **DISCONNECT TOOL FROM AIR SUPPLY BEFORE LOADING** fasteners to prevent a fastener from being fired during connection. (See fig3.)
9. **DO NOT KEEP THE TIRGGER OR SAFETY DEPRESSED** during loading fasteners or the unintentional firing of a fastener would cause personal injury.
10. **DISCONNECT TOOL FROM AIR SUPPLY HOSE** and close the compressor before performing maintenance, alter the accessories or during non-operation.
11. **DO NOT DRIVE FASTENER ON SCAFFOLDINGS,LADDERS** and on such similarly construction, not working on airtight case, and vehicles.
12. **DO NOT DRIVE FASTENERS CLOSE TO THE EDGE OF THE WORK PIECE.**
The work piece would split allowing fastener to fly free or ricochet causing personal injury.
13. **DO NOT DRIVE FASTENER ON TOP OF NAILED FASTENER,** or the fastener can ricochet causing personal injury.
13. **NEVER USE A TOOL** that is leaking air, had missing or damaged parts or requires repair and make sure all the screws and securely tightened.
14. **MAKE DAILY INSPECTION FOR FREE MOVEMENT** of trigger, safety mechanism and spring to insure the tool can operate well.
15. **ONLY USE PARTS AND ACCESSORIES** recommend by manufacturer. 2

Fig 1.

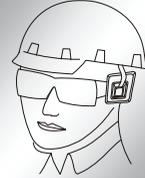


Fig 2.



Fig 3



Specification

Capacity	100pcs
Nail length.....	15-50mm (5/8" - 2")
Staple length.....	16-40mm (5/8" - 1-5/8")
Fastener size.....	18Gauge (1.25×1.00mm) nails
.....	18Gauge(1.25 × 1.00mm) staples
Operation pressure.....	.60-100PSI (4-7bar)
Air inlet.....	1/4" N.P.T.
Dimension.....	.55×245×250mm
Weight.....	1.5kgs

Accessories included:

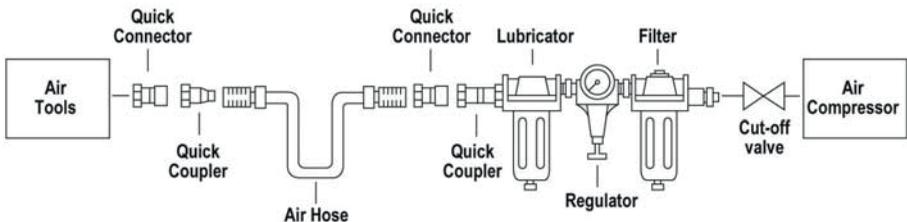
- 1000pcs brads (50mm)
- 200pcs staples (40mm)
- 1pcs safety goggles
- 1pcs oil bottle
- 2pcs hex keys

Operating instruction

Model ACN50401 drives Ga.18 finish nails from 15mm to 50mm length and Ga.18 staples from 16mm to 40mm length. 2 in 1 magazine, shoot staples and finish nails without adjustment. Large cast aluminum body provides more power to easily drive nails in to hard wood. Comfort grip rubber handle for improved control and comfort even during extended use. Features 360-degree exhaust port can be adjusted to any direction. Continue firing for high efficient working. Narrow nose is idea for door and window trims, exterior trims, and cabinet work, finish paneling, decorative trims, furniture making and etc.

Air supply

1. Use clean, Dry and Regulated compressed air at 4-7 bar (60-100psi)
2. Never exceed maximum and minimum pressure. Too low or too high pressure would cause noise, fast-worn or misfiring.
3. When connecting air supply always keep hands and body from discharge area of tool.
4. A filter-regulator-lubrication is required and should be located as close to tool as possible.
5. Keep air filter clean. A dirty filter will reduce the air pressure to the tool causing a reduction in power and efficiency.
6. For better performance, install a quick connector in your tool and quick coupler on the hose if possible.
7. Be sure all connections in air supply system are sealed to prevent air loss.



Loading fastener and operation

⚠WARNING: Always disconnect the tool from the compressed air before loading. When loading the tool always point the tool away from yourself and others. Make sure that you are not holding the tool with trigger depressed while loading the tool.

1. Insert a strip of fasteners into magazine keeping it point down.
2. Release the latch and pusher, slid the pusher against the nails.
3. Connect the tool to the air supply. Make sure the air pressure is in the correct range denoted in the Technical Data.
4. Then 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.
5. Never operate tool unless safety nose is contact with work piece. Do not operate tool without fasteners or damage to tool may result.
6. Never fire fasteners into air because fasteners may injury operator or others and damage to tool may result.
7. The air tool is equipped with safety stand and mechanism that disable tool unless safety stand is pushed against work. hold gun body firmly and press safety stand on work piece where fastener is to be applied. Pull the trigger to drive fastener into work piece.
8. This operating procedure provides rapid-fire fastener driving. Never operate tool unless safety stand is in contact with work piece.

Maintenance

⚠WARNING: Disconnect the tool from the air compressor before adjusting, clearing jams, servicing, relocating and during non operation.

- Regular lubrication, if your tool without using the in-liner automatic oiler, place 2 or 6 drops of pneumatic tool oil into the air inlet before each work day or after 2 hours of continuous use depending on the characteristic of workpiece or type of fasteners.
- Check and change all worn or damaged o-rings, seals, etc. Tight all the screws and caps in case personal injury.
- Inspect trigger and safety mechanism to assure safe system is complete and functional: no loose and missing parts, no building or sticking parts.
- Keep magazine and nose of tool clean and free of any dirt lint or abrasive particles. 4

Troubleshooting

The following form lists the common operating system with problem and solutions. Please read the form carefully and follow it.

⚠ WARNING: If any of the following symptoms appears during your operating, stop using the tool immediately, or serious personal injury could result. Only a qualified persons or an authorized service center can perform repairs or replacement of tool.

Disconnect tool from air supply before attempting repair or adjustment. When replacing O-rings or Cylinder , lubricate with air tool oil before assembly.

SYMPTOM	PROBLEM	SOLUTIONS
Air leak near top of tool or in trigger area	1.O-ring in trigger valve are damage. 2.Trigger valve head are damage. 3.Trigger valve stem ,seal or O-ring are damaged.	1.Check and replace O-ring. 2.Check and replace. 3.Check and replace trigger valve stem , seal or O-ring
Air leak near bottom of tool.	1. Loose screws. 2. Worn or damaged O-rings or bumper.	1.Tighten screws. 2.Check and replace O-rings or bumper.
Air leak between body and cylinder cap.	1. Loose screws. 2. Worn or damaged O-rings or seals.	1.Tighten screw. 2.Check and replace O-rings or bumper.
Blade driving fastener too deep.	1. Worn bumper. 2. Air pressure is too high.	1.Replace bumper. 2.Adjust the air pressure.
Tool does not operate well: can not drive fastener or operate sluggishly.	1. Inadequate air supply. 2. Inadequate lubrication. 3. Worn or damaged O-rings or seals. 4.Exhaust port in cylinder head is blocked.	1.Verify adequate air supply. 2.Place 2 or 6 drops of oil into air inlet. 3.Check and replace O-rings or seal. 4.Replace damaged internal parts.
Tool skips fasteners.	1.Worn bumper or damaged spring. 2.Dirt in front plate. 3.Dirt or damage prevents fasteners from moving freely in magazine. 4.Worn or dry O-ring on piston or lack of lubrication. 5.Cylinder cover seal leaking.	1.Repalce bumper or pusher spring. 2.Clean drive channel on front plate. 3.Magazine needs to be cleaned. 4.O-ring need to be replaced. And lubricate. 5.Replace Sealing washer.
Tool jams.	1.Incorrect or damaged fasteners. 2.Damaged or worn driver guide. 3.Magazine or nose screw loose. 4.Magazine is dirty.	1.Change and use correct fastener. 2.Check and replace the driver. 3.Tighten the magazine. 4.Clean the magazine.

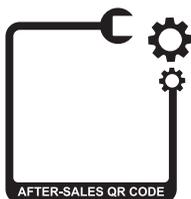
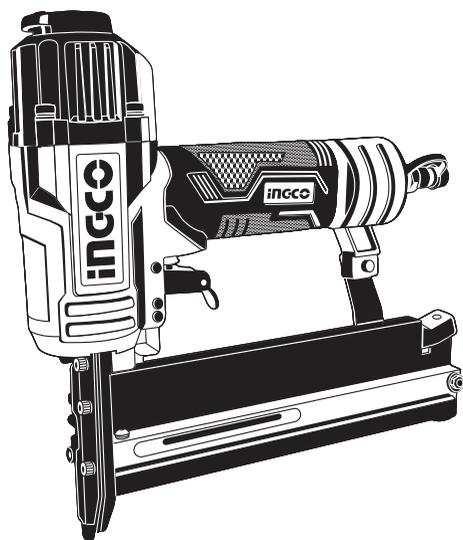


SPARE PART LIST

ACN50401

NO.	Part Description	Qty	NO.	Part Description	Qty
1	Bolt	1	42	trigger handle Spring	1
2	Deflector Spring	1	43	Pin 2.5×16	1
3	Air Deflector	1	44	Safety Spacer	1
4	Bolt M5×20	6	45	Trigger	1
5	Spring Washer 5	6	46	Bolt M4×10	3
6	Cylinder Cover	1	47	spring washer 4	5
7	O-ring 13.7×2.4	1	48	TUV Safety Cover	1
8	sealing Washer	1	49	Cover plate	1
9	Compressed Spring	1	50	Sticker Plate	1
10	Switch Valve	1	51	Driver Guide	1
11	bumper Washer	1	52	Bolt M4×14	2
12	O-ring 31.2×2.5	1	53	Movable Magazine	1
13	O-ring 24.8×3.5	1	54	Pin 1.5×10	1
14	sealing spacer	1	55	Inlay Slice	1
15	Collar	1	56	Fixed Magazine	1
16	O-ring 41.7×3	1	57	Indicate Label	1
17	O-ring 26.2×2.4	1	58	Magazine Label	1
18	Cylinder	1	59	Slice	1
19	O-ring 21×3	1	60	Pipe	1
20	Main piston	1	61	Fixed Seat	1
21	Bumper	1	62	Compressed Spring	2
22	Gun Body	1	63	Pusher Pipe	2
23	Rubber Washer	1	64	Tip Stand	1
24	O-ring 1.7×2	3	65	Compressed Spring	1
25	Step Pin	3	66	Spacer	1
26	Slide Stand	1	67	Support Seat	1
27	Compressed Spring	1	68	Bolt M4×38	1
28	E-ring 6	1	69	Step Pin	1
29	TUV guide stand	1	70	Screw M4×6	2
30	TUV Adj. Nut	1	71	Bolt M4×6	2
31	Nut M4	4	72	fixed seat	1
32	Pusher Spring	1	73	Bolt washer 4	2
33	Steel ball Dw=2	1	74	Bolt M4×20	1
34	TUV safety nose	1	75	Rubber Handle Case	1
35	Rectangle Washer	1	76	O-ring 36.3×3.55	1
36	Trigger Valve Guide	1	77	End Cap	1
37	trigger stem Spring	1	78	Air Inlet Plug	1
38	Trigger Valve Stem	1	79	Air Inlet Plug case	1
39	O-ring 2.5×1.5	2	80	O-ring 2.4×1.6	1
40	Trigger Valve Seat	1	81	Bolt M4×14	2
41	O-ring 11.2×2	1	82	PLUG	1

INGCO



INGCO TOOLS CO., LIMITED
No. 45 Songbei Road, Suzhou
Industrial Park, China.

www.ingco.com

MADE IN CHINA 0521.V07

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