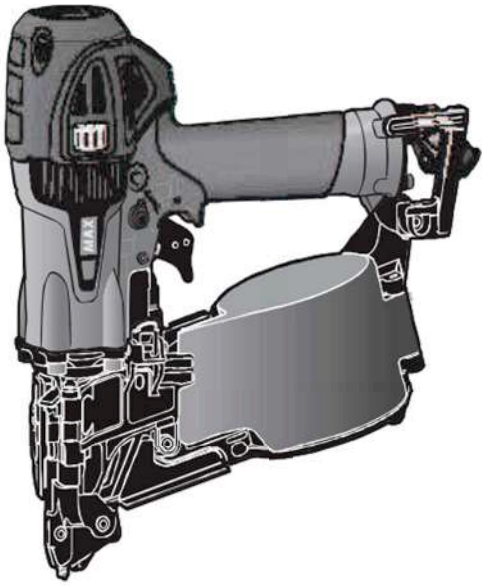
PowerLite

MAX

OPERATING INSTRUCTIONS MANUAL

HIGH PRESSURE COIL NAILER



HN65J2

Original Language English

⚠WARNING Please read instructions and warnings for this tool carefully before use. Failure to do so could lead to serious injury. See MAX Safety Instructions Manual.
Keep these instructions with the tool for future reference.

December 2021

Fig.1

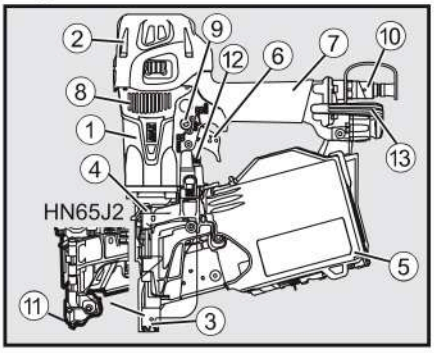


Fig.2

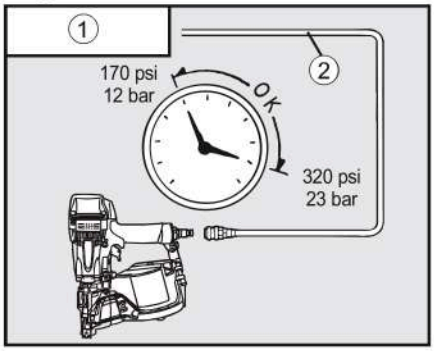


Fig. 3

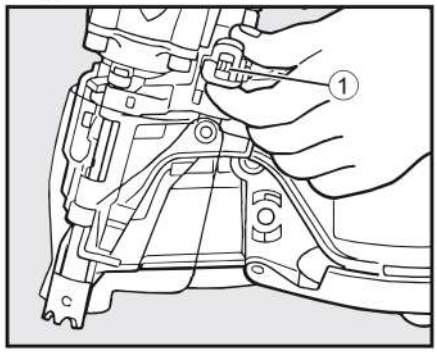


Fig.4 (HN65J2)

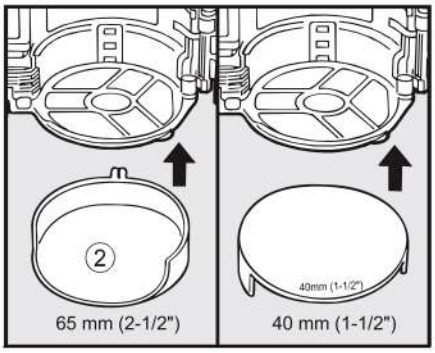


Fig. 5 (HN65J2)

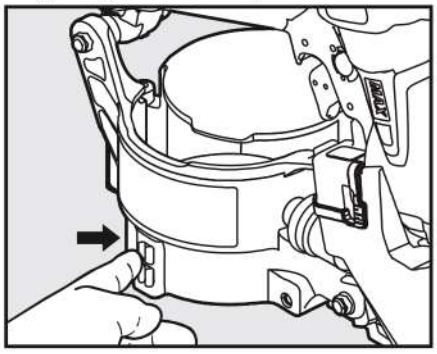


Fig. 6

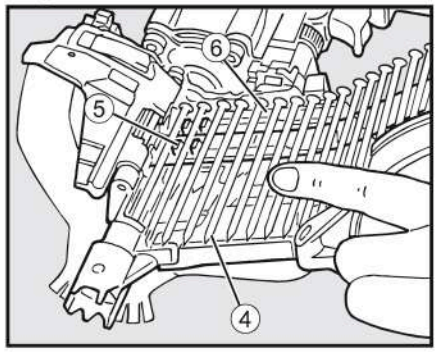


Fig.7

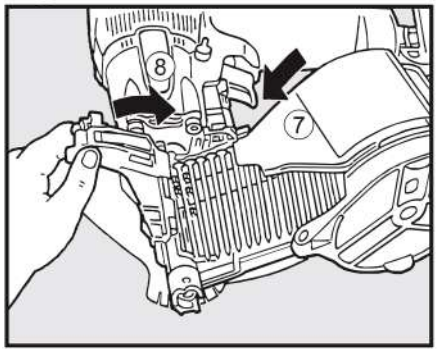


Fig. 8

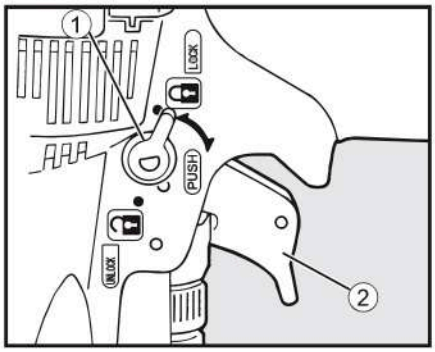


Fig. 9 (HN65J2)

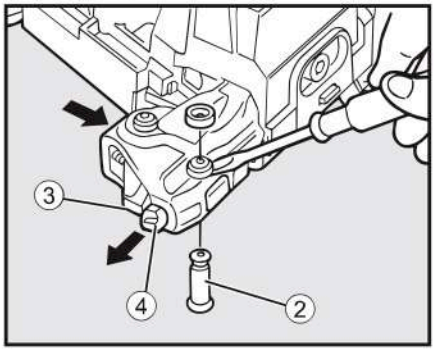
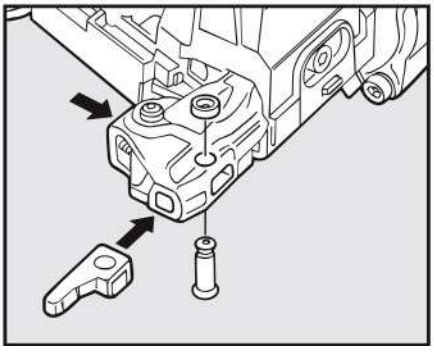


Fig. 10 (HN65J2)



December 2021

ENGLISH

OPERATING INSTRUCTIONS MANUAL

1. SPECIFICATIONS AND TECHNICAL DATA

1. NAME OF PARTS (SEE Fig.1)

① **Frame**
② **Cylinder Cap**
③ **Contact Arm**
③ **Contact Nose**
④ **Nose**
⑤ **Magazine**
⑥ **Trigger**
⑦ **Grip**
⑧ **Exhaust Cover**
⑨ **Trigger Lock Dial**
⑩ **Plug**
⑪ **Aiming Guide Locator (HN65J2)**
⑫ **Adjust Dial**
⑬ **Rafter Hook**
⑬ **Belt Hook (HN65J2)**

2. TOOL SPECIFICATIONS

PRODUCT NO.	**HN65J2**
HEIGHT	299mm (11-3/4")
WIDTH	109mm (4-1/4")
LENGTH	298mm (11-3/4")
WEIGHT	2.1 kg (4.61 lbs.)
RECOMMENDED OPERATING PRESSURE	)
LOADING CAPACITY	100 Nails
AIR CONSUMPTION	1.4L at 18 bar / 257 p.s.i. operating pressure

3. FASTENER SPECIFICATIONS

PRODUCT NO.	**HN65J2**
TYPE OF COLLATION	PLASTIC SHEET COLLATED
NAIL LENGTH	40 to 65mm (1-1/2" to 2-1/2")
SHANK DIAMETER	3.3 to 4.1mm (.131" to .162")
SHANK TYPE	Smooth, Ring
HEAD DIAMETER	7.2 to 7.3mm (.283" to .287")

4. TECHNICAL DATA

NOISE

	HN65J2
A-weighted single-event sound power level ------ LWA, 1s, d	97.2dB
A-weighted single-event emission sound pressure level at work station------ LpA, 1s, d	85.2dB
Uncertainty	3dB

These values are determined and documented in accordance to EN12549:1999+A1:2008.
NOTE: These values are tool-related characteristic values and do not represent the noise generation at the point of use. Noise at the point of use will for example depend on the working environment, the workpiece, the workpiece support, and the number of driving operations. In addition, reference should be made to noise reduction measures.
NOTE: Workplace design can also serve to reduce noise levels, for example placing workpieces on sound-damping supports (see also ISO 11690-1).

VIBRATION

	HN65J2
Vibration characteristic value	5.38 m/s^2
Uncertainty	1.5 m/s^2

These values are determined and documented in accordance to ISO 28927-13
NOTE: The vibration emission value above is a tool-related characteristic value and does not represent the influence to the hand-arm-system when using the tool. Any influence to the hand-arm-system when using the tool will for example depend on the gripping force, the contact pressure force, the working direction, the adjustment of energy supply, the workpiece, the workpiece support.

5. APPLICATIONS

HN65J2
* Fastening metal connectors for wood construction.

6. ABOUT PRODUCTION YEAR

This product bears production number at the lower part of the grip of the main body. The two digits of the number from left indicates the production year.

(Example)
2 0 8 2 6 0 3 5 D
T
Year 2020

2. AIR SUPPLY AND CONNECTIONS (Fig.2)

A. HOSES AND SUPPLY SOURCE
WHEN USING THE TOOL, BE SURE TO USE A SPECIAL AIR COMPRESSOR AND AIR HOSE.
In order to improve its performance, it has set its working pressure higher than the conventional nailers. To use the tool, you always need the special air compressor ① and the air hose ② (MAX PowerLite Compressor and MAX PowerLite Hose).
Use of high pressure gas (for example, oxygen, acetylene, etc.) causes abnormal combustion, possibly resulting in explosion.
Use only the special air compressor and air hose.

B. OPERATING PRESSURE:
12 to 23 bar / 170 to 320 p.s.i. Select the operating air pressure within this range for best performance based upon the fastener application and work surface. Using the lowest acceptable to minimize noise, vibration and wear.
⚠ DO NOT EXCEED 23 bar / 320 p.s.i.

NOTICE:
Frequent, but not excessive, lubrication is required for the best performance. Upon completion of operations, place 2 or 3 drops of oil into the air plug inlet with the jet oiler.

3. INSTRUCTIONS FOR OPERATION

1. BEFORE OPERATION

1. Wear Safety Glasses or Goggles.
2. Do not connect the air supply.
3. Inspect screw tightness.
4. Check operation of the contact arm & trigger if moving smoothly.
5. Connect the air supply.
6. Check the air-leakage. (The Tool must not have the air-leakage.)
7. Hold the Tool with finger-off the trigger, then push the contact arm against the work-piece. (The tool must not operate.)
8. Hold the Tool with contact arm free from work-piece and pull the trigger. (The Tool must not operate.)
9. Disconnect the air supply.

NAIL LOADING

1. (Fig.6) Open the Magazine:
   Pull up Door Latch ① and swing Door open. Swing Magazine Cap open.

2. (Fig.8,9) (HN65J2) When using 40mm / 1-1/2" nails, attach the nail support ② in such a manner that a mark “40” can been seen. When using 65mm / 2-1/2" ones, attach the nail support ② upside down.
   To detach, push the latch on the back of the magazine with a finger.

3. (Fig.10) Nail loading:
   Place a coil of nails ④ over the Nail Post in the Magazine. Uncoil enough nails to reach the Feed Pawl ⑤, and place the second nail between the teeth on the Feed Pawl. The nail heads fit in slot ⑥ on Nose.
4. (Fig.11) Swing Magazine Cap ⑦ closed.
5. (Fig.11) Close the Door ⑧.

Check that Door Latch ① engages. (If it does not engage, check that the nail heads are in the slot ⑥ on the Nose).

TEST OPERATION

1. Adjust the air pressure at 12 bar (170 p.s.i.) and connect the air supply.
2. Without touching the Trigger, depress the Contact Arm against the work-piece.
   Pull the Trigger. (The tool should fire the fastener.)
3. With the tool off the work-piece, pull the Trigger.
   Then depress the Contact Arm or Contact Nose against the work-piece. (Tool with red triggers should fire the fastener, but tool with orange triggers should not.)
4. Adjust the air pressure as much as the lowest possible according to the diameters and length of fastener and the hardness of work-piece.

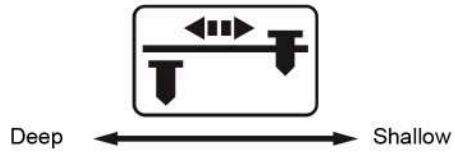
DRIVING FASTENERS
HN65J2
This tool is assembled with FULL SEQUENTIAL ACTUATION.

	PROCEDURE
	❶ Pulling the Trigger and keeping it pulled. ❷ Depressing the Contact Arm.
ANTI-DOUBLE FIRE MECHANISM	The tool fires a nail each time when the Contact Arm is depressed.
FULL SEQUENTIAL ACTUATION	The tool cannot fire a nail.

	PROCEDURE
	❶ Depressing the Contact Arm. ❷ Pulling the Trigger and keeping it pulled.
ANTI-DOUBLE FIRE MECHANISM	The tool fires a nail. The tool cannot fire a second nail until the Trigger is released.
FULL SEQUENTIAL ACTUATION	The tool fires a nail. In order to fire a second nail, you should both release the Trigger and remove the Contact arm from the surface.

DRIVING DEPTH ADJUSTMENT DIAL

Adjust the driving depth by twisting the adjustment dial ⑫ as indicated below.



TRIGGER LOCK MECHANISM (Fig.12)

This tool has a Trigger Lock. The trigger should be locked at all times until you intend to drive nail into the work surface. Push and rotate the Trigger LOCK Dial ① clockwise from LOCK to UNLOCK position immediately before driving nails. When fastening is complete, push and rotate switch counterclockwise to LOCK position.

REMOVING JAMMED NAILS (Fig.14)

⚠WARNING

- **ALWAYS disconnect the air supply.**
- **Wear gloves when removing jams; do not use bare hands**
- **Confirm that you have removed all nails from nose of tool before reconnecting to air supply.**

❶ Disconnect the air supply.
❷ Open the tool door and remove nails from inside of the magazine.
❸ Insert a thin metal stick in the tool nose and hit the metal stick with a hammer or remove the jam with a flathead screwdriver.
❹ Put back the nails on the feed pawl and close the tool door.

When using it, comply with the Work Standards, considering the object condition and work site environment.

❶ Select appropriate nails according to the object thickness, seeing the Nail Selection Criteria Chart.

* The nails may not be driven into the object depending on its hardness or thickness.
* If the object is thicker than an appropriate range of thickness, the nails may not be driven into it because of being bent.

❸ Never drive the nails directly into the light gauge steel because they will fly off, endangering you.
❹ Be sure to apply the discharge outlet to the object at a right angle. If applied obliquely, the nails will fly off, endangering you.
❺ Never use the nails for the roofs (roof foundations included) or ceilings (ceiling foundations included).
❻ If the nails are driven into the steel plate too deeply, their holding force will be extremely reduced. When working with the tool, fully check the driven conditions.

REPLACING THE AIMING GUIDE LOCATOR (HN65J2)

The aiming guide locator is worn out depending on the frequency of use.
If the machine cannot be easily held vertically when setting the aiming guide locator in a hole in a metal fitting, it is about time to replace.
Replace it in the following procedure:

❶ (Fig.9) Remove a rubber washer ① with a regular screwdriver to pull out a pin ②. Push the nail leg guide ③ to remove the aiming guide locator ④.
❷ (Fig.10) Attach a new aiming guide locator, set the pin and put back the rubber washer.

When replacing the aiming guide locator, contact the nearest MAX CO., LTD. authorized distributor.

CHANGING THE HOOK DIRECTION

(Fig.17) The hook can be directed in the two direction. Remove the hexagon socket cap screw with hexagon wrench, change the direction, and then, put back the bolt to reassemble.