

HENRY TOOLS

Industrial Airtools at Work

MODEL
HT-20
HT-30
HT-40



General Safety and Maintenance Manual



MODEL	BLOWS PER MINUTE	BORE AND STROKE	LENGTH	NET WEIGHT	AIR INLET	WORKING AIR CONSUMPTION
HT-20	2400	1 1/8" x 2", 28.5mm x 50.8mm	14" 356mm	13.5 lbs 6.1 kg	3/8" N.P.T.	25
HT-30	1920	1 1/8" x 3", 28.5mm x 76.2 mm	16" 406mm	14.5 lbs 6.5 kg	3/8" N.P.T.	26
HT-40	1500	1 1/8" x 4", 28.5mm x 101.6mm	17" 432mm	15.5 lbs 7.0 kg	3/8" N.P.T.	27

THE HENRY TOOL CO., MANUFACTURED BY HENRY TOOLS

498 So. Belvoir Blvd., South Euclid, OH 44121 U.S.A.

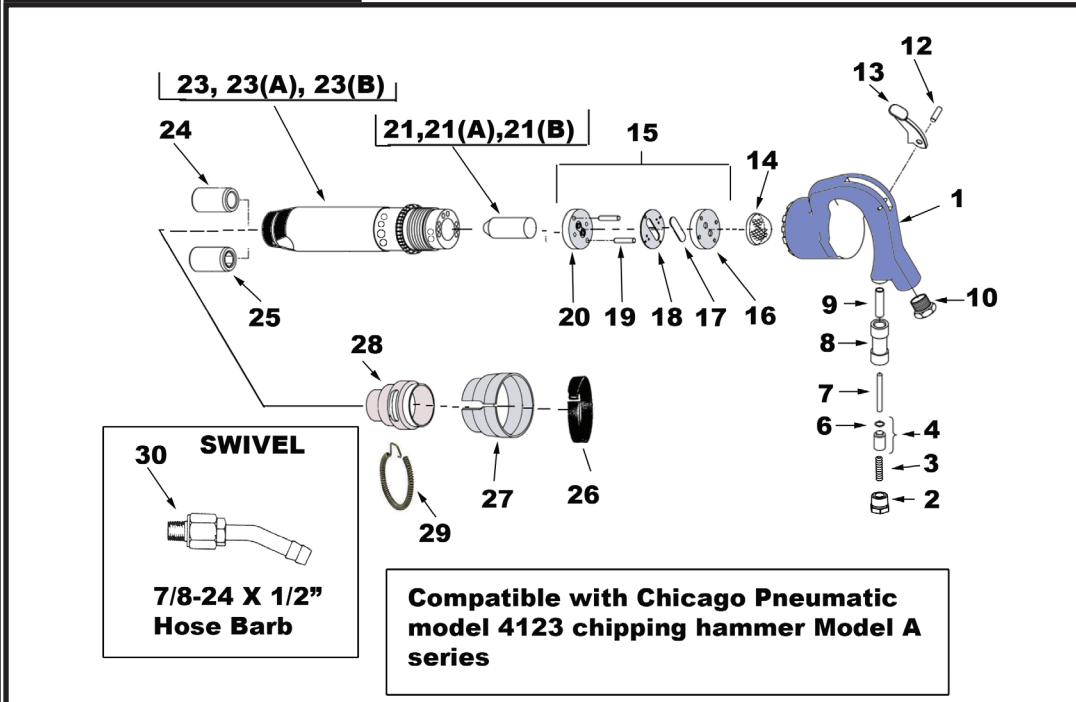
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General Operators Instructions and Service Manual



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Item No.	Part No.	Description
1	P007976	COMPLETE HANDLE ASSEMBLY
2	P001873	PLUG - THROTTLE VALVE
3	P001853	SPRING - THROTTLE VALVE
4	P001768	VALVE - THROTTLE (with O-RING)
6	P083071	O-RING
7	P070719	PIN - THROTTLE VALVE BUSH
8	P071318	TUBE - THROTTLE VALVE
9	P070733	BUSHING - PUSH PIN
10	P009585	BUSHING - PERMANENT
12	A043627	PIN - THROTTLE LEVER
13	P009818	LEVER - THROTTLE
14	P092485	SCREEN
15	P077013	VALVE CASE COMPLETE (Items 16 - 20)
16	P071350	LID - UPPER VALVE CASE
17	P071358	VALVE
18	P071352	CASE - VALVE
19	A041797	PIN - DOWEL
20	P071351	LID - LOWER VALVE CASE

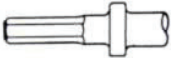

Item No.	Part No.	Description
21	P114387	PISTON - 2" STROKE (MODEL HT-20)
21(A)	P114388	PISTON - 3" STROKE (MODEL HT-30)
21(B)	P114389	PISTON - 4" STROKE (MODEL HT-40)
23	TH-2	CYLINDER - BARREL(2"STROKE) (MODEL HT-20)#2
23(A)	TH-3	CYLINDER - BARREL(3"STROKE) (MODEL HT-30)#3
23(B)	TH-4	CYLINDER - BARREL(4" STROKE) (MODEL HT-40)#4
24	P001550	SLEEVE - Chisel (Round)
25	P001551	SLEEVE - Chisel (Hex)
26	P071354	CLIP - LOCK
27	P071355	SHIELD - LOCK (EXHAUST DEFLECTOR)
28	P107243	SLEEVE - RETAINER (OVAL COLLAR)
29	P070994	SPRING - LOCK COIL
30	1080	SWIVEL - HOSE BARB (7/8"-24 x 1/2")

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CHISELS

Part No.	Description	Cutting Edge Width	Pic	Overall Length	Shank Type
839008	Narrow	1"		9"	 .580 hex shank
839009	Narrow	1"		12"	
839010	Narrow	1"		18"	
839016	Wide	2"		12"	
839018	Moil Point	-		9"	
839014	Narrow	1"		9"	 .680 Round shank
839017	Wide	2"		9"	
839023	Moil Point	-		9"	
839045	Narrow	1"		18"	
839047	Wide	2"		12"	
839083	Narrow	1"		12"	

SAFETY FIRST

READ AND UNDERSTAND ALL INSTRUCTIONS

Failure to follow all instructions listed below, may result in accident, fire and/or personal injury.

SAVE THESE INSTRUCTIONS

Be certain to wear safety equipment such as safety glasses and earplugs. Also, when changing the air hammer's bits, always be sure to disconnect air supply from air hammer first. When using an air hammer, always be aware of the position of the tool and work piece. The tremendous force that the air hammer exerts can cause the tool or work piece to jump powerfully. This movement could easily cause injury to the operator or bystanders.

Caution: Disassembly or reassembly of the unit must be performed by qualified personnel. It is advisable to return units to the factory or consult Henrytools for necessary repair.

1. Do not allow corrosive gases or foreign material to enter the unit.
2. Eye protection is ALWAYS required when running this chipping hammer.
3. Hearing protection is ALWAYS required when running a chipping hammer.
4. Dust mask, non-skid safety shoes, hard hat, gloves and other personal safety equipment must be used.
5. Stay alert, watch what you are doing, and use common



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SAFETY (continued)

sense when operating a power tool.

6. Dress properly. Do not wear any loose clothing or jewelry. These may get caught by moving parts. Make sure to wear a hair-net.

7. Keep your work area clean and well lit.

8. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.

9. Disconnect the tool from the air supply before installing, making any adjustment, changing accessories, servicing or storing tool.

- There are several dangers associated with the use of pneumatic tools. First and foremost is the danger of getting hit by one of the tool's attachments.
- Pneumatic tools must be checked to see that the tools are fastened securely to the air hose to prevent them from becoming disconnected. A short wire or positive locking device attaching the air hose to the tool may also be used and will serve as an added safeguard.
- Eye protection is required, and head and face protection is recommended for individuals working with pneumatic tools. Screens must also be set up to protect nearby workers from being struck by flying fragments around pneumatic chippers.
- Compressed air guns should NEVER be pointed toward anyone.
- Disconnect tool from power supply when exchanging tool chisels or servicing the tool.
- Keep your hands off the tooling used.
- Pay attention to possible abrupt movements of the machine due to reaction forces or breaking of used tooling or workpieces.
- Working with hammers may produce dust and depending on the material of the working surface this may be harmful for the operator's health.
- Personal protective devices and dust vacuum systems must be provided depending on the material of the work pieces / surfaces.
- Chiseling operations may cause fragmentation or even destruction of the work piece.
- The tooling of heavy-duty hammers such as concrete breakers is exposed to especially rough treatment and after some time of use may break due to fatigue.
- Insert tools improperly fastened or damaged may cause strong vibrations.
- The operator's incorrect body carriage will not allow a proper reaction to normal or unexpected movements of the hammer. Make SURE to carry yourself so that you are even prepared for a possible breaking of the insert tool.
- Holding the hammer in the hand freely may lead to vibration injuries.
- The maximum operating pressure (flow pressure) must not be exceeded. A pressure regulator should be integrated so that the pressure will be adjusted before reaching the hammer.
- There is a risk of getting hurt by a whip-lashing air hose - please pay careful attention.
- Do not run tools in the vicinity of inflammable liquids or gases.