

Chipping Hammer / Rivet Buster 2016



MICHIGAN PNEUMATIC TOOL

Industrial Air Tools



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- Demolition
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RIVET BUSTERS

The term "Rivet Buster" is very literal, as these tools were originally designed in the early 1900's for the installation and removal of hot rivets. In their standard configuration, they were used for the installation and shaping of hot rivets in structural steel. The addition of sleeves and a safety retainer to hold chisels allowed for the shearing off of rivet heads and the ability to punch out those same rivets. Advances in bolting technology and welding has all but eliminated the use of hot rivets in new construction. The power of these hard hitting tools led to them being repurposed as the most versatile series of hand held demolition tools known to man.

The rivet buster when used with chisels is pound for pound the most powerful demolition tool used in industry today.

Michigan Pneumatic Tool, Inc. is the only company in the USA supplying this series of tools in 5 different sizes. Below you will see this exclusive family of tools and their specifications. Do not underestimate the power of these lightweight tools. You could compare their hard hitting, precision power with that of a professional boxer.

MP-4181-4-USA-NEP



4"

Our Lightweight Class contender is the 4" tool. Ideal for overhead work on concrete structures, parking garages, parking decks, concrete piers, tunnels and other close quarter work where you do not want the power of the hammer to radiate to the surrounding concrete and cause additional fractures.

MP-4181-6-USA-NEP



6"

Our Welterweight Class contender is the 6" tool. Ideal for cutting through concrete quickly, removing delaminated concrete or rapidly exposing rebar to quickly evaluate a situation. This hammer is light enough for overhead applications where a chipping hammer is simply not powerful enough.

MP-4181-8-USA-NEP



8"

Our Middleweight Class contender is the 8" tool. This is the staple for the industry; a standard for many rental companies, petrochemical plants, furnace brick and Gunitite contractors. It is popular with heavy equipment repair sites for removal of stubborn bolts, pins and shafts. This tool is hard hitting with a slow and methodical blow that will dislodge even the toughest rusted fastener.

MP-4181-USA-NEP



11"

Our Heavyweight Class contender is the 11" tool. Commonly used for the bigger jobs in various industrial applications such as bridge repair and maintenance, petrochemical plants and rental operations. This is the ideal tool to cut metal, shear rivets or the heads off of large bolts, split nuts and more. This tool is perfect for driving a chisel right through steel.

RBDH-4181-2435
Optional Dead Handle fits all Rivet Busters



MP-4181-14-USA-NEP



14"

Our Super Heavyweight Class contender is the 14" tool. This is hands down, the hardest hitting self-repeating rivet buster in the market today. When you need to dismantle a heavy structure or piece of equipment, be that a bridge or huge piece of mining equipment, this tool has the unmatched power and speed to get the job done quickly.

T-Handle #0448051-C
Fits all MP-4181 tools



Model No.	Capacity	Bore	Stroke	Blows Per Minute	Length	Weight	Shank Diameter	Air Inlet Thread	Avg. Air Cons.
MP-4181-4-USA-NEP	5/8" Rivets	1-3/16"	4"	1350	19"	27.4 lbs	1.5"	3/8"	22-24 cfm
MP-4181-6-USA-NEP	3/4" Rivets	1-3/16"	6"	1200	21"	29.5 lbs	1.5"	3/8"	29-32 cfm
MP-4181-8-USA-NEP	7/8" Rivets	1-3/16"	8"	1080	23"	31.25 lbs	1.5"	3/8"	32-35 cfm
MP-4181-USA-NEP	1" Rivets	1-3/16"	11"	720	26"	34.5 lbs	1.5"	3/8"	33-37 cfm
MP-4181-14-USA-NEP	1-1/4" Rivets	1-3/16"	14"	585	28-3/4"	39 lbs	1.5"	3/8"	35-39 cfm

2101	Upper Sleeve
2103	Lower Sleeve
2104	Rubber Bumper
2194	Lock Spring
2190-2.557	Retainer



RIVET BUSTERS

MP-RB41-J-NEP
MP-RB61-J-NEP



Two new additions to the MPT Rivet Buster family. Both are light weight yet powerful Busters. Designed to get into tight areas underneath bridges, parking decks, concrete drums and confined space. Ideal for driving large nails in timber construction.

Equipped with jumbo series 2101, 2103, 2104, 2194 and 2190-2.400 accessories to accept 2000 series jumbo chisels.



	4" MP-RB41-J-NEP	6" MP-RB61-J-NEP
Capacity	5/8" Rivets	3/4" Rivets
Bore	1-1/16"	1-1/16"
Stroke	4"	6"
Blows Per Minute	1650	1300
Length	18-1/4"	20-1/4"
Weight	22.6 lbs	24.45 lbs
Shank Diameter	1.5"	1.5"
Rec'd Hose Size	1/2"	1/2"
Air Inlet Thread	3/8"	3/8"
Avg. Air Cons.	21-23 cfm	25-28 cfm

MP-RB90-J-NEP
MP-RB91-J-NEP



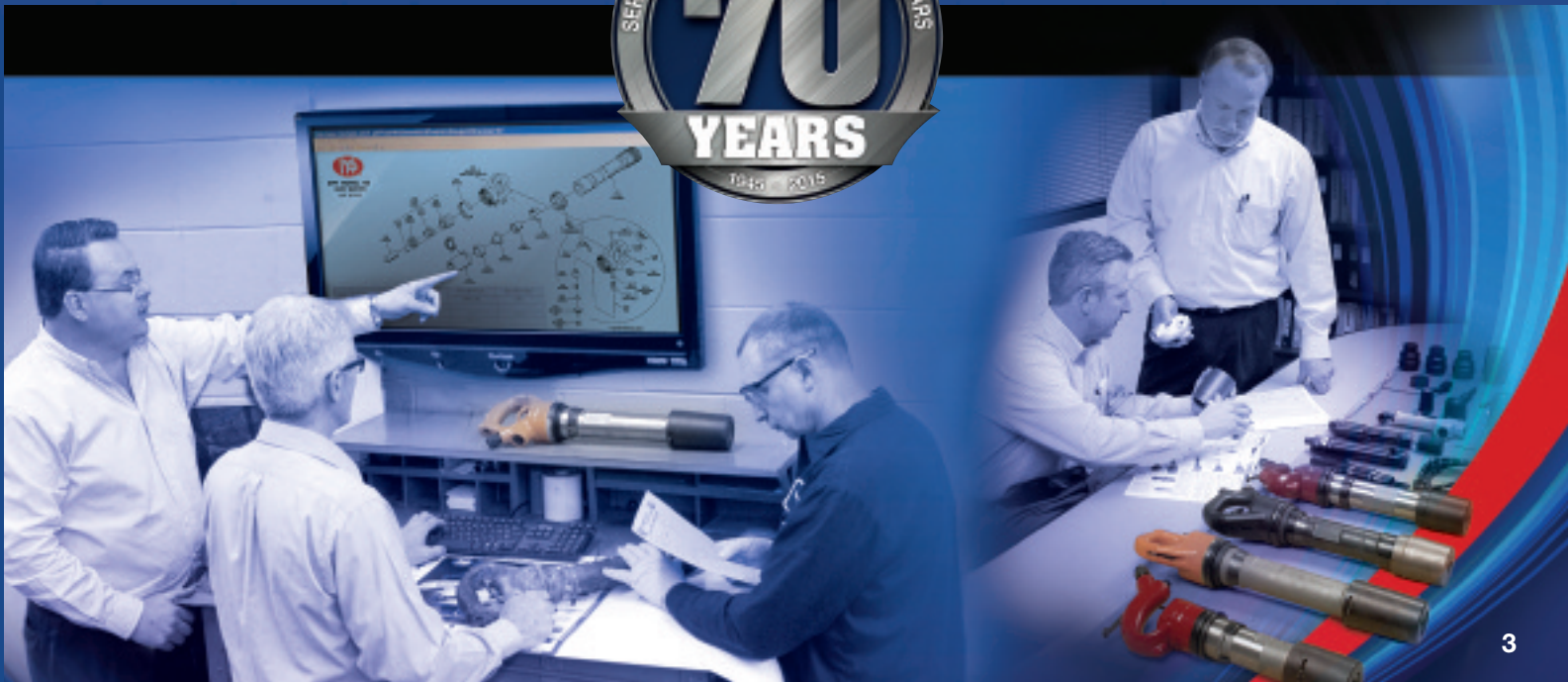
Long stroke hammers deliver a consistent powerful blow ideal for cutting, removing rivets, busting concrete, refractory, boiler tube removal as well as installing rivets (MP-RB90-J-NEP only).

Only the MP-RB91-J-NEP is equipped with jumbo series 2101, 2103, 2104, 2194 and 2190-2.400 accessories to accept 2000 series jumbo chisels. Parts interchangeable with JET A90, A91 tools.



Capacity	1-1/4" Rivets
Bore	1-1/16"
Stroke	9"
Blows Per Minute	950
Length	23-1/4"
Weight	23 lbs
Shank Diameter	1.217"
Rec'd Hose Size	1/2"
Air Inlet Thread	3/8"
Avg. Air Cons.	27-30 cfm

MP-RB90-J-NEP (Only)	
1502	Upper Sleeve
1504	Lower Sleeve
1505	Rubber Bumper
194	Lock Spring
190-2.400	Retainer





RIVET BUSTERS

MP-633-NEP



Ideal hammer for cleaning concrete truck mixing drums. Powerful enough to bust the remaining concrete out of the rotating drum, but not as likely to damage the drum. **Equipped with 2101, 2103, 2104, and 2194 accessories to accept 2000 series jumbo chisels.**



Capacity	3/4" Rivets
Bore	1-3/16"
Stroke	6"
Blows Per Minute	1100
Length	20-1/2"
Weight	27.5 lbs
Shank Diameter	1.5"
Rec'd Hose Size	1/2"
Air Inlet Thread	3/8"
Avg. Air Cons.	26-29 cfm

2101	Upper Sleeve
2103	Lower Sleeve
2104	Rubber Bumper
2194	Lock Spring
2190-2.557	Retainer

MP-133-ORANGE-NEP



The most popular tool used for Demolition! Ideal for all general breaking, cutting and removal of concrete rivets and bolts. This work horse of the rental industry delivers excellent return on investment. **Equipped with 2101, 2103, 2104 and 2194 accessories to accept 2000 series jumbo chisels. Parts interchangeable with APT-133.**



Capacity	7/8" Rivets
Bore	1-3/16"
Stroke	8"
Blows Per Minute	960
Length	22"
Weight	30 lbs
Shank Diameter	1.5"
Rec'd Hose Size	1/2"
Air Inlet Thread	3/8"
Avg. Air Cons.	31-34 cfm

2101	Upper Sleeve
2103	Lower Sleeve
2104	Rubber Bumper
2194	Lock Spring
1851	Retainer

MP-1133-ORANGE-NEP



When tough meets tougher, you need the hard hitting 11" stroke buster. Great for removal of large diameter rivets on bridges and the removal of boiler tubes from boiler plates. Smooth hammering allows the operator to control the blows per minute by feathering the throttle. **Equipped with 2101, 2103, 2104 and 2194 accessories to accept 2000 series jumbo chisels. Parts interchangeable with APT-1133.**



Capacity	1" Rivets
Bore	1-3/16"
Stroke	11"
Blows Per Minute	850
Length	25"
Weight	34 lbs
Shank Diameter	1.5"
Rec'd Hose Size	1/2"
Air Inlet Thread	3/8"
Avg. Air Cons.	37-42 cfm

2101	Upper Sleeve
2103	Lower Sleeve
2104	Rubber Bumper
2194	Lock Spring
1851	Retainer











RIVET BUSTER ACCESSORIES

Rivet Buster Chisels

Type	Length	1500 Series Heavy-Duty	2000 Series Jumbo Extra Heavy-Duty
Standard Chisel	9"	1506	2005
	12"	1506-12	2005-12
	18"	1506-18	2005-18
Moil Point	9"	1512	2011
	12"	1512-12	2011-12
	18"	1512-18	2011-18
Side Cut Chisel	9"	1507	2006
	12"	1507-12	2006-12
	18"	1507-18	2006-18
Ripper 3/8" Back Out Punch	9"	1511	2010
	9"	1515	-
1/2" Back Out Punch	9"	1516	2019
	9"	1524-4LC	-
	11" 13"	1524-6LC 1524-8LC	- -
5/8" Back Out Punch	9"	1508	2007
	9"	1520-4LC	2024-4LC
	11" 13"	1520-6LC 1520-8LC	2024-6LC 2024-8LC
3/4" Back Out Punch	9"	1509	2008BP
	9"	1521-4LC	2025-4LC
	11" 13"	1521-6LC 1521-8LC	2025-6LC 2025-8LC
7/8" Back Out Punch	9"	1510	2009
	9"	1522-4LC	2026-4LC
	11" 13"	1522-6LC 1522-8LC	2026-6LC 2026-8LC
1" Back Out Punch	9"	1517	2020
	9"	1525-4LC	2028-4LC
	11" 13"	1525-6LC 1525-8LC	2028-6LC 2028-8LC
1-1/8" Back Out Punch	9"	-	2021BP
	9"	-	2029-4LC
	11" 13"	- -	2029-6LC 2029-8LC

1500 series and 2000 series chisels and accessories

Standard Chisel	for cutting loose rivets	
Moil Point	for concrete demolition	
Side Cut Chisel	for busting heads off tight rivets	
Ripper	for all cutting operations	
Back Out Punch	for backing out tight rivets	
Long Clearance Back Out Punch	for long clearance punches	

2000 Series Side Cut Chisel



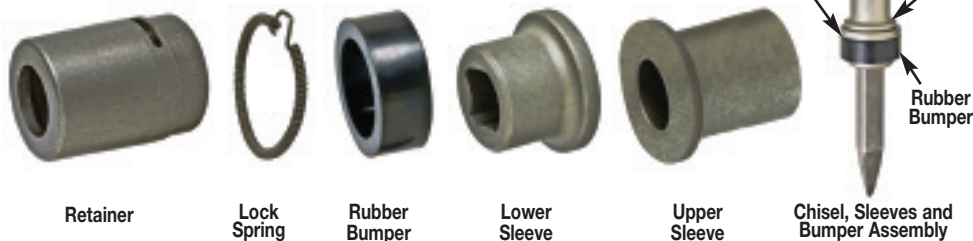
Type	Length	Model No.
Side Cut Chisel	9"	276-AC
	12"	276-12-AC

2000 Series Non-Sparking Ripper



Type	Length	Model No.
Non-Sparking Ripper	9-1/2"	295BC

Retainer Parts



Replacement Retainer Parts		
Type	1500 Series Model No.	2000 Series Model No.
Safety Retainer	190 Series	2190 Series
Lock Spring	194	2194
Upper Sleeve	1502	2101
Lower Sleeve	1504	2103
Lower Sleeve (split)	1504S	2103S
Rubber Bumper	1505	2104
Poly Bumper	1505P	2104P-Red

Rivet Buster Retainers

for other manufacturers

9001-200
(uses 9RB-207 Retainer Clip)



Model No.	Fits Tool	"B"
190-2.400	MP-RB90, Jet RB90, Toku A90	2.400"
190-2.445	CP-40, 50, 60, 80, 90 (1500 Standard Series)	2.445"
2190-2.400	MP-RB-91, Jet RB91, Toku A91, Sullar MRB-8, MRB-11	2.400"
2190-2.445	CP-40, 50, 60, 80, 90 (2000 Jumbo Series)	2.445"
2190-2.557	MP-4181, MP-633, CP-4181, CP-4608, CP-4611 Atlas Copco Tex-830, Tex-1133	2.557"
2190-2.565	Toku RB-110, IR-8001A	2.565"
1851	MP-133, MP-1133, APT-633, APT-133, APT-1133	2.610"
9001-200	IR-9001 (Threaded Retainer)	2.500"



CHIPPING HAMMERS



4-Bolt Outside Trigger

MP-CH2R ○
MP-CH2H ○

MP-CH3R ○
MP-CH3H ○

MP-CH4R ○
MP-CH4H ○



4-Bolt handle design reduces handle breakage. Ideal for rental industry. Features a plate valve which passes debris more easily. **Please specify .580 hex or .680 round shank.**

	MP-CH2R MP-CH2H	MP-CH3R MP-CH3H	MP-CH4R MP-CH4H
Bore	1-1/8"	1-1/8"	1-1/8"
Stroke	3"	3-3/4"	4-1/4"
Blows Per Minute	2300	2100	1700
Length	14"	15-1/4"	16-1/2"
Weight	17 lbs	18.5 lbs	19.5 lbs
Rec'd Hose Size	1/2"	1/2"	1/2"
Air Inlet Thread	1/2"	1/2"	1/2"
Avg. Air Consumption	28-31 cfm	31-35 cfm	29-32 cfm

1190-SUL1 Retainer
1194-2 Retainer Spring

4-Bolt Inside Trigger

MP-CH2R-ITD ○
MP-CH2H-ITD ○

MP-CH3R-ITD ○
MP-CH3H-ITD ○

MP-CH4R-ITD ○
MP-CH4H-ITD ○



Inside lever designed for greater comfort, control and safety. The 4-Bolt design reduces handle breakage. **Please specify .580 hex or .680 round shank.**

	MP-CH2R-ITD MP-CH2H-ITD	MP-CH3R-ITD MP-CH3H-ITD	MP-CH4R-ITD MP-CH4H-ITD
Bore	1-1/8"	1-1/8"	1-1/8"
Stroke	3"	3-3/4"	4-1/4"
Blows Per Minute	2300	2100	1700
Length	14-5/8"	16-1/2"	17-1/2"
Weight	17.2 lbs	18.7 lbs	19.4 lbs
Rec'd Hose Size	1/2"	1/2"	1/2"
Air Inlet Thread	3/8"	3/8"	3/8"
Avg. Air Consumption	28-31 cfm	31-35 cfm	29-32 cfm

1190-SUL1 Retainer
1194-2 Retainer Spring



CHIPPING HAMMERS



IR Style Gooseneck Chipper

MP-2AR-IR ○
MP-2AH-IR ◻



MADE U.S.A. IN THE

Features outside trigger and gooseneck handle for improved versatility in construction and industrial applications. Ideal for light demolition work, bridge decking, preparing concrete surfaces, stripping and removing metal, and many other applications. **Parts interchangeable with Ingersoll Rand 2A, 3A and 4A series chipping hammers. Please specify .580 hex or .680 round shank.**

MP-3AR-IR ○
MP-3AH-IR ◻



MADE U.S.A. IN THE

MP-4AR-IR ○
MP-4AH-IR ◻



MADE U.S.A. IN THE

Model No.	Bore	Stroke	Blows Per Minute	Length	Weight	Shank Diameter	Air Inlet Thread	Avg. Air Cons.
MP-2AR-IR	1-1/8"	2"	2300	16"	15 lbs	Specify .580 hex or .680 round	3/8"	17-19 cfm
MP-2AH-IR	1-1/8"	2"	2300	16"	15 lbs		3/8"	17-19 cfm
MP-3AR-IR	1-1/8"	3"	1725	17-1/2"	16.5 lbs		3/8"	19-21 cfm
MP-3AH-IR	1-1/8"	3"	1725	17-1/2"	16.5 lbs		3/8"	19-21 cfm
MP-4AR-IR	1-1/8"	4"	1480	18-7/8"	17.5 lbs		3/8"	21-24 cfm
MP-4AH-IR	1-1/8"	4"	1480	18-7/8"	17.5 lbs		3/8"	21-24 cfm

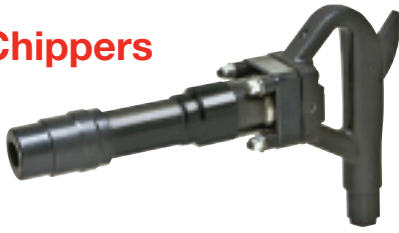
1190-IRC1 Retainer
1194-2 Retainer Spring



CHIPPING HAMMERS

Miniature Chippers

M4BLT-R ○
M4BLT-H ○



Inside Trigger
M4BLT-H-ITD

This tool was designed to bring the reliability factor of the handle to a new level for foundries. The 4-Bolt design reduces handle breakage. Both inside and outside lever designs provide operator comfort. The unique two-step piston provides a large mass piston in a smaller, narrower tool. The MPT Mini 4-Bolt hits harder than any other 10 lb. chipping hammer on the market today. **Please specify .580 hex or .680 round shank.**

Bore	1.1"
Stroke	2.6"
Blows Per Minute	2750
Length	14-1/4"
Weight	10.5 lbs
Rec'd Hose Size	1/2"
Air Inlet Thread	3/8"
Avg. Air Cons.	19-22 cfm
1190-1.655	Retainer
1194-2	Retainer Spring

MP-4113R ○
MP-4113H ○



Compact, lightweight chipping hammer designed to use standard .580 hex or .680 round chipping hammer chisels. Ideal for applications where you need to ensure the underlying surface is not damaged. **Please specify .580 hex or .680 round shank.**

Bore	0.88"
Stroke	1.8"
Blows Per Minute	3200
Length w/Retainer	12-3/4"
Weight w/Retainer	7.9 lbs
Rec'd Hose Size	1/2"
Air Inlet Thread	3/8"
Avg. Air Cons.	13-14 cfm
1190-1.655	Retainer
1194-2	Retainer Spring

MP-K2LR-RET ○
MP-K2LH-RET ○



The smallest forged handle chipping hammer in the market. Butterfly valve ensures instant start up when lever is depressed. **Parts interchangeable with Ingersoll-Rand K2L series. Please specify .580 hex or .680 round shank.**

Bore	0.875"
Stroke	1.75"
Blows Per Minute	3600
Length	12"
Weight	8 lbs
Rec'd Hose Size	1/2"
Air Inlet Thread	1/4"
Avg. Air Cons.	14-15 cfm
1190-1.655	Retainer
1194-2	Retainer Spring

MP-K2LR-D ○
MP-K2LH-D ○



Cast "D" handle provides longer life for a mini-chipper. Ideal for tough rental applications. Comes with 3/8" reducer bushing to convert from 7/8" x 24 threads. This tool will accept whip hoses with (L-1) 7/8" x 24 thread swivels or (L-5) 3/8" NPT threaded swivels. **Please specify .580 hex or .680 round shank.**

Bore	0.875"
Stroke	1.75"
Blows Per Minute	3600
Length	12"
Weight	9.3 lbs
Rec'd Hose Size	1/2"
Air Inlet Thread	3/8"
Avg. Air Cons.	14-15 cfm
1190-1.655	Retainer
1194-2	Retainer Spring

Heavy-Duty

C30C-R ○
C30C-H ○



1190-IRC1 Retainer
1194-2 Retainer Spring

Featuring a unique pass-through valve for longer piston travel and smooth hard hitting performance. The C30C chipping hammer has the best power to weight ratio in the industry. The piston and cylinder are heat treated ensuring longer tool life, while reducing overall cost of operation. **Please specify .580 hex or .680 round shank.**

Model No.	Bore	Stroke	Blows Per Minute	Length	Weight	Shank Diameter	Rec'd Hose Size	Air Inlet	Avg. Air Cons.
C30C	1-1/8"	3"	2200	16-1/2"	13.25 lbs	Specify .580 hex or .680 round	1/2"	3/8"	24-27 cfm

W-Style

MP-W3-R ○
MP-W3-H ○
(Sold with retainer)



When conventional tapered style retainer chippers fail prematurely, the ACME thread style chipping hammers are put into service. The heavy-duty retainer mechanism has two sets of steel sleeves and a rubber bumper to disperse and absorb the chisel blows. **Parts interchangeable with Ingersoll Rand W-Series with threaded retainer. Please specify .580 hex or .680 round shank.**

Model No.	Bore	Stroke	Blows Per Minute	Length	Weight	Shank Diameter	Rec'd Hose Size	Air Inlet	Avg. Air Cons.
MP-W2R MP-W2H	1-1/8"	2"	2300	16-3/8"	15.50 lbs	Specify .580 hex or .680 round	1/2"	3/8"	17-18 cfm
MP-W3R MP-W3H	1-1/8"	3"	1725	18-1/4"	16.60 lbs	.680 round	1/2"	3/8"	19-21 cfm

Chipping Hammer Retainer & Parts





CHIPPING HAMMERS

MP-1100R ○
MP-1100H ○

MP-2200R ○
MP-2200H ○

MP-3300R ○
MP-3300H ○

MP-4400R ○
MP-4400H ○



1190-MPT1 Retainer
1194-2 Retainer Spring

MP-1100 - MP-2200 Lightweight, durable, medium-duty tools. Ideal for shipyards, foundries and contractors.

MP-3300 Ideal for medium to heavy-duty chipping jobs. Heat treated pistons and barrels resist wear and add longevity.

MP-4400 Features a cast handle for long life and operator comfort. Designed for heavy-duty jobs where power and reliability are a must.

Parts are interchangeable with Chicago Pneumatic 9362, 3 and 4 series chippers. Please specify .580 hex or .680 round shank.

	MP-1100R MP-1100H	MP-2200R MP-2200H	MP-3300R MP-3300H	MP-4400R MP-4400H
Blows Per Minute	2800	2150	1900	1500
Stroke	1"	2"	3"	4"
Bore	1-1/8"	1-1/8"	1-1/8"	1-1/8"
Length w/Retainer	13-1/2"	15-1/2"	16-1/4"	18-1/4"
Weight w/Retainer	14.75 lbs	15.75 lbs	16.40 lbs	17.70 lbs
Air Inlet Thread	3/8"	3/8"	3/8"	3/8"
Avg. Air Cons.	10-11 cfm	15-17 cfm	21-23 cfm	22-24 cfm

MP-100CR-RET ○
MP-100CH-RET ○

MP-200CR-RET ○
MP-200CH-RET ○

MP-300CR-RET ○
MP-300CH-RET ○

MP-400CR-RET ○
MP-400CH-RET ○



1190-MPT1 Retainer
1194-2 Retainer Spring

MP-100C Powerful, lightweight tools for chipping, beading, cleaning and cutting. Designed for rugged use in any application.

MP-200C Excellent for chipping, scaling and cleaning. Easy to hold but powerful for its size. Simplate valve design provides excellent controllability.

MP-300C Rugged design for medium to extra heavy-duty chipping.

MP-400C Streamlined design for rugged use in foundries and construction applications.

Parts are interchangeable with Chicago Pneumatic Simplate chippers. Please specify .580 hex or .680 round shank.

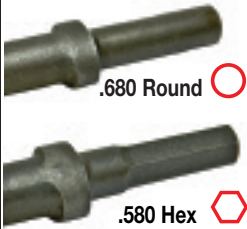
	MP-100CR-RET MP-100CH-RET	MP-200CR-RET MP-200CH-RET	MP-300CR-RET MP-300CH-RET	MP-400CR-RET MP-400CH-RET
Blows Per Minute	2800	2200	1700	1450
Stroke	1"	2"	3"	4"
Bore	1-1/8"	1-1/8"	1-1/8"	1-1/8"
Length w/Retainer	13-3/4"	14-1/2"	16-1/2"	17-3/4"
Weight w/Retainer	14.00 lbs	14.90 lbs	17.10 lbs	18.00 lbs
Air Inlet Thread	3/8"	3/8"	3/8"	3/8"
Avg. Air Cons.	10-11 cfm	16-18 cfm	18-20 cfm	21-23 cfm





CHIPPING HAMMER ACCESSORIES

Oval Collar Shank Style



Our Chisels are manufactured from the finest alloys available. Designed for use with retainer type chipping hammers. Each chisel is hardened and tempered throughout to provide maximum strength and resistance to fatigue, then carefully inspected to meet rigid industry quality standards.

Longer lengths up to 144" are available. Round collar shank style chisels are also available. Please specify part number when ordering.

1190 Series Solid Type Chisel Retainers

For use where frequent change of chisels is not required. Retainer must be removed from hammer barrel to change chisels. To remove retainer from hammer barrel, pull 1194 series lock spring entirely out of slot in retainer and slide retainer off barrel.



Available to fit the following brands and models:

Michigan Pneumatic

Tool Model No.	Part Number
MP-100, 200, 300, 400 series	1190-MPT1
MP-1100, 2200, 3300, 4400 series	1190-MPT1
MP-C30C	1190-MPT1
MP-CH2, CH3, CH4 series	1190-SUL1
MP-K2L & K2L-D series	1190-1.655
MP-M4BLT, MP-4113	1190-1.655
MP-2A, 3A, 4A	1190-IRC1

Chicago Pneumatic

Tool Model No.	Part Number
CP-1-RV thru CP-4-RV Series	1190-CPT2
CP-1, 2, 3, 4	1190-CPT1
CP-9362, 9363, 9364	
CP-4123, 4125	
CP-4129, 4132	
CP-4113	1190-1.692

Ingersoll-Rand

Tool Model No.	Part Number
IR-K2L	1190-1.655
IR-1, 2, 2A, 3, 4	1190-IRC1
IR-100, 200, 300, 400	
IR-2DA, 3DA, 4DA	
IR-W1, W2, W3, W4 series	HHW1-300

Deluxe Ball Type Chisel Retainer

Designed for rapid change of chisels without removing retainer from barrel. Chisel is quickly changed by pulling back sleeve to unlock chisel in retainer. Releasing sleeve back to normal position locks chisel in retainer. Takes both oval collar and round collar chisels in any width blades.



1291-1 Sleeve	1291-MPT2 (CP)
1291-2 Spring	1291-IRC2 (IR)
1291-3 Balls (set of 6)	1291-SUL2 (Sullair)
1291-4 Retainer Clip	1291-1.942 (APT)
1194-2 Spring Retainer	

OSHA regulations specify that retainers shall be used to prevent accidental expulsion of chisels.

Blade Style			Oval Collar Retainer Type					
			9"	12"	18"	24"	36"	48"
Blank		Round	301	301-12	301-18	301-24	301-36	301-48
		Hex	302	302-12	302-18	302-24	302-36	302-48
3/4" Flat Chisel		Round	303	303-12	303-18	303-24	303-36	303-48
		Hex	304	304-12	304-18	304-24	304-36	304-48
Moil Point		Round	313MP	315	315-18	315-24	315-36	315-48
		Hex	314MP	316	316-18	316-24	316-36	316-48
2" Wide Scaling Chisel		Round	323WC	323-12	323-18	323-24	323-36	323-48
		Hex	324	324-12	324-18	324-24	324-36	324-48
2-1/2" Non-Sparking Chisel		Round	323-BC	-	-	-	-	-
		Hex	-	-	-	-	-	-
3" Wide Scaling Chisel		Round	323-3	323-12-3	-	-	-	-
		Hex	324-3	324-12-3	-	-	-	-
5" Wide Scaling Chisel		Round	FO3805	-	-	-	-	-
		Hex	GO3805	-	-	-	-	-
Bushing Tool		Round	50100	-	-	-	-	-
		Hex	50200BT	-	-	-	-	-

AIR MOVING ACCESSORIES

HiVis Air Movers

HiVis venturi style air movers are used in many industrial and construction sites where there is a need to disperse hazardous fumes, move air into a confined space, cool individuals in elevated temperature conditions, or ventilate equipment and machinery with a blast of directed air. Common applications include shipyards, refineries, chemical plants, paper mills and manhole ventilation.

- No moving parts
- Minimal required maintenance
- Can be used as a blower or for exhaust
- Safe in hazardous areas
- Performance tested
- Lightweight and portable



Model	Overall Length	Base Diameter	Top of Horn Diameter	Bolt Circle Diameter	Base Slot Diameter	Weight	Air Inlet Thread
HV-3AMS	16-3/4"	7.31"	6.00"	6.56"	0.4"	5.8 lbs	1/2"
HV-3AM	30-1/2"	7.31"	7.00"	6.56"	0.4"	8.5 lbs	1/2"
HV-6AM	44-1/4"	11.25"	12.50"	10.50"	0.4"	20.9 lbs	1"
HV-8AM	46"	14.37"	14.25"	13.62"	0.5"	38.0 lbs	1"
HV-10AM	48"	17.00"	15.75"	15.50"	1.0"	40.8 lbs	1"

*Ground wires with clamp included

Inlet Pressure - Total Air Flow

Model	40 psig	60 psig	80 psig
HV-3AMS	815 cfm	981 cfm	1182 cfm
HV-3AM	1017 cfm	1231 cfm	1462 cfm
HV-6AM	2385 cfm	2885 cfm	3347 cfm
HV-8AM	3152 cfm	4152 cfm	4929 cfm
HV-10AM	4898 cfm	6182 cfm	7304 cfm

Inlet Pressure - Air Consumption

Model	40 psig	60 psig	80 psig
HV-3AMS	36 scfm	50 scfm	62 scfm
HV-3AM	35 scfm	45 scfm	62 scfm
HV-6AM	73 scfm	98 scfm	124 scfm
HV-8AM	114 scfm	152 scfm	193 scfm
HV-10AM	154 scfm	209 scfm	274 scfm

AIR MOVING ACCESSORIES

HV-Twin-PAK

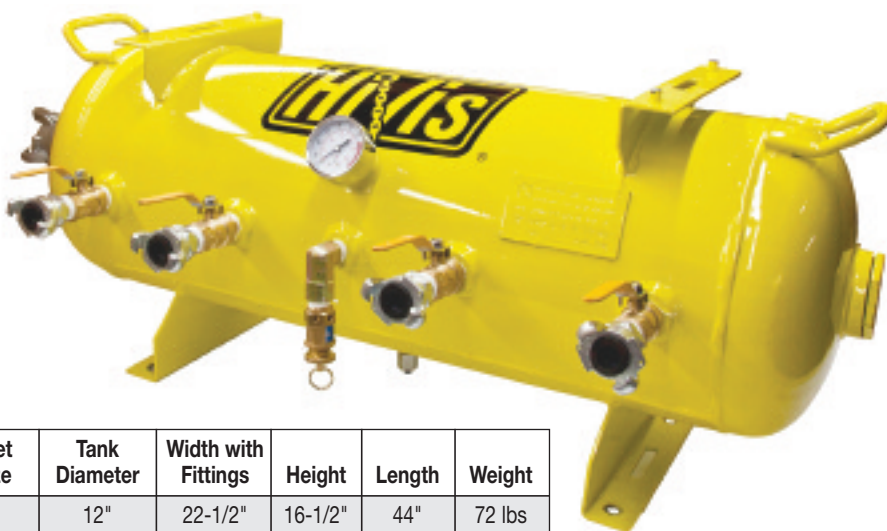
Our HiVis Twin-PAK allows two operators to run tools simultaneously from one air supply. Portable, stackable and compact, it is designed to deliver clean, dry, lubricated air. 100% of visible moisture is removed and automatically purged by the integral S7F water filter which is virtually maintenance free. The integrated 1LF filter/lubricator combo filters air down to 40 microns, and the oiler has a 3.7oz capacity for extended use. As a bonus feature, an overflow safety valve will shut air off to both tools in the event of a connector breaking or hose being severed.



Height	Weight	Depth	Weight
15"	29"	10"	32 lbs

HV-15G-8P

Eliminate the clutter and run just one hose to your worksite, and then connect up to eight pneumatic tools at once. Equipped with a gauge to monitor working pressure and a 200 psi pressure release valve to prevent excess pressure build up. Top and bottom brackets allow for easy stacking or mounting to skids or other surfaces. Connect or stack multiple manifolds to handle the busiest worksites.



Number of 3/4" Outlets	Capacity	Working Pressure	Test Pressure	Inlet Size	Tank Diameter	Width with Fittings	Height	Length	Weight
8	15 gal	200 psi	300 psi	2"	12"	22-1/2"	16-1/2"	44"	72 lbs

HV-6-PAK

Used in any industry with a need for multiple air outlets to supply various pneumatic tools simultaneously. The 1-1/2" inlet can be dispersed through up to six separate outlets using CP couplings. Each has a manual shut-off valve and moisture separator with auto drain valve, increasing tool life. Rugged steel tubular design with tabs, can be rolled to the jobsite and allows unit to be lifted and stacked.



Diameter	Height	Weight	Inlet Size
36"	18"	175 lbs	1-1/2"

AIR HOSE ACCESSORIES

Portable Air Line Lubricators

Designed to supply oil to air tools where it is not practical to use stationary lubricators. Can be installed as far away as 25 feet. Oil flows into the line each time the tool is started. Easy and inexpensive way to keep air tools operating at peak efficiency. Features adjustable oil flow, visible oil supply and rugged casting for use in severe conditions.



0-R

Shown with optional pressure release cap

#MP-02000PR Pressure Relief Cap #MPLRK Repair Kit

Model No.	Oil Capacity	Pipe Size	Rec'd Air Flow @90PSI	Max. PSI	Length	Height	Weight
0-R	1.4 oz	1/2"	30 cfm	500	4-1/2"	2-1/4"	0.88 lbs
1-R	3.7 oz	3/4"	70 cfm	260	6"	2-3/4"	1.50 lbs
2-R	11.0 oz	3/4"	70 cfm	300	7"	3-1/2"	2.00 lbs
2A-R	11.0 oz	1"	70 cfm	300	7"	3-1/2"	2.00 lbs
3-R	16.0 oz	1"	150 cfm	250	10"	3-3/4"	4.25 lbs

In-line Lubricator w/ Integrated Filter



1L-F

Safety Lock Cables

Helps prevent injury due to broken hose connections. Spring-powered loops provide a firm grip on the hose. **Bleed air pressure from hose before removing safety lock cable.**



SLC1

Model No.	Oil Capacity	Pipe Size	Rec'd Air Flow @90PSI	Max. PSI	Height
0L-F	1.4 oz	1/2"	30 cfm	500	2-1/4"
1L-F	3.7 oz	3/4"	70 cfm	260	2-3/4"

Model No.	Cable Description (Diameter x Length)	Fits Hose OD
SLC1	1/8" x 20"	1/2" to 1-1/4"
SLC2	1/4" x 38"	1-1/2" to 3"

Lubricator Whip Hose Assemblies



MP-3HW-HDS



MP-4HW-HDS



MP-WH755-2R

Model No.	Assembly Components		
	Fitting to Tool	Hose	Lubricator
MP-1HW-HDS	1/4" MPT	1/2" ID x 6 ft	0-R
MP-2HW-HDS	3/8" MPT		
MP-3HW-HDS	1/2" MPT		
MP-4HW-HDS	L-1-E Swivel (7/8"-24 thread)	3/4" ID x 5 ft	2-R
MP-4HW-0.500-HDS	L-3-E Swivel (1/2" MPT)		
MP-WH-755-2R	3/4" Universal Coupling		

Hydraulic Whip Hose Assemblies



3HW-HYD



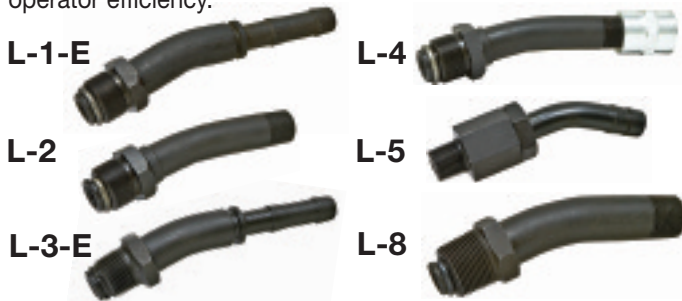
3HW-HYD-F

Model No.	Assembly Components			
	Fitting to Tool	Hose	Lubricator	Filter
2HW-HYD	3/8" MPT	1/2" ID x 6 ft	0-R w/CP Fitting	-
3HW-HYD	1/2" MPT			
3HW-HYD-F	1/2" MPT			9074M

AIR HOSE ACCESSORIES

Air Inlet Hose Swivels

For use on all chipping hammers and rivet busters. Designed to eliminate hose kinking or twisting for greater operator efficiency.



Model No.	Fitting to Tool	Hose Connection	Note
L-1-E		1/2" hose barb	Swivel Only
L-2	7/8"-24 thread	3/8" MPT	
L-4		3/8" FPT	
L-5	3/8" MPT	1/2" hose barb	
L-3-E	1/2" MPT	1/2" hose barb	Swivel with 1/2" x 10 ft whip hose and CP fitting
L-8	3/4" MPT	1/2" MPT	
L-1-WHIP	7/8"-24 thread	1/2" hose barb	
L-5-WHIP	3/8" MPT	1/2" hose barb	
L-3-WHIP	1/2" MPT	1/2" MPT	

Industrial Grade Air Hose - with Fittings

- Maximum pressure 200 to 250 psi
- Heavy-duty double strand
- High tensile rayon cord
- Tough neoprene
- Oil resistant



Model No.	Hose ID	Hose OD	Length	Max. PSI	Fittings
AH-1	1/4"	1/2"	25 ft	200 psi	1/4" MPT
AH-2	1/4"	1/2"	50 ft		
AH-3	3/8"	11/16"	25 ft		
AH-4	3/8"	11/16"	50 ft		
AH-44	1/2"	1-3/16"	25 ft	250 psi	1/2" MPT
AH-45	1/2"	1-3/16"	50 ft		1/2" MPT
AH-5	3/4"	1-5/32"	50 ft		Chicago Fittings
AH-6	1"	1-7/16"	50 ft		Chicago Fittings

*Other sizes also available. All air hoses are industrial grade construction.

Male Thread Couplings

Model No.	Male Thread
UM-25-M	1/4"
UM-37-M	3/8"
UM-50-M	1/2"
UM-75-M	3/4"
UM-100-M	1"



Female Thread Couplings

Model No.	Female Thread
UF-25-M	1/4"
UF-37-M	3/8"
UF-50-M	1/2"
UF-75-M	3/4"
UF-100-M	1"



Hose Barb Couplings

Model No.	Hose I.D.
UH-37-M	3/8"
UH-50-M	1/2"
UH-62-M	5/8"
UH-75-M	3/4"
UH-100-M	1"



Coupling Accessories



AC1

Safety Lock Clip



AWR-4

Rubber Gasket



UD-301-M

Blank End Coupling



UW-300-M

Universal 3-Way Coupling

Hose Clamps



Model No.	Hose I.D.	Fits Hose O.D.
CD	3/8"	11/16" to 7/8"
B5	1/2"	1-1/16" to 1-3/16"
BU9	3/4"	1-3/16" to 1-5/16"
A-10	7/8"	1-5/16" to 1-1/2"
B14	1"	1-21/32" to 1-15/16"

Winter Grade Oil - with De-Icing Additive

Designed for extreme weather conditions down to -45° F. Eliminates freezing while lubricating tools. Can be used in conventional air line lubricators or applied directly into the tools air inlet. Convenient flip up pour top (4 oz. and pint bottles only)

#ATL004W 4 Ounce #ATL016W 1 Pint #ATL128W 1 Gallon

Air Tool Oil

A specially formulated high grade lubricating oil for all piston and rotary-type air tools. Lubricates and rust proofs for longer tool life.

#OIL-080 4 Ounce

#OIL-085 1 Quart



Double Bolt Hose Clamps



Model No.	Hose I.D.	Fits Hose O.D.
SL29	1/2"	7/8" to 1-1/8"
J48	3/4"	1-1/8" to 1-3/16"
JX49	1"	1-7/16" to 1-17/32"
DL14	1-1/4"	1-5/8" to 1-13/16"
DL20	1-1/2"	1-3/4" to 2-3/64"



MICHIGAN PNEUMATIC TOOL

Industrial Air Tools

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