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Michigan Pneumatic PDF Section 1

Table of Contents

Index	Page
Reversible Auto-Impacts & Ratchets	2 - 4
General Line Impact Wrenches	5 - 6
Industrial Impact Wrenches	7
General Line & Industrial Impact Wrenches	8 - 11
Heavy-Duty Impact Wrenches	12 - 14
Pulsus Tools	15 - 19
One Shot & Specialty Hammers	20
Pin Riveter & Automotive Air Hammers	21
Pick & 4-Bolt Chipping Hammers	22
Retainer Type Chipping Hammers	23
Industrial Chipping Hammers	24
Chipping Hammer Chisels	25
Chipping Hammer Accessories	26
Chipping Hammers	27
Bench Type Sand Rammers	28 - 29
Floor Type Tampers	30 - 31
Bench Rammer Accessories	32

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Reversible Auto-Impacts & Ratchets



MP-2760C-ST



MP-728-ST



MP-1625-ST

Features a ball-type anvil. Versatility that combines speed with power. Uses include small engine repairs, water pumps, radiators and air conditioning units. Ideal for use in limited work areas. SH-0719RA 1/4" ratchet head assembly available for Model MP-2760C-ST. SH-30RA 3/8" ratchet head assembly available for MP-728-ST. SH-735RA 1/2" ratchet head assembly available for Model MP-1625-ST.

Model No.	Square Drive	Free Speed	Ultimate Torque	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
MP-2760C-ST	1/4"	240 rpm	18 ft.-lbs.	6-1/4"	1.0 lb.	1/4"	1/4"	3.0 cfm
MP-728-ST	3/8"	150 rpm	50 ft.-lbs.	10"	2.5 lbs.	3/8"	1/4"	4.0 cfm
MP-1625-ST	1/2"	150 rpm	90 ft.-lbs.	15"	4.5 lbs.	3/8"	1/4"	5.0 cfm



Michigan Pneumatic Model MP-2402P-DD

Power Ratchet - 1/2" Square Drive

Features a ball-type anvil. A true 1/2" ratchet for heavy duty applications. The length of the tool allows for increased leverage on high torque bolts. Ideal for use in limited work areas.



Square Drive	1/2"	Length	10-11/16"
Free Speed	160 rpm	Weight	3.0 lbs.
Ultimate Torque	95 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	5.0 cfm



Michigan Pneumatic Model MP-720-ST

Straight Impact - 3/8" Square Drive

Features a friction ring anvil. This compact impact is easily maneuverable for hard to reach places, rugged and lightweight. The aluminum housing is protected by rubber guards. Equipped with swivel air inlet and built-in regulator. Butterfly trigger for better speed control.



Square Drive	3/8"	Length	5-1/2"
Free Speed	10000 rpm	Weight	2.25 lbs.
Ultimate Torque	75 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	3.0 cfm

Ingersoll-Rand Model IR-5000A

Pistol Impact - 1/4" Square Drive

Features a pin-type anvil. Designed for the removal of small nuts and bolts, assembly line work or for use in restricted quarters. Model MP-5000A-IR with screwdriver attachment available.



Square Drive	1/4"	Length	7-7/8"
Free Speed	1400 rpm	Weight	2.125 lbs.
Ultimate Torque	20-40 in.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	6.0 cfm

MP-5000A-IR

See pages 22-25 for impact accessories.

Reversible Auto-Impacts



Michigan Pneumatic Model MP-7125

Angle Impact - 3/8" Square Drive

Features a friction ring anvil. This popular "Angle" 3/8" drive wrench features a rocking dog impact mechanism, built-in power regulator and an instant forward and reverse throttle for speed control. New streamlined design with motor behind clutch mechanism for easy handling.

Square Drive	3/8"	Length	4-1/2"
Free Speed	8000 rpm	Weight	2.5 lbs.
Ultimate Torque	80 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	2.5 cfm



Michigan Pneumatic Model MP-135-ST

Angle Impact - 3/8" Square Drive

Features a friction ring anvil. Features a built-in regulator for positive speed and torque control and single-handed thru bolt action reverse operation. A ring socket retainer allows for rapid socket changes.

Square Drive	3/8"	Length	5"
Free Speed	10000 rpm	Weight	2.625 lbs.
Ultimate Torque	75 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	3.0 cfm



Nippon Pneumatic Model SW-12

Angle Impact - 3/8" Square Drive

Features a friction ring anvil. Used mostly in repair shops and garages. Features include lightweight, low air consumption and exceptionally powerful impacting per blow. Also features a built-in power regulator for easy adjustment.

Square Drive	3/8"	Length	4-7/8"
Free Speed	8000 rpm	Weight	2.8 lbs.
Ultimate Torque	165 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	1/4"	Avg. Air Consumption	3.5 cfm



Michigan Pneumatic Model MP-SWH-13

Angle Impact - 1/2" Square Drive

Features a pin-type anvil. Close quarter industrial angle wrench is fully reversible and perfectly balanced for easy maneuverability. Built-in power regulator matches speed and power to each job. Uses brass end plates for longer wear.

Square Drive	1/2"	Length	7-7/8"
Free Speed	5800 rpm	Weight	5.3 lbs.
Ultimate Torque	225 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	4.0 cfm



Michigan Pneumatic Model MP-121T-ST

Pistol Impact - 1/2" Square Drive

Features a friction ring anvil. Medium duty air wrench has a durable, one-piece balanced housing for comfortable use. Equipped with a single hammer rocking dog clutch mechanism. Has a built-in power regulator for adjustable torque output. Ideal for automobile repair work.

Square Drive	1/2"	Length	6-1/4"
Free Speed	7000 rpm	Weight	5.25 lbs.
Ultimate Torque	250 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	4.0 cfm

See pages 22-25 for impact accessories.

General Line Impact Wrenches



Michigan Pneumatic Model MP-1700

Pistol Impact - 1/2" Square Drive

Features a friction ring anvil. Twin Hammer clutch mechanism provides good durability and performance. Excellent weight and balance to reduce operator fatigue. High output motor provides high torque levels for removing nuts. Model MP-1700P2 with a 2" extended anvil available. Model MP-1700PA with pin type anvil available.

Square Drive.....	1/2"	Length.....	7"
Free Speed.....	6500 rpm	Weight.....	5.3 lbs.
Torque Range.....	37-370 ft.-lbs.	Air Inlet Thread.....	1/4"
Rec'd Hose Size.....	1/4"	Avg. Air Consumption.....	23.8 cfm



Michigan Pneumatic Model MP-3344

Pistol Impact - 1/2" Square Drive

Features a pin-type anvil. Designed for heavy production assembly. Short length for close quarter nutrunning. Uses brass end plates for longer wear. Model MP-3344P2 with a 2" extended anvil available. Industrial model.

Square Drive.....	1/2"	Length.....	7-1/4"
Free Speed.....	7000 rpm	Weight.....	6.6 lbs.
Torque Range.....	100-331 ft.-lbs.	Air Inlet Thread.....	1/4"
Rec'd Hose Size.....	3/8"	Avg. Air Consumption.....	5.3 cfm



Michigan Pneumatic Model MP-2006-ST

Pistol Impact - 3/4" Square Drive

Features a friction ring anvil. Twin hammer design built for power and durability. Well-balanced, comfortable grip handle and low noise combine to reduce operator fatigue. Features a three position power regulator built-in.

Square Drive.....	3/4"	Length.....	8-1/2"
Free Speed.....	5500 rpm	Weight.....	11.2 lbs.
Torque Range.....	150-950 ft.-lbs.	Air Inlet Thread.....	3/8"
Rec'd Hose Size.....	1/2"	Avg. Air Consumption.....	60 cfm



Michigan Pneumatic Model MP-1100-A2

Pistol Impact - 3/4" Square Drive

Features a friction ring anvil. Compact, lightweight wrench has an adjustable power regulator for stabilized torque. 2" extended anvil is standard. Good for medium-duty tire repair and heavy-duty automotive repair.

Square Drive.....	3/4"	Length.....	12"
Free Speed.....	5000 rpm	Weight.....	9.4 lbs.
Torque Range.....	125-525 ft.-lbs.	Air Inlet Thread.....	1/4"
Rec'd Hose Size.....	3/8"	Avg. Air Consumption.....	7.0 cfm



Chicago Pneumatic Model CP-797-6

Impact Wrench - 1" Square Drive

Features a friction ring anvil. The 1" workhorse for dependable, reliable service. A truck and trailer tire industry icon.

Square Drive.....	1"	Length.....	22-1/4"
Free Speed.....	5100 rpm	Weight.....	29.75 lbs.
Working Torque.....	150-900 ft.-lbs.	Air Inlet Thread.....	1/2"
Rec'd Hose Size.....	1/2"	Avg. Air Consumption.....	12.0 cfm

See pages 22-25 for impact accessories.

General Line Impact Wrenches



Michigan Pneumatic Model MP-1241P-ST

Pistol Impact - 3/8" Square Drive

Features a friction ring anvil. Lightweight, composite motor housing for use in repair shops and garages. Features twin hammer mechanism for power. One hand push button forward-reverse and built-in power regulator.

Square Drive	3/8"	Length	6"
Free Speed	10000 rpm	Weight	2.6 lbs.
Working Torque	25-200 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	4.0 cfm



Michigan Pneumatic Model MP-1243P-ST

Pistol Impact - 1/2" Square Drive

Features a friction ring anvil. Twin hammer mechanism for power and durability. Features one hand push button forward-reverse and built-in power regulator.

Square Drive	1/2"	Length	6"
Free Speed	11000 rpm	Weight	2.6 lbs.
Working Torque	25-250 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	4.0 cfm



Michigan Pneumatic Model MP-3143P1-ST

Pistol Impact - 1/2" Square Drive

Features a friction ring anvil. Ergonomic handle features a thumb operated three position forward and full power reverse lever. Twin hammer mechanism for power.

Square Drive	1/2"	Length	8"
Free Speed	6000 rpm	Weight	4.85 lbs.
Working Torque	50-460 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	1/2"	Avg. Air Consumption	4.4 cfm



Ingersoll-Rand Model IR-2112

Pistol Impact - 3/8" Square Drive

Features a friction ring anvil. A new addition to the IR line. Ergonomic, lightweight and very high torque.

Square Drive	3/8"	Length	6"
Free Speed	10000 rpm	Weight	2.89 lbs.
Working Torque	20-150 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	2.5 cfm



Ingersoll-Rand Model IR-2131A

Pistol Impact - 1/2" Square Drive

Features a friction ring anvil. Lightweight, ergonomic impact with push button control features extremely high torque in forward and reverse.

Square Drive	1/2"	Length	7"
Free Speed	9500 rpm	Weight	4.5 lbs.
Working Torque	50-400 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	4.8 cfm

See pages 22-25 for impact accessories.

General Line Impact Wrenches



Ingersoll-Rand Model IR-212

Pistol Impact - 3/8" Square Drive

Features a friction ring anvil. Lightweight, high-torque impact wrench, perfect for repair shops and garages — a mechanic's true best friend.

Square Drive	3/8"	Length	6"
Free Speed	10000 rpm	Weight	2.89 lbs.
Working Torque	20-150 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	2.5 cfm



Ingersoll-Rand Model IR-231C

Pistol Impact - 1/2" Square Drive

Features a friction ring anvil. Double hammer impact mechanism offers long, dependable service.

Square Drive	1/2"	Length	7-1/4"
Free Speed	8000 rpm	Weight	5.8 lbs.
Working Torque	25-300 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	4.2 cfm



Chicago Pneumatic Model CP-734H

Pistol Impact - 1/2" Square Drive

Features a friction ring anvil. Dependable, serviceable tool with high torque.

Square Drive	1/2"	Length	7-3/8"
Free Speed	9000 rpm	Weight	5 lbs.
Working Torque	25-310 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	3.5 cfm



Chicago Pneumatic Model CP-772H

Pistol Impact - 3/4" Square Drive

Features a friction ring anvil. Heavy-duty impact for fast and reliable impacting on heavy mechanical work.

Square Drive	3/4"	Length	9-5/8"
Free Speed	5750 rpm	Weight	10.5 lbs.
Working Torque	100-500 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	7.5 cfm



Ingersoll-Rand Model IR-261

Pistol Impact - 3/4" Square Drive

Features a friction ring anvil. For big jobs that require a compact and powerful 3/4" impact to do the work that 1" tools stumble over. **Model IR-295A 1" pistol impact available.**

Square Drive	3/4"	Length	8-3/4"
Free Speed	5500 rpm	Weight	12.4 lbs.
Working Torque	200-900 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	9.5 cfm

See pages 22-25 for impact accessories.

Industrial Impact Wrenches



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Nippon Pneumatic **Model NW-800S**

Straight Impact - 3/8" Square Drive

Features a **pin-type anvil**. Used mostly in repair shops, garages and assembly applications. Features include lightweight, low air consumption and exceptional power. Industrial model.

Square Drive	3/8"	Length	7"
Free Speed	8000 rpm	Weight	2.4 lbs.
Torque Range	16-48 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	1/4"	Avg. Air Consumption	3.5 cfm

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Nippon Pneumatic **Model NAW-1200SPTS**

Straight Impact - 1/2" Square Drive

Features a **pin-type anvil**. Single hammer impact wrench is used in repair and garage work shops. Features a built-in power regulator to provide four steps of power control. This wrench is distinguished by its light weight, low air consumption and powerful impacting per blow. **Uses brass end plates for longer wear. Industrial model.**

Square Drive	1/2"	Length	11"
Free Speed	7000 rpm	Weight	4.3 lbs.
Torque Range	80-170 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	3.5 cfm

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Nippon Pneumatic **Model NW-1200BPTS**

Pistol Impact - 1/2" Square Drive

Features a **pin-type anvil**. This compact, single hammer impact wrench is easily maneuverable for hard to reach places, rugged and lightweight. Features built-in 4-step power regulator standard. Frequently used in repair shops, garages and assembly applications.

Square Drive	1/2"	Length	6-7/8"
Free Speed	7000 rpm	Weight	4.0 lbs.
Torque Range	55-118 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	1/4"	Avg. Air Consumption	3.5 cfm

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Nippon Pneumatic **Model NW-1600HARTR**

Pistol Impact - 1/2" Square Drive

Features a **combination friction ring and through-hole anvil**. Lightweight single hammer impact wrench ideal for automotive repair and assembly applications. Features an ergonomic grip, quick reverse lever and built-in 4-step power regulator standard.

Square Drive	1/2"	Length	7-11/16"
Free Speed	5000 rpm	Weight	5.5 lbs.
Torque Range	74-184 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	1/4"	Avg. Air Consumption	5.3 cfm

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Nippon Pneumatic **Model NW-2000HAPTS**

Pistol Impact - 3/4" Square Drive

Features a **pin-type anvil**. Heavy-duty single hammer impact wrench ideal for assembly and industrial applications. Features an ergonomic grip, quick reverse lever and built-in 4-step power regulator standard. Dependable, serviceable tool with high torque.

Square Drive	3/4"	Length	9-1/16"
Free Speed	4500 rpm	Weight	8.4 lbs.
Torque Range	170-405 ft.-lbs.	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	7.1 cfm

See pages 22-25 for impact accessories.

General Line & Industrial Impact Wrenches



Michigan Pneumatic Model MP-181SX-A6

Impact Wrench - 1" Square Drive

Features a combination friction ring and through-hole anvil. Heavy-duty 6" extended shank impact is ideal for use on wheels with recessed rims. Double blow impact mechanism provides high torque output.



Square Drive	1"	Length	21"
Free Speed	4000 rpm	Weight	27 lbs.
Torque Range	280-1000 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	12.0 cfm



Michigan Pneumatic Model MP-612

Pistol Impact - 1" Square Drive

Features a friction ring anvil. Lightweight, compact, heavy-duty impact is recommended for heavy assembly work. Used in fleet, spring and farm equipment shops. Also good for servicing wheel nuts on big trucks.



Square Drive	1"	Length	10-1/4"
Free Speed	4000 rpm	Weight	19.5 lbs.
Torque Range	280-1000 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	10.0 cfm



Michigan Pneumatic Model MP-3200P

Pistol Impact - 1" Square Drive

Features a through-hole anvil. Industrial Model. Short length and perfectly centered dead handle allow easy handling in cramped spaces. Built-in power regulator is standard. Model MP-3200P6 with a 6" extended anvil available. Uses brass end plates for longer wear.



Square Drive	1"	Length	11-3/8"
Free Speed	4000 rpm	Weight	26.2 lbs.
Torque Range	290-1008 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	10.6 cfm



Nippon Pneumatic Model NW-3500P

Pistol Impact - 1" Square Drive

Features a through-hole anvil. Industrial Model. Heavy-duty single hammer design used mainly in garages and repair shops. Built-in power regulator and thumb operated forward-reverse lever.



Square Drive	1"	Length	11"
Free Speed	4000 rpm	Weight	20.2 lbs.
Torque Range	472-1032 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	10.6 cfm



Nippon Pneumatic Model NWH-320P

Pistol Impact - 1" Square Drive

Features a through-hole anvil. Industrial Model. Efficient, heavy-duty clutch impact allows fast rundown and high torque output. Very effective in shipyards, bridge building, construction sites and heavy manufacturing plants.



Square Drive	1"	Length	10-13/16"
Free Speed	4000 rpm	Weight	21.6 lbs.
Torque Range	280-1327 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	17.7 cfm

See pages 22-25 for impact accessories.

Industrial Impact Wrenches



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Nippon Pneumatic **Model NW-22AA**

Impact Wrench - 3/4" Square Drive

Features a through-hole anvil. Twin hammer mechanism for power and durability. Designed for assembly line work. Features a low vibration handle and four step power regulator.

Square Drive	3/4"	Length	15-11/16"
Free Speed	4500 rpm	Weight	17.6 lbs.
Torque Range	398-627 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	21.2 cfm

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Nippon Pneumatic **Model NWH-320AU**

Impact Wrench - 1" Square Drive

Features a through-hole anvil. Ideal for extra heavy-duty jobs, eliminating the use of hand wrenches. Efficient, heavy duty clutch allows fast rundown and high torque output. Uses brass end plates for longer wear. Model NWH-320A with outside trigger available.

Square Drive	1"	Length	14-1/2"
Free Speed	4000 rpm	Weight	20 lbs.
Torque Range	1003-1327 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	17.7 cfm

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Nippon Pneumatic **Model NW-32LA**

Impact Wrench - 1" Square Drive

Features a through-hole anvil. Straight type impact is ideal for extra heavy-duty jobs. Has terrific power for its weight. Will remove wheel nuts from big trucks and buses with ease. Uses brass end plates for longer wear.

Square Drive	1"	Length	15-1/16"
Free Speed	4000 rpm	Weight	23.5 lbs.
Torque Range	487-1032 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	30.0 cfm

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Nippon Pneumatic **Model NW-4300GAU**

Impact Wrench - 1" Square Drive

Features a through-hole anvil. Powerful single hammer mechanism for heavy-duty jobs. Features a four step power regulator built-in. Durable construction for longer life. Model NW-4300GA with outside trigger available.

Square Drive	1"	Length	17-13/16"
Free Speed	4000 rpm	Weight	28.4 lbs.
Torque Range	664-1327 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	14.1 cfm

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Nippon Pneumatic **Model NW-5000A**

Impact Wrench - 1" Square Drive

Features a through-hole anvil. Single hammer impact offers the ultimate power for those tough jobs. Heavy-duty construction for dependability. Features a built-in four step power regulator.

Square Drive	1"	Length	16-15/16"
Free Speed	3000 rpm	Weight	36.3 lbs.
Torque Range	840-1696 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	15.9 cfm

Industrial Impact Wrenches



Michigan Pneumatic Model MP-3600M

Impact Wrench - 3/4" Square Drive

Features a through-hole anvil. Features a two-hammer impact mechanism for greater power output. Steel clutch housing and brass end plates ensure a long, trouble free life. Built-in power regulator provides power control. Uses brass end plates for longer wear.

Square Drive	3/4"	Length	15-1/4"
Free Speed	4000 rpm	Weight	17.6 lbs.
Working Torque	604 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	9.4 cfm



Michigan Pneumatic Model MP-3600M6

Impact Wrench - 3/4" Square Drive

Features a through-hole anvil. Reversible impact wrench is lightweight and easy to handle. 6" extended anvil is standard. Designed for studs in recessed quarters. Tremendous tightening and loosening power. Uses brass end plates for longer wear.

Square Drive	3/4"	Length	20"
Free Speed	4000 rpm	Weight	18 lbs.
Working Torque	575 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	9.4 cfm



Michigan Pneumatic Model MP-3200G

Impact Wrench - 1" Square Drive

Features a through-hole anvil. Straight type impact is ideal for extra heavy-duty jobs. Has terrific power for its weight. Will remove wheel nuts from big trucks and buses with ease. Model MP-3200G6 with a 6" extended anvil available. Uses brass end plates for longer wear.

Square Drive	1"	Length	16"
Free Speed	4000 rpm	Weight	26.5 lbs.
Working Torque	900 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	10.6 cfm



Michigan Pneumatic Model MP-3650M

Impact Wrench - 1" Square Drive

Features a through-hole anvil. Light, compact impact is recommended for heavy assembly work, managing wheel nuts on big trucks and buses. Will faithfully serve shipbuilders and bridge builders. Uses brass end plates for longer wear.

Square Drive	1"	Length	18"
Free Speed	3500 rpm	Weight	29 lbs.
Working Torque	1008 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	14.1 cfm



Michigan Pneumatic Model MP-3650M6

Impact Wrench - 1" Square Drive

Features a through-hole anvil. Designed to drive studs in recessed spaces. Has a high power-to-weight ratio and durable construction for long working life. 6" extended anvil is standard. Model MP-3650M6-5SPLN with a spline drive available. Uses brass end plates for longer wear.

Square Drive	1"	Length	23"
Free Speed	3500 rpm	Weight	30 lbs.
Working Torque	925 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	14.1 cfm

Industrial Impact Wrenches



Michigan Pneumatic Model MP-6100

Impact Wrench - 1" Square Drive

Features a through-hole anvil. Ideal for extra heavy-duty jobs, eliminating hand wrenches. Light, compact wrench for heavy assembly work. Efficient, heavy duty clutch allows fast rundown and high torque output. Model MP-6100-5SPLN with spline drive or MP-6100G6 with 6" extended anvil available. Uses brass end plates for longer wear. Parts are interchangeable with CP-610 impact.

Square Drive	1"	Length	14-1/2"
Free Speed	4000 rpm	Weight	20 lbs.
Working Torque	1440 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	17.7 cfm



Michigan Pneumatic Model MP-6100I

Inside Trigger Impact - 1" Square Drive

Features a through-hole anvil. Ideal for extra heavy-duty jobs, eliminating the use of hand wrenches. Efficient, heavy duty clutch allows fast rundown and high torque output. Model MP-6100I-5SPLN with spline drive or MP-6100I6 with 6" extended anvil available. Uses brass end plates for longer wear. Parts are interchangeable with CP-610 impact.

Square Drive	1"	Length	14-1/2"
Free Speed	4000 rpm	Weight	20 lbs.
Working Torque	1440 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	17.7 cfm



Nippon Pneumatic Model NAW-1200

Right Angle Impact - 1/2" Square Drive

Features a pin-type anvil. Single hammer impact wrench is used in repair and garage work shops. Features a pin-type anvil and four steps of power control. This wrench is distinguished by its light weight, low air consumption and powerful impacting per blow. Uses brass end plates for longer wear.

Square Drive	1/2"	Length	14-11/32"
Free Speed	7000 rpm	Weight	6.6 lbs.
Working Torque	120 ft.-lbs.	Air Inlet Thread	1/4"
Angle Height	3-1/16"	Avg. Air Consumption	3.5 cfm



Nippon Pneumatic Model NAW-19A

Right Angle Impact - 3/4" Square Drive

Features a through-hole anvil. Right angle impact puts out the right amount of power for fast, effortless nutrunning of 3/4" nuts and bolts. Compact size and easy maneuverability permits nutrunning with minimum clearance. Built-in power regulator. Uses brass end plates for longer wear.

Square Drive	3/4"	Length	16-3/8"
Free Speed	4000 rpm	Weight	23.3 lbs.
Working Torque	470 ft.-lbs.	Air Inlet Thread	3/8"
Angle Height	5-13/16"	Avg. Air Consumption	17.7 cfm



Michigan Pneumatic Model MP-3650RAN

Right Angle Impact - 1" Square Drive

Features a through-hole anvil. This 90° angle impact will perform with a gear assembly designed to bear heavy pounding. Used anywhere a straight type won't reach. Offers the ultimate in power for hard, big, tough nutrunning jobs in hard to reach areas with a minimum of clearance. Uses brass end plates for longer wear.

Square Drive	1"	Length	17-3/8"
Free Speed	3500 rpm	Weight	39.6 lbs.
Working Torque	925 ft.-lbs.	Air Inlet Thread	1/2"
Angle Height	7-1/2"	Avg. Air Consumption	30 cfm

Heavy-Duty Impact Wrenches



Heavy-Duty Impacts



Model MP-1034EITH



Model MP-1040EITH



Model MP-1550EITH

Features a twin hammer clutch for more power per pound, a pressure fed clutch lubrication system, two piece motor housing for easy maintenance, a built-in muffler for low noise and direct drive for fast run down. **Parts are interchangeable with Ingersoll-Rand 2934, 2940 and 2950 series impact wrenches.**

Model No.	Shank Size	Handle Type	Torque Range	Length	Weight	Air Inlet Thread*	Avg. Air Consumption
MP-1034EITH MP-1034EOTH MP-1034EI5S MP-1034EO5S	1" Sq. Through-Hole 1" Sq. Through-Hole #5 Spline #5 Spline	Inside Trigger Outside Trigger Inside Trigger Outside Trigger	1100-1500 ft.-lbs.	11-1/4"	19 lbs.	1/2"	47 cfm
MP-1040EITH MP-1040EOTH MP-1040EI5S MP-1040EO5S	1" Sq. Through-Hole 1" Sq. Through-Hole #5 Spline #5 Spline	Inside Trigger Outside Trigger Inside Trigger Outside Trigger	1600-2000 ft.-lbs.	12-13/32"	22 lbs.	1/2"	58 cfm
MP-1550EITH MP-1550EOTH MP-1550EI5S MP-1550EO5S	1-1/2" Sq. Through-Hole 1-1/2" Sq. Through-Hole #5 Spline #5 Spline	Inside Trigger Outside Trigger Inside Trigger Outside Trigger	2500-3000 ft.-lbs.	14-1/2"	33 lbs.	1/2"	70 cfm

Heavy-Duty Impacts



Model MP-1011EOTH



Model MP-1520EITH

Features a high energy per blow two jaw clutch, rugged steel clutch housing machined from bar stock, bronze alloy end plates for long motor life, a three piece housing for ease of maintenance, high power-to-weight ratio. **Parts are interchangeable with Chicago Pneumatic 611 and 6120 series impact wrenches.**

Model No.	Shank Size	Handle Type	Torque Range	Length	Weight	Air Inlet Thread*	Avg. Air Consumption
MP-1011EITH MP-1011EOTH MP-1011EI5S MP-1011EO5S	1" Sq. Through-Hole 1" Sq. Through-Hole #5 Spline #5 Spline	Inside Trigger Outside Trigger Inside Trigger Outside Trigger	1800-2800 ft.-lbs.	12-1/2"	22.50 lbs.	1/2"	47 cfm
MP-1520EITH MP-1520EI5S	1-1/2" Sq. Through-Hole #5 Spline	Inside Trigger	2500-3500 ft.-lbs.	14-3/4"	33.75 lbs.	1/2"	70 cfm

See pages 22-25 for impact accessories. *Recommended hose size of 3/4".

Heavy-Duty Impact Wrenches



Michigan Pneumatic Model 2920

Pistol Impact - 3/4" Square Drive

Features a through-hole anvil. Rugged steel alloy hammer case machined from solid bar. Twin hammer mechanism for high power-to-weight ratio. Model 2920-1 with a 1" through-hole anvil available. Parts are interchangeable with Ingersoll-Rand Model 2920P1.

Square Drive	3/4"	Length	12-1/2"
Free Speed	5500 rpm	Weight	12 lbs.
Torque Range	800-1100 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	38 cfm



Michigan Pneumatic Model MP-7560

Pistol Impact - 3/4" Square Drive

Features a through-hole anvil. Powerful two-jaw clutch and steel clutch housing design offers power and dependability. Adjustable power regulator for forward-reverse control built-in. Parts are interchangeable with Chicago Pneumatic Model 6060SASAB. Model MP-7560-1 with a 1" through-hole anvil available.

Square Drive	3/4"	Length	12-1/2"
Free Speed	3000 rpm	Weight	12 lbs.
Torque Range	560-1100 ft.-lbs.	Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"	Avg. Air Consumption	38 cfm

Extra Heavy-Duty Impacts



Model MP-1578



Model MP-2588

Features a through-hole anvil. Designed to produce an exceptionally high torque output. Effective for shipyards, bridge construction, building construction and heavy manufacturing plants. Time tested design for maximum durability. Model MP-1578 parts are interchangeable with Ingersoll-Rand Models 578A1, 5780A1 and 5980A1. Model MP-2588 parts are interchangeable with Ingersoll-Rand Model 588.

Model No.	Shank Size	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
MP-1578	1-1/2" Sq. Through-Hole	5500-10000 ft.-lbs.	23"	86 lbs.	3/4"	3/4"	138 cfm
MP-2588	2-1/2" Sq. Through-Hole	25000-50000 ft.-lbs.	25-3/8"	215 lbs.	1"	1"	155 cfm

See pages 22-25 for impact accessories.

Extra Heavy-Duty Impacts



Nippon Pneumatic **Model NWH-500**

Extra Heavy-Duty Impact

Features a through-hole anvil. For extra heavy nutrunning jobs performed by slow and laborious hand wrench methods. Eliminates costly sledging, battering and burning of frozen nuts. Indispensable for production and maintenance jobs in shipyards, steel mills and heavy machinery manufacturing plants. Save manpower by using toolpower. Uses brass end plates for longer wear.

NPK



Model NWH-500

NPK



Model NWH-750-24

Nippon Pneumatic **Model NWH-750-24**

Extra Heavy-Duty Impact

Features a through-hole anvil. Designed to produce an exceptionally high torque output. Effective for shipyards, bridge construction, building construction and heavy manufacturing plants. Lightweight aluminum housing allows the operator to manipulate this powerful tool in tight spaces. Uses brass end plates for longer wear.

Michigan Pneumatic **Model MP-5888**

Extra Heavy-Duty Impact

Features a through-hole anvil. Offers the ultimate in power for handling big, tough nutrunning and removal jobs. Used in shipyards, locomotive shops and heavy equipment industrial plants. Save manpower and reduce downtime by using toolpower.



Model MP-5888

Model No.	Shank Size	Free Speed	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NWH-500	1-1/2" Sq.	3500 rpm	1800-4425 ft.-lbs.	22-3/16"	63.8 lbs.	3/4"		43 cfm
NWH-750-24	2-1/2" Sq.	2200 rpm	10000-15000 ft.-lbs.	25-7/16"	115.7 lbs.	3/4"	1"	53 cfm
MP-5888	2-1/2" Sq.	2600 rpm	7200-25000 ft.-lbs.	24-1/2"	167 lbs.	1"		85 cfm

See pages 22-25 for impact accessories.

Nippon Pneumatic

Pistol Pulsus Wrench

- Ergonomic Grip
- Reduced Trigger Pull
- Unique Oil Bypass Port
- Single Blow per Revolution
- Significant Oil Life Extension

N-DuraPulse
Manufactured by **NPK**

The N-DuraPulse Series' unique single bypass inertia pulse mechanism delivers adjustable, yet stable, tightening torque while extending the oil life and decreasing the downtime for routine maintenance.

The ergonomic grip and reduced trigger pull also make this series more comfortable and less taxing for the operator.



Model NPP-06PTS



Model NPP-08PTS

NPK

Pulsus Wrench Specifications

Model No.	Shank Size	Retainer Type	Free Speed	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NPP-06PTS NPP-08PTS	3/8" Sq.	Pin-Type	6500 rpm	16-27 ft.-lbs. 26-37 ft.-lbs.	5-3/4" 6"	1.87 lbs. 1.96 lbs.	1/4"	1/4"	10.6 cfm

Nippon Pneumatic

Automatic Shut-Off Pulsus Wrench



Model NPR-05PTS



Model NPR-06PTS



Model NPR-07PTS

NPK

Automatic Shut-Off Pulsus Wrench Specifications

Model No.	Shank Size	Retainer Type	Free Speed	Torque Range (soft joint)	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NPR-05PTS	3/8" Sq.	Pin-Type	6000 rpm	5-8 ft.-lbs.	6-1/2"	2.2 lbs.	1/4"	1/4"	12.4 cfm
NPR-06PTS	3/8" Sq.		6000 rpm	7-15 ft.-lbs.	6-3/4"	2.4 lbs.			12.4 cfm
NPR-07PTS	3/8" Sq.		5800 rpm	14-22 ft.-lbs.	6-3/4"	2.4 lbs.			12.4 cfm
NPR-08PTS	3/8" Sq.		5800 rpm	22-36 ft.-lbs.	7"	3.1 lbs.			15.9 cfm
NPR-09PTS	1/2" Sq.		5500 rpm	36-59 ft.-lbs.	7-11/16"	3.7 lbs.			17.7 cfm
NPR-10PTS	1/2" Sq.		5300 rpm	59-80 ft.-lbs.	7-11/16"	4.4 lbs.			19.4 cfm

See pages 22-25 for impact accessories.

Pistol Pulsus Wrench & Screwdriver

NPK®



NPW-450A-DX0
1/4" Female Hex
Pulsus Screwdriver



NPW-650APTS-000
3/8" Sq. Drive
Pulsus Wrench



NPW-1600APTS-000
3/4" Sq. Drive
Pulsus Wrench

NPK's "Pulsus" oil pulse mechanism tools feature a dual chambered air motor, which needs no lubrication and provides low vibration, low noise, and high durability. These lightweight, compact tools offer high performance and highly accurate tightening torque with easy torque adjustment. Other features include an ergonomic grip and a quick reverse that can be moved from the left side of the tool to the right side for left handed operation.

Pulsus Wrench Specifications

Model No.	Shank Size	Retainer Type	Free Speed	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NPW-450APTS-000	3/8" Sq.	Pin-Type	6500 rpm	18-31 ft.-lbs.	6-1/16"	2.0 lbs.	1/4"	1/4"	10.6 cfm
NPW-550APTS-000	3/8" Sq.		6500 rpm	20-38 ft.-lbs.	6-1/4"	2.2 lbs.	3/8"		12.4 cfm
NPW-650APTS-000	3/8" Sq.		5500 rpm	32-47 ft.-lbs.	6-3/4"	2.3 lbs.	3/8"		15.9 cfm
NPW-800BPTS-000	3/8" Sq.		5300 rpm	47-69 ft.-lbs.	7"	3.2 lbs.	3/8"		17.7 cfm
NPW-1000APTS-000	1/2" Sq.		5300 rpm	52-81 ft.-lbs.	7-9/16"	4.2 lbs.	3/8"		19.4 cfm
NPW-1200APTS-000	1/2" Sq.		4200 rpm	66-101 ft.-lbs.	7-11/16"	5.1 lbs.	3/8"		21.2 cfm
NPW-1400APTS-000	1/2" Sq.		3500 rpm	87-123 ft.-lbs.	8-9/16"	6.2 lbs.	3/8"		28.3 cfm
NPW-1600APTS-000	3/4" Sq.		3000 rpm	95-155 ft.-lbs.	9-7/16"	7.9 lbs.	3/8"		31.8 cfm

Pulsus Screwdriver Specifications

Model No.	Shank Size	Free Speed	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NPW-450A-DX0	1/4" Hex	6500 rpm	18-23 ft.-lbs.	6-3/16"	2.0 lbs.	3/8"	1/4"	10.6 cfm
NPW-550A-DX0			20-29 ft.-lbs.	6-5/16"	2.2 lbs.			12.4 cfm

See pages 22-25 for impact accessories. See pages 24-25 for screwdriver accessories.

Automatic Shut-Off Pulsus Wrench & Screwdriver

NPK®



NPW-450A-TDX

1/4" Female Hex Pulsus Screwdriver

NPW-800BPTS-T00

3/8" Sq. Drive Pulsus Wrench

NPW-550APTS-T00

3/8" Sq. Drive Pulsus Wrench

NPK's "Pulsus" oil pulse mechanism tools feature a dual chambered air motor, which needs no lubrication and provides low vibration, low noise, and high durability. These lightweight, compact tools offer high performance and highly accurate tightening torque with easy torque adjustment. Other features include an ergonomic grip and a quick reverse that can be moved from the left side of the tool to the right side for left handed operation.

Automatic Shut-Off Pulsus Wrench Specifications

Model No.	Shank Size	Retainer Type	Free Speed	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NPW-450APTS-T00	3/8" Sq.	Pin-Type	6000 rpm	15-21 ft.-lbs.	7-1/2"	2.9 lbs.	1/4"	1/4"	12 cfm
NPW-550APTS-T00			6000 rpm	19-29 ft.-lbs.	7-1/2"	2.9 lbs.	1/4"		12 cfm
NPW-650APTS-T00			5800 rpm	29-40 ft.-lbs.	8-1/8"	3.3 lbs.	3/8"		16 cfm
NPW-800BPTS-T00			5500 rpm	42-55 ft.-lbs.	8-3/8"	3.7 lbs.	3/8"		18 cfm

Automatic Shut-Off Pulsus Screwdriver Specifications

Model No.	Shank Size	Free Speed	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NPW-450A-TDX	1/4" Hex	6000 rpm	15-20 ft.-lbs.	7-3/4"	2.9 lbs.	1/4"	1/4"	12 cfm
NPW-550A-TDX			19-24 ft.-lbs.	7-3/4"	3.0 lbs.	3/8"		

See pages 22-25 for impact accessories. See pages 24-25 for screwdriver accessories.

Pulsus & Hydrotension Tools



Straight Pulsus Wrench & Screwdriver



NPW-450EAPTS-000
3/8" Sq. Drive Straight Pulsus Wrench



NPW-450EA-DX0
1/4" Female Hex Straight Pulsus Screwdriver

NPK

Model No.	Shank Size	Retainer Type	Free Speed	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NPW-450EAPTS-000	3/8" Sq.	Pin-Type	6000 rpm	14-20 ft.-lbs.	9-17/32"	1.9 lbs.	1/4"	1/4"	8.1 cfm
NPW-450EA-DX0	1/4" Hex			14-20 ft.-lbs.	9-19/32"				

Straight Hydrotension Pulse Wrench



NPW-60SPTS
3/8" Sq. Drive Straight Pulse Wrench



NPW-80SPTS
3/8" Sq. Drive Straight Pulse Wrench



NPW-100SPTS
1/2" Sq. Drive Straight Pulse Wrench

NPK

Model No.	Shank Size	Retainer Type	Free Speed	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NPW-50SPTS	3/8" Sq.	Pin-Type	9000 rpm	13-20 ft.-lbs.	8-1/8"	2.2 lbs.	1/4"	1/4"	7.1 cfm
NPW-60SPTS	3/8" Sq.		10500 rpm	15-28 ft.-lbs.	7-27/32"	2.3 lbs.	1/4"		7.1 cfm
NPW-80SPTS	3/8" Sq.		9000 rpm	19-35 ft.-lbs.	8-11/32"	2.9 lbs.	1/4"		8.8 cfm
NPW-100SPTS	1/2" Sq.		7500 rpm	30-58 ft.-lbs.	11-9/16"	4.4 lbs.	3/8"		10.6 cfm

Pistol Hydrotension Pulse Wrench



NPW-60PTS
3/8" Sq. Drive Pulse Wrench



NPW-140PTS
1/2" Sq. Drive Pulse Wrench



NPW-180PTS
3/4" Sq. Drive Pulse Wrench

NPK

Model No.	Shank Size	Retainer Type	Free Speed	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NPW-50PTS	3/8" Sq.	Pin-Type	9000 rpm	13-20 ft.-lbs.	6-25/32"	2.3 lbs.	1/4"	1/4"	7.1 cfm
NPW-60PTS	3/8" Sq.		10500 rpm	15-28 ft.-lbs.	5-25/32"	2.9 lbs.	1/4"		7.1 cfm
NPW-80PTS	3/8" Sq.		9000 rpm	19-35 ft.-lbs.	6-11/32"	3.2 lbs.	1/4"		8.8 cfm
NPW-100PTS	1/2" Sq.		7500 rpm	30-58 ft.-lbs.	7-1/4"	4.6 lbs.	3/8"		10.6 cfm
NPW-120PTS	1/2" Sq.		6000 rpm	40-74 ft.-lbs.	7-13/32"	5.3 lbs.	3/8"		10.6 cfm
NPW-140PTS	1/2" Sq.		5200 rpm	83-108 ft.-lbs.	7-5/8"	6.4 lbs.	3/8"		17.7 cfm
NPW-160PTS	1/2" Sq.		4500 rpm	81-130 ft.-lbs.	8-11/32"	7.5 lbs.	3/8"		17.7 cfm
NPW-180PTS	3/4" Sq.		4000 rpm	121-173 ft.-lbs.	8-21/32"	8.4 lbs.	3/8"		19.4 cfm

See pages 22-25 for impact accessories. See pages 24-25 for screwdriver accessories.

Hydrotension Tools & Torque Controlled Impacts



Automatic Shut-Off Hydrotension Pulse Wrench



NPW-80TPTS
3/8" Sq. Drive Pulse Wrench



NPW-160TPTS
1/2" Sq. Drive Pulse Wrench



NPW-200TPTS
3/4" Sq. Drive Pulse Wrench

NPK

Model No.	Shank Size	Retainer Type	Free Speed	Torque Range	Length	Weight	Rec'd Hose Size	Air Inlet Thread	Avg. Air Consumption
NPW-80TPTS	3/8" Sq.	Pin-Type	9500 rpm	14-25 ft.-lbs.	6-25/32"	3.3 lbs.	1/4"	1/4"	7.1 cfm
NPW-80TPTS	3/8" Sq.		8000 rpm	17-31 ft.-lbs.	7-5/16"	3.6 lbs.	1/4"	1/4"	7.1 cfm
NPW-160TPTS	1/2" Sq.		4000 rpm	70-118 ft.-lbs.	9-11/16"	8.1 lbs.	3/8"	1/4"	15.9 cfm
NPW-180TPTS	3/4" Sq.		3600 rpm	107-155 ft.-lbs.	10"	9.2 lbs.	3/8"	1/4"	17.7 cfm
NPW-200TPTS	3/4" Sq.		3500 rpm	206-298 ft.-lbs.	10-15/16"	15.8 lbs.	1/2"	3/8"	19.4 cfm

NPK

Nippon Pneumatic Model TM-2000A

Torque Meter



Useful for torque adjustment and control of hydrotension wrenches, calibrating torque wrenches and checking the torque of nutrunners. Features a digital display, high measurement accuracy, and a peak holding circuit for easy reading of displayed values. **Includes one 3/8" square socket adapter, one 1/2" square socket adapter and connecting cable.**

Measuring Range	0-199.9 Nm	Power Supply	AC 100/110V
Amplifier Weight	3.5 lbs.	Amp. Dimensions: 11" x 7-1/2" x 3-1/2"	
Sensor Weight	14.3 lbs.	Sensor Dimensions: 7-1/2" x 4" x 3"	



Michigan Pneumatic Model MP-6100TA

Torque Impact - 1" Square Drive

Features a through-hole anvil. Torque controlled impact provides easy torque adjustment and uniform torque output. "Auto-Stop" feature tightens bolts to pre-specified tension. When preset torque is reached, tool stops automatically. **Some MP-6100TA parts are interchangeable with the CP-610T impact.**

Square Drive	1"	Length	16-11/16"
Free Speed	4000 rpm	Weight	23.5 lbs.
Torque Range	300-1400 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	17.7 cfm



Michigan Pneumatic Model MP-6100TA-5SPLN

Torque Impact - #5 Spline Drive

Features a pin-type anvil. Torque controlled impact provides easy torque adjustment and uniform torque output. "Auto-Stop" feature tightens bolts to pre-specified tension. When preset torque is reached, tool stops automatically. **Some MP-6100TA-5SPLN parts are interchangeable with the CP-610T impact.**

Spline Drive	#5	Length	17-1/16"
Free Speed	4000 rpm	Weight	23.7 lbs.
Torque Range	300-1400 ft.-lbs.	Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"	Avg. Air Consumption	17.7 cfm

See pages 22-25 for impact accessories.

One Shot & Specialty Hammers



Michigan Pneumatic Model MP-AH15 Palm Hammer

Lightweight, palm-size air hammer replaces a variety of cumbersome hammers. Equipped with T-15-M plastic tip standard. Other interchangeable tips available in plastic, steel and aluminum.

Height..... 3-5/8" Weight..... 2 lbs. Air Inlet..... 1/4" NPT



Michigan Pneumatic Model MP-RH20 & MP-RH80 One Shot Hammers

One shot hammer for delicate operations requiring lower power, including the insertion of pins, bushings, collar caps, oil seals, etc. Each lever pull delivers a single blow of precise power. The force of the hit can be regulated by adjusting the air pressure.

RH8023 Snap Rivet Retainer RH8029 Snap Rivet

Model No.	Power	Length	Weight	Air Inlet Thread	Avg. Air Consumption
MP-RH20	0.23 kgf-m	8-3/8"	2.00 lbs.	1/4" MPT	0.008 cf/stroke
MP-RH80	0.32 kgf-m	10"	2.86 lbs.	1/4" MPT	0.023 cf/stroke



Michigan Pneumatic Model MP-RH90 & MP-RH100Z One Shot Hammers

Heavy-duty, hammer for the insertion of pins, bushings, collar caps, oil seals, etc., requiring greater power. Each lever pull delivers a single powerful blow. Air pressure can be adjusted to regulate the force of each blow.

RH100Z-28 Snap Rivet Retainer RH8029 Snap Rivet
RH100Z-29 Snap Rivet Ring

Model No.	Power	Length	Weight	Air Inlet Thread	Avg. Air Consumption
MP-RH90	0.60 kgf-m	12-29/32"	3.53 lbs.	1/4" MPT	0.042 cf/stroke
MP-RH100Z	0.90 kgf-m	12-23/32"	3.86 lbs.	1/4" MPT	0.053 cf/stroke



Michigan Pneumatic Model MP-PRT20B One Shot Hammer

Straight hammer designed to insert roll and spring pins with one blow. Features ball type retainer for easy chisel removal and padded hand grip for operator comfort. Equipped with blank chisel.

PHT-0019 Blank Chisel
PHT-0099 3/4" Round Face Blank Chisel

Piston Stroke.....	3-1/4"	Length.....	11-3/8"
Bore.....	1"	Weight.....	3.85 lbs.
Shank Diameter.....	3/8"	Air Inlet Thread.....	1/4"



Michigan Pneumatic Model MP-PHT10B One Shot Hammer

Pistol one-shot hammer with quick change retainer. Features a bail type hanger and ball type retainer. Special chisels can be manufactured with different length ball grooves to increase the travel distance or throw of the chisel. Equipped with blank chisel.

PHT-0019 Blank Chisel
PHT-0099 3/4" Round Face Blank Chisel

Piston Stroke.....	3-1/4"	Length.....	9-3/4"
Bore.....	1"	Weight.....	3.30 lbs.
Shank Diameter.....	3/8"	Air Inlet Thread.....	1/4"

Pin Riveter & Automotive Air Hammer



Michigan Pneumatic Model MP-G43H

Pin Riveter

Used for fine riveting applications such as very small rivets, brads, tacks and screws, and light peening and scaling applications. Can also be used for seating press-fit drive studs, drive screws and spring pins. Ideal for straightening shafts and broaches. Available with 3/8" hex shank sets only.

PR043H004 Hex Driver

Blows Per Minute	9000	Length.....	6"
Rivet Capacity	1/16"	Weight.....	13 oz.
Stroke.....	1/2"	Air Inlet Thread	1/4"



Michigan Pneumatic Model MP-T26

Stone Tool

Carving hammer suitable for marble dressing, facade scaling and ornamental stone. Low air consumption, easy handling and high output makes this tool very practical.

971CC	1" Wide Chisel	889MC	1/2" Machine Chisel
972CC	1-1/4" Wide Chisel	939MP	3/4" 9-pt. Tool

Bore.....	1"	Length.....	7-11/16"
Stroke.....	1-3/16"	Weight.....	3 lbs.
Blows Per Minute	3500	Air Inlet Thread	1/4"

Chisel not included



Michigan Pneumatic Model MP-5145-ST

Air Hammer - Heavy Hitting

Features an independent power regulator, "teasing" throttle for operator control, and a one-piece metal motor housing for long life. Ideal for panel cutting and muffler removal. 0.401 shank.

Piston Stroke	2-5/8"	Weight.....	3.5 lbs.
Blows Per Minute	3500	Air Inlet Thread	1/4"
Length.....	8-3/4"	Avg. Air Consumption	4 cfm



Michigan Pneumatic Model MP-1020-F

Air Hammer - Heavy Hitting

Designed for heavy-duty mechanical work. Cuts rivets off ball joints, shackle pins, universal joints, king pins, etc. Used for ripping, punching and driving. Features a durable, lightweight nylon handle. 0.401 shank. Made in U.S.A.

Piston Stroke	2-3/4"	Weight.....	2.625 lbs.
Blows Per Minute	3700	Air Inlet Thread	1/4"
Length.....	6-1/4"	Avg. Air Consumption	4 cfm



Michigan Pneumatic Model MP-1010-F

Air Hammer - Extra Heavy-Duty

Designed for heavy-duty mechanical work. Cuts rivets off ball joints, shackle pins, universal joints, king pins, etc. A heavy-duty tool for heavy jobs. Features a durable, lightweight nylon handle. 0.401 shank. Made in U.S.A.

Piston Stroke	3"	Weight.....	3.25 lbs.
Blows Per Minute	2600	Air Inlet Thread	1/4"
Length.....	7-1/2"	Avg. Air Consumption	4 cfm

See pages 102-103 for air hammer and riveting accessories.

Pick & 4-Bolt Chipping Hammers



Michigan Pneumatic **Model MP-CH2R - Round**
Model MP-CH2H - Hex

Heavy-Duty Chipping Hammer

Four bolt design eliminates handle breakage. Includes chisel retainer and chisel retainer spring. Aluminum handle model available. Most parts interchangeable with Sullair CH series chipping hammers.

1190-SUL1
1194-2

Retainer
Retainer Spring

MADE
U.S.A.
IN THE

Blows Per Minute	2300	Length.....	14"
Stroke.....	3"	Weight.....	17 lbs.
Bore.....	1-1/8"	Air Inlet Thread.....	1/2"
Shank Diameter:.....	.580H/.680R	Avg. Air Consumption.....	26 cfm



Michigan Pneumatic **Model MP-CH3R - Round**
Model MP-CH3H - Hex

Heavy-Duty Chipping Hammer

Four bolt design eliminates handle breakage. Includes chisel retainer and chisel retainer spring. Aluminum handle model available. Most parts interchangeable with Sullair CH series chipping hammers.

1190-SUL1
1194-2

Retainer
Retainer Spring

MADE
U.S.A.
IN THE

Blows Per Minute	2100	Length.....	15-1/4"
Stroke.....	3-3/4"	Weight.....	18.5 lbs.
Bore.....	1-1/8"	Air Inlet Thread.....	1/2"
Shank Diameter:.....	.580H/.680R	Avg. Air Consumption.....	30 cfm



Michigan Pneumatic **Model MP-CH4R - Round**
Model MP-CH4H - Hex

Heavy-Duty Chipping Hammer

Four bolt design eliminates handle breakage. Includes chisel retainer and chisel retainer spring. Aluminum handle model available. Most parts interchangeable with Sullair CH series chipping hammers.

1190-SUL1
1194-2

Retainer
Retainer Spring

MADE
U.S.A.
IN THE

Blows Per Minute	1700	Length.....	16-1/2"
Stroke.....	4-1/4"	Weight.....	19.5 lbs.
Bore.....	1-1/8"	Air Inlet Thread.....	1/2"
Shank Diameter:.....	.580H/.680R	Avg. Air Consumption.....	33 cfm

Chicago Pneumatic **Model CP-4100-2R - Round**
Model CP-4100-2H - Hex

Pick Hammer

Ideal for metal removal in foundries, petro-chemical plants, fabrication shops and shipyards. Features a simplate valve for smooth, powerful operation. Uses round collar moil points and narrow chisels only.



CP-4100-2R

Blows Per Minute	3000	Length.....	13"
Stroke.....	2-1/2"	Weight.....	5.25 lbs.
Bore.....	3/4"	Air Inlet Thread.....	3/8"
Shank Diameter:.....	.0.580H/0.680R	Avg. Air Consumption.....	16 cfm

Chicago Pneumatic **Model CP-4100-3H - Hex**

Pick Hammer

Powerful, lightweight tool is ideal for use in horizontal and overhead demolition of concrete, stone and masonry structures. Also well suited for metal removal in foundries, petro chemical plants, fabrication shops and shipyards. Features a simplate valve for smooth, powerful operation. Uses round collar 0.580 hex shank moil points and narrow chisels only.



Blows Per Minute	2500	Length.....	15"
Stroke.....	3-1/2"	Weight.....	6.125 lbs.
Bore.....	3/4"	Air Inlet Thread.....	3/8"
Shank Diameter:.....	0.580H	Avg. Air Consumption.....	16 cfm

See pages 112-113 for chipping hammer accessories.

Retainer Type Chipping Hammers



Michigan Pneumatic **Model MP-4113R - Round**
Model MP-4113H - Hex

Mini Chipping Hammer

Compact, lightweight chipping hammer designed for working in tight spaces or small enclosures. Smooth throttle, easy to hold, and powerful for its size. Please specify hex or round shank.

1190-1.655 Retainer
1194-2 Retainer Spring

Blows Per Minute	3200	Length w/Retainer	12-3/4"
Stroke	1.8"	Weight w/Mount	7.9 lbs.
Bore	0.88"	Air Inlet Thread	3/8"



Michigan Pneumatic **Model MP-1100R - Round**
Model MP-1100H - Hex

Retainer Chipping Hammer

Lightweight, durable, medium-duty tools designed for cleaning castings, bushing concrete, and cutting or chipping masonry materials of all types. Ideal for shipyards, foundries and contractors. **Parts are interchangeable with CP-9362, 3 and 4 series chippers.** Please specify hex or round shank.

1190-MPT1 Retainer
1194-2 Retainer Spring

Blows Per Minute	2800	Length w/Retainer	13-1/2"
Stroke	1"	Weight w/Retainer	14.75 lbs.
Bore	1-1/8"	Air Inlet Thread	3/8"



Michigan Pneumatic **Model MP-2200R - Round**
Model MP-2200H - Hex

Retainer Chipping Hammer

Lightweight, durable, medium-duty tools designed for cleaning castings, bushing concrete, and cutting or chipping masonry materials of all types. Ideal for shipyards, foundries and contractors. **Parts are interchangeable with CP-9362, 3 and 4 series chippers.** Please specify hex or round shank.

1190-MPT1 Retainer
1194-2 Retainer Spring

Blows Per Minute	2150	Length w/Retainer	15-1/2"
Stroke	2"	Weight w/Retainer	15.75 lbs.
Bore	1-1/8"	Air Inlet Thread	3/8"



Michigan Pneumatic **Model MP-3300R - Round**
Model MP-3300H - Hex

Retainer Chipping Hammer

Ideal for medium to heavy-duty chipping jobs. Great for paper stripping and weld destruct applications. Heat treated pistons and barrels resist wear and add longevity. **Parts are interchangeable with CP-9362, 3 and 4 series chippers.** Please specify hex or round shank.

1190-MPT1 Retainer
1194-2 Retainer Spring

Blows Per Minute	1900	Length w/Retainer	16-1/4"
Stroke	3"	Weight w/Retainer	16.40 lbs.
Bore	1-1/8"	Air Inlet Thread	3/8"



Michigan Pneumatic **Model MP-4400R - Round**
Model MP-4400H - Hex

Retainer Chipping Hammer

Features a cast steel handle for long life and operator comfort. Designed for heavy-duty jobs where power and reliability are a must. Great for demolition, riveting and cutting steel. **Parts are interchangeable with CP-9362, 3 and 4 series chippers.** Please specify hex or round shank.

1190-MPT1 Retainer
1194-2 Retainer Spring

Blows Per Minute	1500	Length w/Retainer	18-1/4"
Stroke	4"	Weight w/Retainer	17.70 lbs.
Bore	1-1/8"	Air Inlet Thread	3/8"

Industrial Chipping Hammers



MADE
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IN THE

1190-1.655
1194-2

Retainer
Retainer Spring

Michigan Pneumatic **Model MP-K2LR-RET - Round**
Model MP-K2LH-RET - Hex

Chipping Hammer

Smallest line of chippers featuring standard .580 hex or .680 round shank bushing. **Parts interchangeable with Ingersoll-Rand K2L models.** Please specify hex or round shank.

Blows Per Minute	3600	Length.....	12"
Stroke.....	1-3/4"	Weight.....	8 lbs.
Bore.....	7/8"	Air Inlet Thread	1/4"



1190-MPT1
1194-2

Retainer
Retainer Spring

Michigan Pneumatic **Model MP-100CR-RET - Round**
Model MP-100CH-RET - Hex

Retainer Chipping Hammers

Powerful, lightweight tools available in four sizes for chipping, beading, cleaning castings, cutting, and roughening concrete and masonry. Designed for rugged use in any application. **Parts are interchangeable with Chicago Pneumatic Simplate chippers.** Please specify hex or round shank.

Blows Per Minute	2800	Length w/Retainer.....	13-3/4"
Stroke.....	1"	Weight w/Retainer.....	14.00 lbs.
Bore.....	1-1/8"	Air Inlet Thread	3/8"



1190-MPT1
1194-2

Retainer
Retainer Spring

Michigan Pneumatic **Model MP-200CR-RET - Round**
Model MP-200CH-RET - Hex

Retainer Chipping Hammers

Excellent for chipping, scaling, cleaning work on castings, billets and paper box stripping. Smooth throttle characteristics, easy to hold, powerful for its size. Simplate valve design provides excellent controllability. **Parts are interchangeable with Chicago Pneumatic Simplate chippers.** Please specify hex or round shank.

Blows Per Minute	2200	Length w/Retainer.....	14-1/2"
Stroke.....	2"	Weight w/Retainer.....	14.90 lbs.
Bore.....	1-1/8"	Air Inlet Thread	3/8"



1190-MPT1
1194-2

Retainer
Retainer Spring

Michigan Pneumatic **Model MP-300CR-RET - Round**
Model MP-300CH-RET - Hex

Retainer Chipping Hammers

Deliver fast, powerful blows and produce maximum energy with minimal tool weight for medium to extra heavy-duty chipping. Virtually trouble free Simplate valve design. Rugged design for all heavy-duty chipping applications. **Parts are interchangeable with Chicago Pneumatic Simplate chippers.** Please specify hex or round shank.

Blows Per Minute	1700	Length w/Retainer.....	16-1/2"
Stroke.....	3"	Weight w/Retainer.....	17.10 lbs.
Bore.....	1-1/8"	Air Inlet Thread	3/8"



1190-MPT1
1194-2

Retainer
Retainer Spring

Michigan Pneumatic **Model MP-400CR-RET - Round**
Model MP-400CH-RET - Hex

Retainer Chipping Hammers

Streamlined design for heavy riveting, chipping, scaling, beading. Many different uses, including paper box stripping and cutting defective welds. Designed for rugged use in foundries and construction applications. **Parts are interchangeable with Chicago Pneumatic Simplate chippers.** Please specify hex or round shank.

Blows Per Minute	1450	Length w/Retainer.....	17-3/4"
Stroke.....	4"	Weight w/Retainer.....	18.00 lbs.
Bore.....	1-1/8"	Air Inlet Thread	3/8"

Chipping Hammer Chisels



Oval Collar Shank Style



.680 Round



.580 Hex

MPT chisels are manufactured from the finest alloys available for Michigan Pneumatic retainer type chippers, as well as other manufacturers chippers. Each chisel is hardened and tempered throughout to provide maximum strength and resistance to fatigue, then carefully inspected to meet the rigid MPT quality standards.

Round collar shank style chisels are also available. Longer lengths up to 72" are available. Please specify part number when ordering.

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
Moiil 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	-	-	-	-	-
Cape		Round	305	305-12	-	-	-	-
		Hex	306	306-12	-	-	-	-
Round Nose		Round	307	307-12	-	-	-	-
		Hex	308	308-12	-	-	-	-
Diamond Point		Round	309	309-12	-	-	-	-
		Hex	310	310-12	-	-	-	-
Bushing Tool		Round	50100	-	-	-	-	-
		Hex	50200BT	-	-	-	-	-
Gauge		Round	337	337-12	-	-	-	-
		Hex	338	338-12	-	-	-	-

Longer lengths and other styles available. Please inquire.

Chipping Hammer Accessories



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 thru MP-400 series	1190-MPT1
MP-1100 thru MP-4400 series	1190-MPT1
MP-CH2 thru MP-CH4 series	1190-SUL1
MP-K2L series	1190-1.655
MP-4113 series	1190-1.655

Chicago Pneumatic

Tool Model No.	Part Number
CP-1-RV thru CP-4-RV Series	1190-CPT2
CP-1 CP-2A CP-3 CP-4 CP-9362 CP-9363 CP-9364	1190-CPT1
CP-4113	1190-1.692

Ingersoll-Rand

Tool Model No.	Part Number
IR-K2L	1190-1.655
IR-1 IR-2 & IR-200 IR-2A IR-3 & IR-300 IR-3A IR-4 & IR-400	1190-IRC1
IR-W1 thru IR-W4 Series	1193

Hitch Cutter Retainer

Designed for both oval collar and round collar tools in any width blades.



1195-MPT1

Michigan Pneumatic 1191-MPT1 Quick Change 1192-MPT1 Rapid Change

For use where frequent tool change is necessary. It is not necessary to remove retainer from hammer barrel to change tools. On the 1191 retainer, the chisel is changed by lifting the end of flat spring on outside of retainer to release lock pin, rotate tool 1/4 turn, remove tool. Insert new tool and rotate 1/4 turn. On the 1192 retainer, it is **not** necessary to lift the spring, simply rotate the chisel 1/4 turn and remove to change.



Replacement Rotating Insert & Retaining Ring



1191-3 for use with 1191 Quick Change series retainer
1191-7 for use with 1192 Rapid Change series retainer
1191-4 for retaining the rotating insert on both 1191 and 1192 series retainers.

Replacement Flat Spring & Pin



1191-2 for use with 1191 Quick Change series retainer
1191-6 for use with 1192 Rapid Change series retainer

Lock Spring for All Retainers



1194-2 Heavy-Duty Wire Spring

1194-5 Solid Urethane Lock Spring

Deluxe Ball Type Chisel Retainer

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



1291-1 Sleeve
1291-2 Spring
1291-3 Balls (set of 6)
1291-4 Retainer Clip
1194-2 Heavy-Duty Lock Spring

1291-MPT1
1291-IRC2
1291-SUL2
1291-1.942

OSHA regulations specify that retainers shall be used to prevent accidental expulsion of tools. Retainers are available for all models of chipping hammers. Please specify model of chipping hammer when ordering. All accessories are made in U.S.A.

Chipping Hammers



Michigan Pneumatic

W-Style Chipping Hammer

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 blows of the chisel. W-style chippers use oval or round collar chisels. See page 112 for additional accessories. Please specify hex or round shank.



MP-W4R
Chipping Hammer (sold with retainer)

Chipping Hammer Retainer & Parts

HHW1-300 Retainer	HHW1-213 Lower Washer	R00A2-103 O-Ring	24SR-207 Retainer Spring	H3R-31 Upper Washer	H3R-203 Rubber Bumper

Chipping Hammers

Model No.	Blows Per Minute	Stroke	Bore	Length	Weight	Rec'd Hose Size	Air Inlet	Avg. Air Consumption
MP-W1R MP-W1H	2500	1"	1-1/8"	15-7/8"	14.75 lbs.	1/2"	3/8"	28 cfm
MP-W2R MP-W2H	2300	2"	1-1/8"	16-3/8"	15.50 lbs.	1/2"	3/8"	28 cfm
MP-W3R MP-W3H	1725	3"	1-1/8"	18-1/4"	16.60 lbs.	1/2"	3/8"	29 cfm
MP-W4R MP-W4H	1480	4"	1-1/8"	19-1/4"	17.50 lbs.	1/2"	3/8"	29 cfm



Michigan Pneumatic Model MP-3000C-U

Core Knock-Out Tool

Designed to remove or rattle sand, shell cores or molds from castings. Equipped with anvil, retainer and mounting brackets.

300016 Mounting Bracket Complete

Blows Per Minute	1700	Length w/Retainer	14"
Stroke	3"	Weight w/Mount	21.75 lbs.
Bore	1-1/8"	Air Inlet Thread	3/8"



Michigan Pneumatic Model MP-MA1R - Round Model MP-MA1H - Hex

Chipping Hammer

You cannot afford to do overhead concrete repair work or chipping without one. Lightweight chipper for heavy-duty jobs. **Parts interchangeable with MasterPower or Black & Decker models.** Please specify hex or round shank.

Blows Per Minute	2800	Length w/ Retainer	11-7/8"
Stroke	1"	Weight w/ Retainer	12.5 lbs.
Bore	1-1/8"	Air Inlet Thread	3/8"

See pages 112-113 for chipping hammer accessories.

Bench Type Sand Rammers



MADE
U.S.A.
IN THE

Michigan Pneumatic Model MP-00G-NN Sand Rammer

Lightweight, streamlined design for better control and reduced operator fatigue. Hard, rapid hitting performance ideal for refractory sand work. Additional rubber butts available in 1-3/4" or 2-1/2" diameter.

Bore.....	11/16"	Length.....	11-3/4"
Stroke.....	2"	Weight.....	3.75 lbs.
Taper.....	S	Air Inlet Thread.....	3/8"
Blows Per Minute.....	1600	Butt Diameter.....	1-3/4" Rubber



MADE
U.S.A.
IN THE

Michigan Pneumatic Model MP-0B Sand Rammer

Lightweight, rugged construction delivers fast hitting performance. Lower operator fatigue. Additional rubber butts available in 1-3/4" to 3-1/4" diameter.

Bore.....	1"	Length.....	16-1/2"
Stroke.....	2"	Weight.....	6.65 lbs.
Taper.....	802	Air Inlet Thread.....	1/4"
Blows Per Minute.....	2500	Butt Diameter.....	2-1/2" Rubber



Nippon Pneumatic Model B-00A Sand Rammer

Improved sand rammer delivers fast, powerful blows with minimal shock. New throttle lever design provides greater ease of handling for ramming small and medium flasks on jobs molded on the bench. Ideal for the core room. Also used for light backfill tamping. Additional rubber butts available in 1-3/4" to 3-1/4" diameter.

Bore.....	3/4"	Length.....	14"
Stroke.....	2-3/8"	Weight.....	4.5 lbs.
Taper.....	S	Air Inlet Thread.....	3/8"
Blows Per Minute.....	1600	Butt Diameter.....	1-1/2" Steel



Nippon Pneumatic Model B-0A Sand Rammer

Improved sand rammer delivers fast, powerful blows for ramming small, medium and large flasks on the bench or floor. New throttle lever design provides greater ease of handling with reduced operator fatigue. Additional rubber butts available in 2-1/2" to 4" diameters.

Bore.....	7/8"	Length.....	13-9/16"
Stroke.....	2-3/4"	Weight.....	7 lbs.
Taper.....	M	Air Inlet Thread.....	3/8"
Blows Per Minute.....	750	Butt Diameter.....	2-1/2" Steel



Nippon Pneumatic Model B-1A Sand Rammer

Fast, hard hitting design to deliver maximum power for smooth, efficient work. Lightweight, improved construction provides ease of operation and control. Great for heavy tamping, ramming fire clay and ideal for furnace work. Additional rubber butts available in 2-1/2" to 4" diameters.

Bore.....	1"	Length.....	19-1/8"
Stroke.....	4-1/2"	Weight.....	12.5 lbs.
Taper.....	ML	Air Inlet Thread.....	3/8"
Blows Per Minute.....	850	Butt Diameter.....	2-1/2" Steel

Bench Type Sand Rammers



Michigan Pneumatic Model MP-BD2BA Sand Rammer

Most popular bench rammer manufactured. Power-to-weight ratio exceeds all others in its class. Identical to the original Master Power and Black & Decker tools. Additional rubber butts available in 2-1/2" or 3-1/4" diameter.

Bore.....	1"	Length.....	15-1/4"
Stroke.....	2-1/2"	Weight.....	7.125 lbs.
Taper.....	802	Air Inlet Thread.....	3/8"
Blows Per Minute.....	1725	Butt Diameter.....	2-1/2" Rubber



Michigan Pneumatic Model MP-BD1BA Sand Rammer

Ideal for use where more compacting force and reliability are a must. Manufactured using the highest quality steel and materials to ensure long life with minimal repairs. Additional rubber butts available in 2-1/2" or 3-1/4" diameter. Model MP-BD1BAFR with flat rod piston available.

Bore.....	1"	Length.....	20-1/4"
Stroke.....	4"	Weight.....	10 lbs.
Taper.....	802	Air Inlet Thread.....	3/8"
Blows Per Minute.....	1240	Butt Diameter.....	2-1/2" Rubber

Flat rod piston available



Michigan Pneumatic Model MP-130 Sand Rammer

Lightweight for compacting sand molds in foundries. Unique double-action seal protects the tool from dirt and other contaminants for longer tool life. Model MP-130FR with flat rod piston available. Additional rubber butts available in 1-3/4" or 3-1/4".

Bore.....	1"	Length.....	16-1/2"
Stroke.....	2-1/2"	Weight.....	8.5 lbs.
Taper.....	801	Air Inlet Thread.....	1/4"
Blows Per Minute.....	870	Butt Diameter.....	2-1/2" Rubber

Flat rod piston available



Michigan Pneumatic Model MP-140 Sand Rammer

Unique double-action seal protects the tool from dirt and other contaminants for longer tool life. Model MP-150 floor type tamper also available. Additional rubber butts available in 2-1/2" or 4".

Bore.....	1-1/8"	Length.....	20"
Stroke.....	4"	Weight.....	11.25 lbs.
Taper.....	801	Air Inlet Thread.....	1/4"
Blows Per Minute.....	730	Butt Diameter.....	3-1/4" Rubber



Michigan Pneumatic Model MP-B401MR Corner Rammer

Strong and lightweight with a single reciprocating piston and grip ring throttle. Delivers a rapid compacting action which effectively rams refractory material and sand in hard to reach areas.

202-802SP 2-1/2" Replacement Butt

Bore.....	1"	Length.....	19-1/4"
Stroke.....	9/16"	Weight.....	4.6 lbs.
Taper.....	802	Air Inlet Thread.....	3/8"
Blows Per Minute.....	8000	Butt Diameter.....	2-1/2" Rubber

See page 128 for sand rammer accessories.

Floor Type Tampers



Michigan Pneumatic Model MP-BD2BA-LR

Sand Rammer/Tamper

Popular rammer with power-to-weight ratio exceeding all others in its class. Identical to the original Master Power and Black & Decker tools. **Additional rubber butts available in 3-1/4" or 4" diameter.**



Bore.....	1"	Length.....	42-5/16"
Stroke.....	2-1/2"	Weight.....	16.25 lbs.
Taper.....	802	Air Inlet Thread.....	1/2"
Blows Per Minute.....	1725	Butt Diameter	2-1/2" Rubber

Michigan Pneumatic Model MP-BD1BA-LR

Sand Rammer/Tamper

Ideal for use where more compacting force and reliability are a must. Manufactured using the highest quality steel and materials to ensure long life with minimal repairs. **Additional rubber butts available in 3-1/4" or 4" diameter. Model MP-BD1BAFR-LR with flat rod piston available.**



Bore.....	1"	Length.....	41-3/8"
Stroke.....	4"	Weight.....	18.1 lbs.
Taper.....	802	Air Inlet Thread.....	1/2"
Blows Per Minute.....	1240	Butt Diameter	2-1/2" Rubber

Flat rod piston available

Michigan Pneumatic Model MP-241A1M

Sand Rammer/Tamper

Easy to hold from a standing position. Perfect for compacting large molds. **MP-241A1MFR with flat rod piston available.**



Bore.....	15/16"	Length.....	52-1/2"
Stroke.....	4"	Weight.....	26.0 lbs.
Taper.....	803	Air Inlet Thread.....	1/2"
Blows Per Minute.....	1590	Butt Diameter	3-1/4" Rubber

Flat rod piston available

Michigan Pneumatic Model MP-341A1M

Sand Rammer/Tamper

Favorite among municipal utility crews. Proven tool for backfilling around foundations. **Optional 3-1/2" steel butts available. Model MP-441 also available.**



Bore.....	1-5/8"	Length.....	52-3/4"
Stroke.....	4"	Weight.....	35.0 lbs.
Taper.....	T	Air Inlet Thread.....	1/2"
Blows Per Minute.....	1550	Butt Diameter.....	6" Steel

See page 128 for sand rammer accessories.

Floor Type Tampers



Nippon Pneumatic **Model F-1**

Sand Rammer/Tamper

Developed to bridge the gap between bench rammers and floor rammers. Ideal for compacting sand in molds that cannot be accessed with a bench style rammer. **Additional rubber butts available in 2-1/2" to 5" diameters.**

NPK



Bore.....	1"	Length.....	43-3/16"
Stroke.....	4-5/16"	Weight.....	15.00 lbs.
Taper.....	ML	Air Inlet Thread.....	1/2"
Blows Per Minute.....	850	Butt Diameter	2-1/2" Rubber

Nippon Pneumatic **Model F-2**

Sand Rammer/Tamper

Designed with a new automatic valve which eliminates unnecessary maintenance normally encountered with sand and dirt abrasion. Piston is plated for long life. Ideal for backfill tamping between foundations and other job site obstructions. **Additional rubber butts available in 2-1/2" to 5" diameters.**

NPK



Bore.....	1-1/4"	Length.....	44"
Stroke.....	4-23/32"	Weight.....	20.75 lbs.
Taper.....	L	Air Inlet Thread.....	1/2"
Blows Per Minute.....	700	Butt Diameter	2-3/4" Rubber

Nippon Pneumatic **Model F-4**

Sand Rammer/Tamper

Delivers rapid, powerful blows for heavy-duty tamping. Designed to compact soil around foundations and backfill in trenches. Chrome plated piston rod resists wear caused by dirt and sand abrasion. Piston rod packing and adjustments can be performed on the job without the need of special tools. **Additional rubber butts available in 3-1/4" to 5" diameters.**

NPK

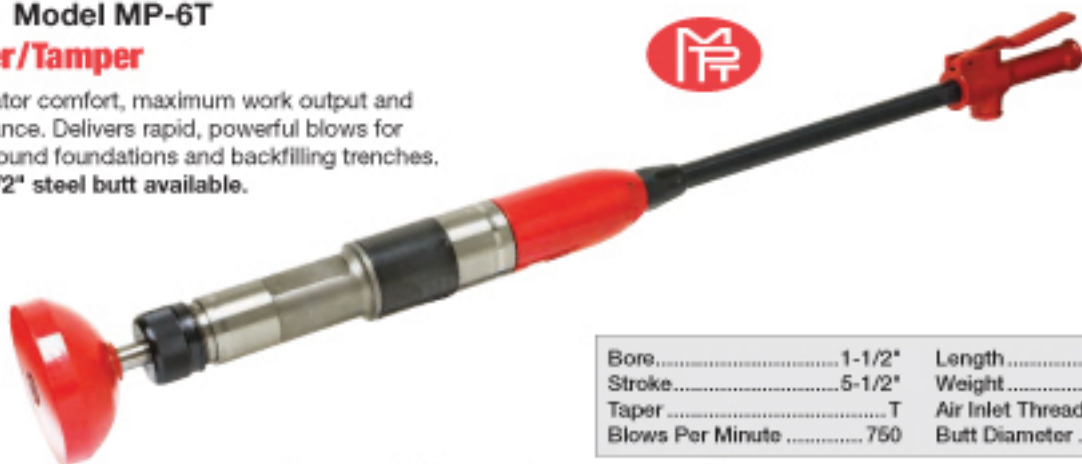


Bore.....	1-9/16"	Length.....	44"
Stroke.....	4-23/32"	Weight.....	26.50 lbs.
Taper.....	T	Air Inlet Thread.....	1/2"
Blows Per Minute.....	800	Butt Diameter.....	6" Steel

Michigan Pneumatic **Model MP-6T**

Sand Rammer/Tamper

Designed for operator comfort, maximum work output and minimum maintenance. Delivers rapid, powerful blows for compacting soil around foundations and backfilling trenches. **Pole butt and 3-1/2" steel butt available.**



Bore.....	1-1/2"	Length.....	49"
Stroke.....	5-1/2"	Weight.....	39.50 lbs.
Taper.....	T	Air Inlet Thread.....	1/2"
Blows Per Minute.....	750	Butt Diameter.....	6" Steel

See page 128 for sand rammer accessories.

Bench Rammer Accessories



Rubber Rammer Butts

Made of the finest neoprene to ensure uniformity of bonding. Highly resistant to oil and wear. Please specify tool model number and size of butt when ordering. Solid aluminum, steel and rectangular butts available.



Tool Model No.	Butt Model No.	Size
MP-00G-NN MP-20BA B-00A	F40010D700 201-S 202-S 203-S	1-1/2" 1-3/4" 2-1/2" 3-1/4"
MP-130 MP-140	201-801 202-801 203-801	1-3/4" 2-1/2" 3-1/4"
MP-150	202-801 203-801 204-801 205-801	2-1/2" 3-1/4" 4" 5"
MP-0B MP-BD2BA MP-BD2BA-LR MP-BD1BA MP-BD1BA-LR	202-802 203-802	2-1/2" 3-1/4"
MP-241A1M	203-803 204-803 205-803	3-1/4" 4" 5"

Tool Model No.	Butt Model No.	Size
MP-10BA B-0A F-0	201-M 202-M 203-M 204-M	1-3/4" 2-1/2" 3-1/4" 4"
MP-14 B-1A F-1 MP-114	202-ML 203-ML 204-ML	2-1/2" 3-1/4" 4"
MP-1F F-2	202-L 203-L 204-L 205-L	2-1/2" 3-1/4" 4" 5"
MP-F4 MP-6T F-4 MP-341A1M	203-T F54000D700 204-T 205-T	3-1/4" 3-7/16" 4" 5"

Steel Rammer Butts



Tool Model No.	Butt Model No.	Size	Bolt Part No.
MP-00G, MP-20BA & B-00A MP-10BA, B-0A & F-0 MP-14, B-1A & F-1	RG-01420 RG-03420 RG-04420	2-1/2"	-
MP-1F & F-2	RG-06420 F53A00D210	2-3/4"	-
MP-BD2BA, MP-BD2BA-LR, MP-BD1BA & MP-BD1BA-LR	TX-00202	2-1/2" w/bolt hole	TX-00203
MP-6T & MP-341A1M	73206 34SR-ST183 5.250-M-78	6" w/bolt hole 3-3/8" 5-1/4" U-Shape	34SR-85
MP-F4 & F-4	RG-07420 RG-07420-SP F54A00D210	6" 6" w/bolt hole 3-11/32"	34SR-85 -

6" Steel Butts

Fits: Thor 6T & 66T, IR 34 & 341, Jet 06 & APT-131 Backfill Tampers

Model 73206
6" Steel Butt



34SR-85 Bolt

Fits: MP-F4, MP-B66 and most backfill tampers (does not accommodate butt locking screw)

Model RG-07420
6" Steel Butt



Throttle Handles

Fits: MP-1F, MP-F4 & MP-114

Model 033
Throttle/Live
Handle



Fits: MP-1F, MP-F4 & MP-114

Model 24SR-A160
Throttle/Live
Handle



Fits: IR-341, IR-441, APT-131, Thor & CP

Model 241SR-A160-E
Large Volume
Throttle/Live
Handle



Fits: IR-341, IR-441, APT-131, Thor & CP

Model 241SR-A160-STEEL
Large Volume
Throttle/Live
Handle

