



# MICHIGAN PNEUMATIC TOOL

Industrial Air Tools

# MATERIAL REMOVAL

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# MATERIAL REMOVAL

**Right Angle Grinders**  
**Industrial Die Grinders**  
**Automotive Die Grinders**  
**Professional Series**  
**Straight Wheel Grinders**  
**Cone Wheel Grinders**  
**Vertical Grinders**  
**Water Grinders/Sanders**  
**Belt Sanders**



## MP-250L-ST

Wheel not included

3-1/4"



Wheel Size	4" Type 27
Spindle Thread	3/8"-24
Free Speed	12,000 rpm
Maximum HP	1.00
Length	9"
Weight	4.5 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	23 cfm

### 4" Angle Grinder - with Guard

Rugged lightweight angle grinder for many applications. Removes rust and paint quickly. Great for dressing up welds and grinding complex shapes. Features safety lever throttle and governor.

## NPK Nippon Pneumatic

Wheel not included

### NAG-1FLW

3-1/8"



Wheel Size	4" Type 27
Spindle Thread	5/8"-11
Free Speed	12,700 rpm
Maximum HP	1.00
Length	9-1/8"
Weight	3.25 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	24 cfm

### 4" Angle Grinder - with Guard

Small, rugged, versatile angle grinder will do a multitude of jobs with minimum operator fatigue. Heavy enough to remain stable, yet light enough to be maneuvered easily around complex shapes. Features safety lever throttle.

## MP-3040

Wheel not included

2-1/2"



Wheel Size	4"
Spindle Thread	3/8"-24
Free Speed	13,500 rpm
Maximum HP	0.7
Length	8"
Weight	3.125 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	26 cfm

### 4" Angle Grinder - with Guard

Rugged angle grinder, ideal for industrial applications including welding shops, foundries, fabrication plants, steel mills and shipyards.

## MP-3040-E4

Wheel not included

2-1/2"



Wheel Size	4"
Spindle Thread	3/8"-24
Free Speed	13,500 rpm
Maximum HP	0.7
Length	10"
Weight	3.5 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	26 cfm

### 4" Angle Grinder - with Guard

Extended angle grinder designed for cleaning, deburring, smoothing and blending. Ideal for foundries, shipyards and fabrication shops. Features adjustable side exhaust.



# RIGHT ANGLE GRINDERS

**MP-SG1025-384T1-XS**

**Shipyards Grinder**

Wheel not included

## 4" Right Angle Grinder - with Guard

Features side exhaust, spiral bevel gears and extra grease fittings. Heavy-duty angle grinder that is suitable for a wide range of material removal applications. The steel housing and high rpm make this tool tough enough for any industry.



Wheel Size	4" Type 1
Spindle Thread	3/8"-24
Free Speed	13,500 rpm
Maximum HP	0.8
Height	2-1/2"
Length	9-1/2"
Weight	3.3 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	30-35 cfm

**MP-9511AGF-C4**

**MP-9525DGF-C4**

**MP-9518DGR-C4**

**MP-9511AGF-384T7**

Wheel not included  
**MP-9511AGF-585T7**



1/4" Collet



1/4" Collet



1/4" Collet



4" Guard



5" Guard

## 9500 Series Grinder Family

Heavy duty steel constructed industrial grinders for the toughest applications. Ideal for foundry welding, petro chemical, deburring and finishing. Available in 90 degree angle and straight models. **Dead handle included with right angle grinders. MP-9511AGS Side exhaust models also available.**

	MP-9511AGF-C4	MP-9525DGF-C4	MP-9518DGR-C4	MP-9511AGF-384T7	MP-9511AGF-585T7
Wheel Size /Collet Type	1/4" Collet	1/4" Collet	1/4" Collet	4" Type 27 Wheel	5" Type 27 Wheel
Spindle Thread	-	-	-	3/8" - 24	5/8" - 11
Free Speed	11,500 rpm	25,000 rpm	18,000 rpm	11,500 rpm	11,500 rpm
Maximum HP	0.8	0.95	0.95	0.8	0.8
Exhaust	Front	Front	Rear	Front	Front
Height	3-1/4"	-	-	3-1/4"	3-1/4"
Length	7-1/2"	6-7/8"	7-3/8"	7-1/2"	7-1/2"
Weight	3.0 lbs	1.9 lbs	1.9 lbs	3.9 lbs	3.9 lbs
Air Inlet Thread	1/4"	1/4"	1/4"	1/4"	1/4"
Rec'd Hose Size	3/8"	3/8"	3/8"	3/8"	3/8"
Avg. Air Cons.	30-35 cfm	30-35 cfm	30-35 cfm	30-35 cfm	30-35 cfm



## MP-11650

Wheel not included

3-1/4"



Wheel Size	5"
Spindle Thread	5/8"-11
Free Speed	11,000 rpm
Maximum HP	0.90
Length	7-1/2"
Weight	5 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	1/2"
Avg. Air Cons.	21.5 cfm

### 5" Angle Grinder - with Guard

All steel housing with push back safety lever throttle. Used for grinding, deburring and blending. Features a wick lubrication system and spiral bevel gears. **Equipped with 5" guard, dead handle and adjustable side exhaust.**

## MP-4610-ST

Wheel not included

3-1/4"



Wheel Size	5" Type 27
Spindle Thread	5/8"-11
Free Speed	12,000 rpm
Maximum HP	1.10
Length	9-13/32"
Weight	4.4 lbs
Air Inlet Thread	3/8"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4 cfm

### 5" Angle Grinder - with Guard

Rear exhaust handle with comfort grip is designed to accept over hose for dust and noise control. Built to accept a variety of wheel thicknesses. Features a speed governor for safe use in heavy-duty applications.

## NPK Nippon Pneumatic NAG-11A-U5

Wheel not included

4-3/8"



Wheel Size	5"
Spindle Thread	5/8"-11
Free Speed	12,000 rpm
Maximum HP	0.87
Length	9-3/4"
Weight	5.1 lbs
Air Inlet Thread	3/8"
Rec'd Hose Size	3/8"
Avg. Air Cons.	28 cfm

### 5" Angle Grinder - with Guard

Change abrasive in seconds with integrated spindle locking mechanism. No more fumbling with multiple wrenches. Features a left or right dead handle, safety lever throttle, a composite handle and rear exhaust.

## MP-1954PS-ST

Wheel not included

3-3/4"



Wheel Size	4-1/2"
Spindle Thread	5/8"-11
Free Speed	12,000 rpm
Maximum HP	0.9
Length	9-13/32"
Weight	4.4 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4 cfm

### 5" Angle Grinder - with Guard

Lightweight, heavy-duty angle grinder with adjustable swivel guard and a reduced vibration dead handle. Change abrasives easier using the integrated spindle lock mechanism. Features rear exhaust. **Equipped with 5" guard.**

## MP-250L-ST58

Wheel not included

3-1/4"



Wheel Size	5"
Spindle Thread	5/8"-11
Free Speed	12,000 rpm
Maximum HP	1.00
Length	8.8"
Weight	4.2 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	6 cfm

### 5" Angle Grinder - with Guard

Durable right angle grinder used for grinding, deburring and blending. Rugged, lightweight angle grinder for many applications. Removes rust and paint quickly. Great for dressing up welds and grinding complex shapes. Features a safety lever throttle and a governor. **Equipped with 5" guard and dead handle.**

## NPK Nippon Pneumatic NAG-2ELW

Wheel not included

5-3/8"



Wheel Size	7"
Spindle Thread	5/8"-11
Free Speed	7,600 rpm
Maximum HP	1.75
Length	12-5/8"
Weight	9.5 lbs
Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"
Avg. Air Cons.	42 cfm

### 7" Angle Grinder - with Guard

Rugged, exceptionally powerful heavy-duty tool for steady production grinding. Maintains cutting speed under load. Removes metal quickly with less operator effort. **Available with cup wheel for grinding, wire brush or rubber pad for sanding.**

## NPK Nippon Pneumatic NAG-70ALW

Wheel not included

4-3/16"



Wheel Size	7"
Spindle Thread	5/8"-11
Free Speed	7,600 rpm
Maximum HP	1.30
Length	11-1/32"
Weight	6.8 lbs
Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"
Avg. Air Cons.	36 cfm

### 7" Angle Grinder - with Guard

Heavy-duty grinder designed for continuous service. Safety lever throttle allows operator to run full speed for metal removal or tease the throttle down for delicate work. Features a side exhaust. **Model NAG-70ALWSS with 5/8"-11 threaded spindle also available, allowing for the use of type 27 threaded hubs.**

## NPK Nippon Pneumatic NAG-230ELW

Wheel not included

5-3/8"



Wheel Size	9"
Spindle Thread	5/8"-11
Free Speed	5,500 rpm
Maximum HP	1.75
Length	12-5/8"
Weight	9.5 lbs
Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"
Avg. Air Cons.	42 cfm

### 9" Angle Grinder - with Guard

Powerful heavy-duty grinder designed to withstand the continuous service encountered in plants. Safety lever throttle allows operator to tease the throttle down for delicate work or run full speed for maximum metal removal.



# INDUSTRIAL DIE GRINDERS

## MP-9113-14



### 1/4" Die Grinder - Front Exhaust

Uses mounted stones, wire brushes or carbide burrs. Ideal for use in foundries, welding and fabrications shops, shipyards, rail car repair and many other industrial facilities.

#C-1023N Collet Nut  
 #C-1028-0.250 1/4" Collet Insert #C-1023A-0.250 1/4" Collet Chuck Assembly  
 #C-1028-0.375 3/8" Collet Insert #C-1023A-0.375 3/8" Collet Chuck Assembly

Model No.	Collet Size	Free Speed	Housing	Overall Length	Weight
MP-9113-14	1/4"	25,000 rpm	Steel	6-1/4"	2.25 lbs
MP-9113-38	3/8"		Steel		2.25 lbs
MP-9113A-14	1/4"		Aluminum		1.50 lbs
MP-9113A-38	3/8"		Aluminum		1.50 lbs

Maximum HP	0.9	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	24 cfm

## MP-9113E-14



### 1/4" Extended Die Grinder - Side Exhaust

Uses mounted stones, wire brushes or carbide burrs. Ideal for use in foundries, welding and fabrications shops, shipyards, rail car repair and many other industrial facilities. Extended spindle makes it easy to get inside of pipes.

#C-1023N Collet Nut  
 #C-1028-0.250 1/4" Collet Insert #C-1023A-0.250 1/4" Collet Chuck Assembly  
 #C-1028-0.375 3/8" Collet Insert #C-1023A-0.375 3/8" Collet Chuck Assembly

Model No.	Collet Size	Free Speed	Housing	Overall Length	Weight
MP-9113E-14	1/4"	25,000 rpm	Steel	11-1/4"	3.25 lbs
MP-9113E-38	3/8"		Steel		3.25 lbs
MP-9113AE-14	1/4"		Aluminum		2.75 lbs
MP-9113AE-38	3/8"		Aluminum		2.75 lbs

Maximum HP	0.9	Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"	Avg. Air Consumption	11.9 cfm

## MP-9111SG-C4



### 1/4" Die Grinder - Front Exhaust

Features variable speed with sensitive 2 step safety throttle lever. Heat-treated housing, ensuring long tool life. Smooth, quiet motor at high speeds reduces operator fatigue.

#00713S Collet Nut  
 #00716S 1/4" Collet Insert

Collet Size	1/4"
Free Speed	25,000 rpm
Maximum HP	0.6
Length	6-1/8"
Weight	1.85 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	17 cfm

## MP-4439-C4



### 1/4" Die Grinder - Rear Exhaust

Features one-piece hardened and chrome plated spindle for durability and long life. Ergonomically designed, three-bearing motor housing reduces vibration. Ideal for tool and die shops, tool rooms, foundries or wherever fast metal removal is required.

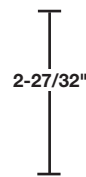
#C-1023N Collet Nut  
 #C-1028-0.250 1/4" Collet Insert

Collet Size	1/4"
Free Speed	23,000 rpm
Maximum HP	0.50
Length	7-3/16"
Weight	1.50 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	16 cfm





### MP-SM542



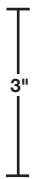
- #C-1073-0.250 1/4" Collet
- #52225 Collet Nut
- #TA98821-0 1" Support Pad
- #TA98822-0 1-1/2" Support Pad
- #5542 2" Support Pad
- #5540 3" Support Pad

### 1/4" Angle Die Grinder - Side Exhaust

Ultra compact grinder with a built-in silencer. Ideal for sanding and grinding intricate shapes in cramped areas. Adding the 2" support pad allows the use of 1", 1-1/2" and 2" paper discs in a variety of grits. Simple one touch twist lock speeds paper replacement.

Collet Size	1/4"
Free Speed	20,000 rpm
Maximum HP	0.30
Length	5-3/16"
Weight	1.1 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4 cfm

### MP-7252-ST



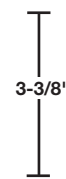
- #C-1073-0.125 1/8" Collet
- #C-1073-0.250 1/4" Collet
- #52225 Collet Nut
- #52227 Wrench (2)

### 1/4" Angle Die Grinder - Rear Exhaust

The silenced rear exhaust set this tool apart from the rest. Features top mounted air regulator, cushion grip and recessed safety lever throttle.

Collet Size	1/4"
Free Speed	20,000 rpm
Maximum HP	0.30
Length	6-1/2"
Weight	1.1 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4 cfm

### MP-7255-ST



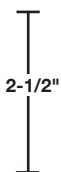
- #C-1073-0.125 1/8" Collet
- #C-1073-0.250 1/4" Collet
- #52225 Collet Nut
- #52227 Wrench (2)

### 1/4" Angle Die Grinder - Rear Exhaust

115 degree angle grinder features recessed safety lever throttle, cushion grip and top mounted air regulator. As well as silenced rear exhaust to reduce tool noise.

Collet Size	1/4"
Free Speed	20,000 rpm
Maximum HP	0.30
Length	7-3/4"
Weight	1.1 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4 cfm

### MP-3040-C



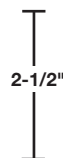
- #G-3729 1/4" Collet
- #GA-3998 Collet Nut
- #G-3327 Wrench
- #G-3858 Wrench

### 1/4" Angle Die Grinder - Side Exhaust

Industrial grinder excellent for die contouring, deburring and blending in hard to reach areas. Aluminum motor housing available.

Collet Size	1/4"
Free Speed	13,500 rpm
Maximum HP	0.7
Length	8"
Weight	2.75 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	10 cfm

### MP-3040E-C



- #GA-3729 1/4" Collet
- #GA-3998 Collet Nut
- #G-3327 Wrench
- #G-3858 Wrench

### 1/4" Extended Angle Die Grinder - Side Exhaust

Extended angle grinder used in die shops, shipyards, foundries and fabrication shops for hard to reach places. 1 HP motor. Aluminum motor housing available.

Collet Size	1/4"
Free Speed	13,500 rpm
Maximum HP	0.7
Length	10"
Weight	3.20 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	10 cfm

Carbide burrs not included



**MP-SM516**  
#560021 1/8" Collet



**MP-US3**  
#US302 1/8" Collet



**MP-US6**  
#US602 1/4" Collet

**Pencil Style Air Grinders** - Adjustable Throttle

Newly developed pencil grinders are compact, super lightweight and designed for operator efficiency. Fast and powerful for the toughest jobs. Will grind all materials with amazing speed and ease. Ideal for metal, plastic, wood and stone work.

- Uses include:
- Finishing metal patterns
  - Processing inner and outer surfaces
  - Sheet metal working
  - Treating after welding
  - Finishing precision parts

Model No.	Collet Size	Free Speed	Diameter	Length	Weight	Air Inlet Thread	Rec'd Hose Size	Avg. Air Cons.
<b>MP-SM516</b>	1/8"	56,000 rpm	0.63"	5-1/2"	0.25 lbs	1/4"	1/4"	1.5 cfm
<b>MP-US3</b>	1/8"	50000-60000 rpm	0.63"	5-1/4"	0.24 lbs	1/4"	3/8"	0.78 cfm
<b>MP-US6</b>	1/4"	30000-40000 rpm	0.90"	5-7/8"	0.60 lbs	1/4"	3/8"	1.10 cfm

# AUTOMOTIVE DIE GRINDERS

**MP-1151B-ST**



- #C-1073-0.250 1/4" Collet
- #C-1005N Collet Nut
- #51227 Wrench
- #51228 Wrench

**1/4" Die Grinder** - Rear Exhaust

Comfort cushioned die grinder perfect for delicate finishing work. Features recessed safety lever throttle and top mounted air regulator.

Collet Size	1/4"
Free Speed	20,000 rpm
Maximum HP	0.25
Length	7-3/8"
Weight	1.50 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4 cfm

**MP-2754-ST**



- #C-1073-0.125 1/8" Collet
- #C-1073-0.250 1/4" Collet
- #52225 Collet Nut
- #52227 Wrench (2)

**1/4" Extended Die Grinder** - Rear Exhaust

A top mounted air regulator and recessed safety throttle lever gives our extended grinder a leg up on the competition. Perfect for those hard to reach areas. Includes silenced exhaust.

Collet Size	1/4"
Free Speed	25,000 rpm
Maximum HP	0.30
Length	10"
Weight	1.5 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4 cfm

**MP-2753-ST**



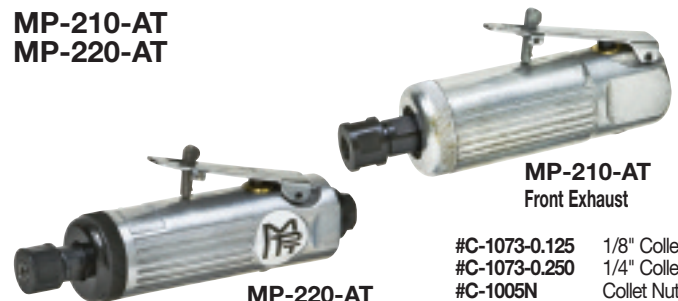
- #C-1073-0.125 1/8" Collet
- #C-1073-0.250 1/4" Collet
- #52225 Collet Nut
- #52227 Wrench (2)

**1/4" Die Grinder** - Rear Exhaust

The silenced rear exhaust set this tool apart from the rest. Features cushioned grip, top mounted air regulator and recessed safety lever throttle.

Collet Size	1/4"
Free Speed	25,000 rpm
Maximum HP	0.30
Length	6-1/4"
Weight	0.9 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4 cfm

**MP-210-AT  
MP-220-AT**



**MP-210-AT**  
Front Exhaust

**MP-220-AT**  
Rear Exhaust

- #C-1073-0.125 1/8" Collet
- #C-1073-0.250 1/4" Collet
- #C-1005N Collet Nut
- #220-30 Wrench
- #220-32 Wrench

**1/4" Die Grinders**

Small, lightweight grinders for automotive and industrial work. Quality motor provides power, accuracy and durability. Variable speed control for high speed or high torque.

Collet Size	1/4"
Free Speed	22,000 rpm
Maximum HP	0.5
Length (MP-210-AT)	5-1/2"
Length (MP-220-AT)	6-5/8"
Weight	1.25 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4 cfm



MP-SA5351-18



**NEW**  
100,000 rpm

**Precision Turbine Grinder**

High speed grinder designed for efficient metal removal or delicate finishing. Ideal for production work or cleaning castings such as turbine blades.

Collet Size	1/8"
Free Speed	100,000 rpm
Length w/ hose	62"
Maximum HP	0.6
Length	5-1/4"
Weight	0.8 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	1/4"
Avg. Air Cons.	1 cfm



**PROFESSIONAL SERIES**

**Professional Series Straight and Angle Die Grinders - Rear Exhaust**

Our Professional Series die grinders feature a hardened alloy steel cylinder and rotor to maintain power while ensuring longer tool life. The right angle die grinders contain a tough alloy steel pinion and bevel gear transmission design for operation that is both smooth and quiet. The motor housings are milled from solid aluminum bar stock for precision alignment.

Each tool comes with a 1/4" Erikson style collet and two collet wrenches. The Extended die grinders are available in 3-1/2", 5-1/2" and 7-1/2" steel spindle housings for those hard to reach areas. Extended die grinders come with precision needle bearings to ensure true running and long life.



**1/4" Straight Die Grinders**

Specifications	G25300	G25304B	G25306B	G25308B
Length of Extension	-	3-1/2"	5-1/2"	7-1/2"
Maximum HP	0.3	0.3	0.3	0.3
Exhaust	Rear	Rear	Rear	Rear
Free Speed	25,000 rpm	25,000 rpm	25,000 rpm	25,000 rpm
Collet Size	1/4"	1/4"	1/4"	1/4"
Height	1-5/16"	1-5/16"	1-5/16"	1-5/16"
Overall Length	5-5/8"	9-1/8"	11-1/8"	13-1/8"
Weight	0.82 lbs	1.30 lbs	1.50 lbs	1.70 lbs
Air Inlet Thread	1/4"	1/4"	1/4"	1/4"
Rec'd Hose Size	1/4"	1/4"	1/4"	1/4"
Avg. Air Cons.	10 cfm	10 cfm	10 cfm	10 cfm

- G25300, G25304
- G25306, G25308
- #25300-27 Collet
- #25300-29 Collet Nut
- #25300-28 Nose piece
- #25300-30 Wrench
- #25300-31 Wrench



G12390-BA

**Belt Sanders**

Specifications	G12390-BA	G20390-BA
Maximum HP	0.3	0.3
Free Speed	12,000 rpm	20,000 rpm
Belt Size	1/2" x 12"	1/2" x 12"
Length	10-3/8"	10-3/8"
Weight	1.5 lbs	1.5 lbs
Air Inlet Thread	1/4"	1/4"
Rec'd Hose Size	1/4"	1/4"
Avg. Air Cons.	8 cfm	10 cfm



G12390  
12,000 rpm

G20390  
20,000 rpm

- G12390, G20390
- #0390-33 Collet
- #0390-35 Collet Nut
- #0390-34 Nose piece
- #0390-36 Wrench
- #0390-37 Wrench

**1/4" Right Angle Die Grinders**

Specifications	G12390	G20390
Maximum HP	0.3	0.3
Exhaust	Rear	Rear
Free Speed	12,000 rpm	20,000 rpm
Collet Size	1/4"	1/4"
Height	2-13/16"	2-13/16"
Overall Length	5-3/4"	5-3/4"
Weight	1.12 lbs	1.12 lbs
Air Inlet Thread	1/4"	1/4"
Rec'd Hose Size	1/4"	1/4"
Avg. Air Cons.	8 cfm	10 cfm





# STRAIGHT WHEEL GRINDERS

**NPK** Nippon Pneumatic

Wheel not included

**NHG-100ALW** - Safety Lever Throttle  
**NHG-100A** - Safety Roll Throttle



## 4" Straight Grinder - with Guard

High speed straight grinder designed for continuous production work in grinding, wire brushing and polishing. Powerful, with a quick acting throttle to provide balanced, easy handling for efficient metal removal. For all industrial applications in foundries and shipyards.

Wheel Size	4" x 3/4"
Spindle Thread	1/2"-13
Free Speed	9,500 rpm
Maximum HP	1.00
Length <b>100ALW</b>	16-3/16"
Length <b>100A</b>	14-5/16"
Weight	5.25 lbs
Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"
Avg. Air Cons.	23 cfm

**NPK** Nippon Pneumatic

Wheel not included

**NHG-150LW** - Safety Lever Throttle  
**NHG-150** - Safety Roll Throttle



## 6" Straight Grinder - with Guard

Powerful grinder for use with resinoid wheels. Designed to be lightweight for easier handling and powerful for the heaviest work. Speed regulator provides constant speed according to wheel diameter. Perfect for all industrial applications.

Wheel Size	6" x 1"
Spindle Thread	5/8"-11
Free Speed	6,200 rpm
Maximum HP	2.00
Length <b>150LW</b>	19-1/8"
Length <b>150</b>	17-3/16"
Weight	10.1 lbs
Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"
Avg. Air Cons.	39 cfm

**MP-5666HS**

Wheel not included



## 6" Straight Grinder - with Guard

Heavy-duty grinder for cleaning castings, smoothing, finishing, snagging welds, removing scale, rust and weld splatter. Used for a variety of applications in fabrication shops, refineries, foundries, shipyards and steel mills. Features a high force, corrosion resistant governor to retain optimum grinding efficiency. **8" horizontal grinder also available.**

Wheel Size	6" x 1"
Spindle Thread	5/8"-11
Free Speed	6,000 rpm
Maximum HP	3.00
Length	20-1/8"
Weight	10.5 lbs
Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"
Avg. Air Cons.	48 cfm

**MP-6648HS**

Wheel not included



## 8" Straight Grinder - with Guard

Heavy-duty grinder for cleaning castings, smoothing, finishing, snagging welds, removing scale, rust and weld splatter. Used for a variety of applications in fabrication shops, refineries, foundries, shipyards and steel mills. Features an aircraft grade aluminum housing. **6" horizontal grinder also available.**

Wheel Size	8" x 1"
Spindle Thread	5/8"-11
Free Speed	4,500 rpm
Maximum HP	4.00
Length	20-7/8"
Weight	12.5 lbs
Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"
Avg. Air Cons.	62 cfm





# CONE WHEEL GRINDERS

**MP-2511**

Cone wheel not included



## 5/8"-11 Cone Wheel Grinder

Super duty industrial cone wheel/plug wheel grinder. Features two step safety lever, double row bearing on the front of the spindle for excessive side load, 5/8" threaded spindle for larger wheels and bronze endplates for a long life air motor. Ideal for grinding large castings and forging where uptime is important.

Wheel Size	Cone
Spindle Thread	5/8"-11
Free Speed	12,000 rpm
Maximum HP	1.50
Length	18"
Weight	6.75 lbs
Air Inlet Thread	1/2"
Rec'd Hose Size	3/8"
Avg. Air Cons.	32 cfm

**MP-1514SG-383CW**

Cone wheel not included



## 3/8"-24 Cone Wheel Grinder

Manufactured with a steel housing for long life in foundries. Features two step safety mechanism, rotating exhaust deflector and hardened 3/8" fine thread spindle. Designed for the toughest of applications.

**Also available with collet and 4" Type 1 wheel. 9K 12K and 18K RPM**

Wheel Size	2" Cone or Plug
Spindle Thread	3/8"-24
Free Speed	14,000 rpm
Maximum HP	1.5
Length	14-3/8"
Weight	3.5 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	19-21 cfm

**MP-1012-CWHL**

Cone wheel not included



## 3/8"-24 Cone Wheel Grinder

Small, lightweight easy to handle grinder. Designed for production grinding of small concave surfaces, especially in close quarters. Ideally used with small cone wheels.

Wheel Size	Cone
Spindle Thread	3/8"-24
Free Speed	12,000 rpm
Maximum HP	1.00
Length	11-1/2"
Weight	3.80 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	20 cfm

**MP-1012**

Wheel not included



## 3/8"-24 Straight Wheel Grinder

Ideal for grinding projects where a lightweight and compact tool are important. Great for production grinding of small concave surfaces, deep crevices and pockets.

Wheel Size	3"x1/2"
Spindle Thread	3/8"-24
Free Speed	12,000 rpm
Maximum HP	1.00
Length	11-1/2"
Weight	4.40 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	20 cfm



# VERTICAL GRINDERS

**MP-B3199CLW-6**

Wheel not included



2HP

## 7" Vertical Grinder - with Guard

Best suited for grinding and sanding flat surfaces. Ideal for metal finishing, cleaning and grinding castings, and smoothing welds. Designed for Heavy-duty use. Features safety lever throttle.

Wheel Capacity	7"
Spindle Thread	5/8"-11
Free Speed	6,000 rpm
Maximum HP	2.00
Height	7-3/8"
Weight	8.5 lbs
Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"
Avg. Air Cons.	39 cfm

**MP-5667VS-ORANGE**

Wheel not included



3HP

## 7" Vertical Grinder - with Guard

Designed for use with quick change Type 27 threaded hub wheels. Features hardened steel motor parts and high force corrosion-resistant governor. Ideal for heavy-duty grinding, smoothing, finishing, or for cleaning castings and masonry work.

Wheel Capacity	7"
Spindle Thread	5/8"-11
Free Speed	6,000 rpm
Maximum HP	3.00
Height	7-5/8"
Weight	9.45 lbs
Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"
Avg. Air Cons.	45 cfm

**Other 3HP Models Available:**

**9" MP-5669VS-ORANGE, & 6" Cup Wheel Guard MP-5666VSC-ORANGE**

**MP-6669VS-ORANGE**

Wheel not included



4HP

## 9" Vertical Grinder - with Guard

Designed for use with quick change Type 27 threaded hub wheels. Ideal for heavy-duty grinding or smoothing finishing, removing scale, rust and weld splatter, cleaning castings and masonry work. Features safety lever, hardened steel motor parts and corrosion-resistant governor.

Wheel Capacity	9"
Spindle Thread	5/8"-11
Free Speed	6,000 rpm
Maximum HP	4.00
Height	7-5/8"
Weight	9.4 lbs
Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"
Avg. Air Cons.	40 cfm

**Other 4HP Models Available: 7" MP-6667VS-ORANGE, & 6" Cup Wheel MP-6666VSC-ORANGE**

**MP-6666VSC-ORANGE**

Wheel not included



4HP

## 6" Cup Wheel Grinder - with 6" Cup Wheel Guard

Features a high force, corrosion resistant governor to maintain optimum grinding efficiency. Hardened steel motor parts for heavy-duty use. Designed for grinding, smoothing, finishing, or for cleaning castings and masonry work. Ideal for a variety of applications in fabrication shops, refineries, shipyards, steel mills and construction sites.

Wheel Capacity	6" Cup
Spindle Thread	5/8"-11
Free Speed	6,000 rpm
Maximum HP	4.00
Height	8-1/16"
Weight	11.6 lbs
Air Inlet Thread	1/2"
Rec'd Hose Size	1/2"
Avg. Air Cons.	45 cfm

**Other 4HP Models Available: 7" MP-6667VS-ORANGE, & 9" MP-6669VS-ORANGE**

# WATER GRINDERS / SANDERS

## MP-2FA-WATER

Wheel not included



## NAG-230ELW-WATER

### 7" & 9" Extra Heavy-Duty Water Feed Grinder/Sander - with Guard

Rugged, powerful, heavy-duty tool for steady production stone grinding. Maintains cutting speed under load. Removes material fast with less operator effort. **Equipped with dead handle, guard and 6 ft. hose with standard water faucet connector.**

	MP-2FA-WATER	NAG-230ELW-WATER
Wheel Capacity	7"	9"
Free Speed	7,100 rpm	5,500 rpm
Spindle Thread	5/8"-11	5/8"-11
Maximum HP	1.75	1.75
Length	12-5/8"	12-5/8"
Weight	10.25 lbs	10.25 lbs
Air Inlet Thread	3/8"	3/8"
Rec'd Hose Size	1/2"	1/2"
Avg. Air Cons.	42.0 cfm	42.0 cfm

## MP-1165-WATER

Wheel not included

### 5" Water Feed Grinder

- with Guard

## MP-7170-WATER

### 7" Water Feed Grinder

- with Guard

## MP-3760-WATER

### 7" Water Feed Sander

Quality beveled gears, ball bearing construction and powerful motor offer unmatched performance for the toughest sanding/grinding jobs. Lightweight aluminum housing to reduce operator fatigue.

	MP-1165-WATER	MP-7170-WATER	MP-3760-WATER
Wheel Capacity	5"	7"	7"
Free Speed	11,000 rpm	6,000 rpm	4,500 rpm
Spindle Thread	5/8"-11	5/8"-11	5/8"-11
Height	4-1/4"	4-1/4"	4"
Length	7-1/2"	13-1/2"	12-3/4"
Weight	4.25 lbs	8.75 lbs	5.50 lbs
Air Inlet Thread	1/4"	1/4"	1/4"
Rec'd Hose Size	3/8"	1/2"	1/2"
Avg. Air Consumption	22 cfm	19 cfm	19 cfm

# BELT SANDERS

## MP-10BSL-ST

### 3/8" Belt Sander

Small lightweight belt sander. Goes deep into hard to reach places, corners and spherical surfaces. Ideal for all materials, eliminates filing.



Belt Size	3/8" x 13"
Free Speed	20,000 rpm
Height	2"
Maximum HP	0.4
Length (max.)	13"
Weight	1.8 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4.2 cfm

## MP-20CSL-ST

### 3/4" Belt Sander

Small and lightweight for sanding all materials with amazing speed and ease. No surface escapes its all-surface capability. Levels and contours, even in corners. Adjustable handle rotates 360°. Change belts in seconds.



Belt Size	3/4" x 20-1/2"
Free Speed	18,000 rpm
Height	2-23/64"
Maximum HP	0.6
Length (max.)	16"
Weight	3.5 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4.2 cfm

## Model MP-30S-ST

### 1-3/16" Belt Sander

The most efficient adjustable belt sander ever developed. With a new silent motor sands all materials with speed and ease. Levels and contours, even in corners. Maximum efficiency without operator fatigue.



Belt Size	1-3/16" x 21"
Free Speed	12,000 rpm
Height	4-1/8"
Maximum HP	0.7
Length (max.)	19-1/4"
Weight	4.9 lbs
Air Inlet Thread	3/8"
Rec'd Hose Size	1/2"
Avg. Air Cons.	24 cfm

## Model MP-5061-ST

### 1/2" Versatile Belt Sander

Includes 1/2" wide x 24" long abrasive belts, in 60, 80, and 120 grit. Includes idler arm for a 1/4" wide by 24" long belts. 1/4" belts ordered separately. Ideal for finishing of castings and forgings.



Belt Size	W 1/2" x L 24"
	W 1/4" x L 24"
Free Speed	20,000 rpm
Length	15-3/4"
Weight	3.0 lbs
Air Inlet Thread	1/4"
Rec'd Hose Size	3/8"
Avg. Air Cons.	4.2 cfm



# 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

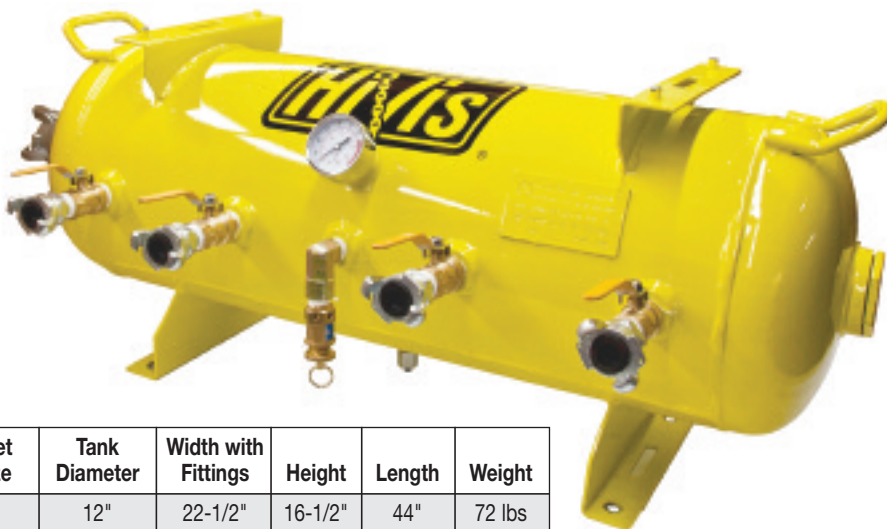
Our HiVis Twin-PAK allows two operators to run tools simultaneously from one air supply. Portable, stackable and compact, it is designed to deliver clean, dry, lubricated air. 100% of visible moisture is removed and automatically purged by the integral S7F water filter which is virtually maintenance 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**



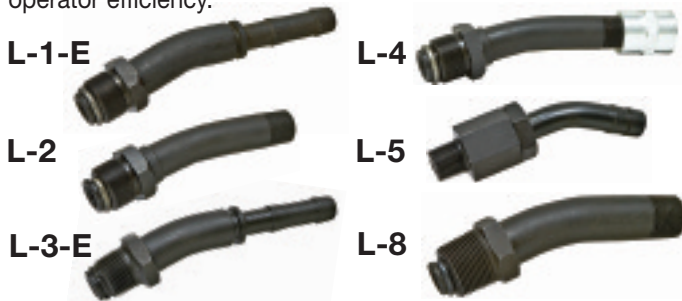
**3HW-HYD-F**

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"



# MORE THAN JUST AN AIR TOOL COMPANY



Rebuilt Pneumatic Tools



Industrial Air Tools



Supplemental Tool Catalog



Chipping Hammer & Rivet Busters



Heavy Duty Industrial Impact Wrenches



Winches & Material Handling



Compressed Air Pipe Systems



9500 Series Grinder



Construction



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