

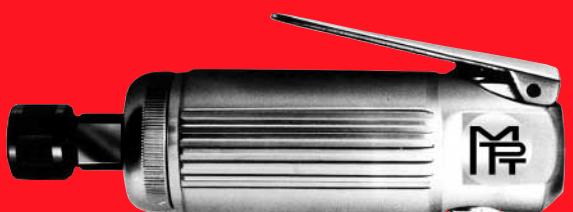


## Michigan Pneumatic Model MP-1775-ST Rear Exhaust Die Grinder

1/4" die grinder features a full bearing support air motor. Equipped with lever throttle for variable speed control. New rear exhaust directs air away from work area.

**C-1073-0.125** 1/8" Collet      **C-1073-0.250** 1/4" Collet

Collet Size .....	1/4"	Length .....	5-1/2"
Free Speed .....	25000 rpm	Weight .....	14 oz.
Diameter .....	1-1/4"	Air Inlet Thread .....	1/8"
Rec'd Hose Size .....	1/4"	Avg. Air Consumption:	3 cfm

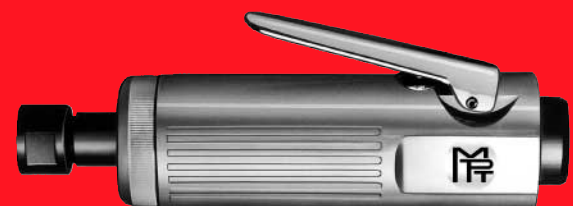


## Michigan Pneumatic Model MP-210-A Front Exhaust Die Grinder

Small, lightweight grinder is rugged for automotive and industrial work. Quality motor provides power, accuracy and durability. Front exhaust keeps work area clean. Variable speed control for high speed or high torque.

**C-1073-0.125** 1/8" Collet      **C-1073-0.250** 1/4" Collet

Collet Size .....	1/4"	Length .....	5-1/2"
Free Speed .....	23000 rpm	Weight .....	1.25 lbs.
Diameter .....	1-1/4"	Air Inlet Thread .....	1/4"
Rec'd Hose Size .....	1/4"	Avg. Air Consumption:	4 cfm

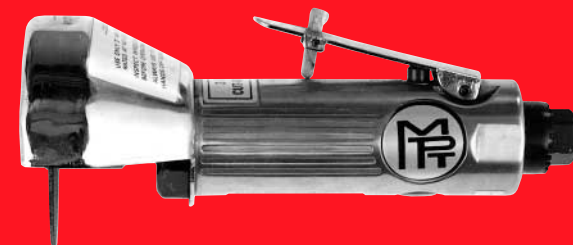


## Michigan Pneumatic Model MP-220-A Rear Exhaust Die Grinder

Powerful die grinder is ideal for rapid metal removal or precise finishing. Rear exhaust directs air away from work area and provides longer tool life.

**C-1073-0.125** 1/8" Collet      **C-1073-0.250** 1/4" Collet

Collet Size .....	1/4"	Length .....	5-3/4"
Free Speed .....	23000 rpm	Weight .....	1.25 lbs.
Diameter .....	1-1/4"	Air Inlet Thread .....	1/4"
Rec'd Hose Size .....	1/4"	Avg. Air Consumption:	4 cfm

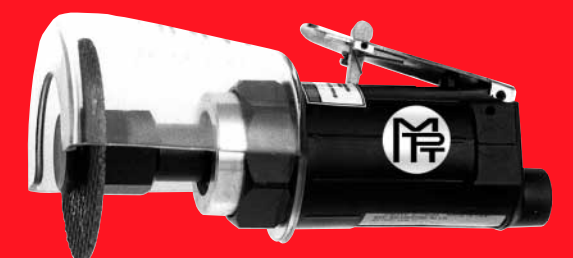


## Michigan Pneumatic Model MP-210-CUT Utility Cut-Off Tool

Very versatile tool features a metal guard and an OSHA approved safety lever throttle. Cuts through bolts, shackles and steel rods up to 3/4" diameter. Rips through sheet metal with ease. Ideal for auto body and muffler repairs.

**122060** Package of 6 Replacement Wheels

Capacity .....	3" Disc	Weight .....	1.75 lbs.
Free Speed .....	20000 rpm	Air Inlet Thread .....	1/4"
Length .....	7-3/4"	Avg. Air Consumption:	5 cfm



## Michigan Pneumatic Model MP-3801A-F Utility Cut-Off Tool

Heavy-duty shear and grinder in one. Cuts through muffler clamps, hangers, sheet metal and steel rods up to 3/4" thick with ease. Great for auto body repairs. **IMPORT MODEL MP-3801-ST available. Model MP-3751 1/4" die grinder also available.**

**122060** Package of 6 Replacement Wheels

Capacity .....	3" Disc	Weight .....	1.75 lbs.
Free Speed .....	20000 rpm	Air Inlet Thread .....	1/4"
Length .....	7"	Avg. Air Consumption:	4 cfm

See pages 49-51 & 60-61 for grinder accessories.



## High Speed Pencil Style Midget Air Grinders

with Adjustable Throttle

Newly developed pencil grinders are compact, super lightweight and designed to provide greater operator efficiency. Unusually powerful for the toughest jobs. Will grind all materials with amazing speed and ease. **Ideal for metal, plastic, wood and stone works. Not equipped with carbide burs as shown.**



**MP-US3**  
Replacement Part  
**US302** 1/8" Collet

Perfect for:

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



**MP-US6**  
Replacement Parts  
**US602** 1/4" Collet  
**US602-6mm** 6mm Collet



**MP-US6B**  
Replacement Parts  
**US602** 1/4" Collet  
**US602-6mm** 6mm Collet

Model No.	Collet Size	Free Speed	Diameter	Length	Weight	Avg. Air Consumption
MP-US3	1/8"	50000-60000 rpm	0.63"	5.3"	0.24 lbs.	0.78 cfm
MP-US6	1/4"	30000-40000 rpm	0.9"	5.9"	0.6 lbs.	1.1 cfm
MP-US6B	1/4"	20000-30000 rpm	1.14"	6.3"	0.88 lbs.	1.4 cfm

### Nitto Kohki Model L-25B Mini Die Grinder

High speed, lightweight mini die grinder is ideal for precision grinding, deburring, shaping and finishing wood, glass and plastics. New rear exhaust grinder is equipped with a silenced exhaust hose for quiet and clean operation. Perfect for all craftsmen. **Standard accessories include 1/8" collet adapter, grinding stones and 7 ft. whip hose.**



Collet Size ..... 1/4"      Length ..... 5-1/2"  
Free Speed ..... 25000 rpm      Weight ..... 1.3 lbs.  
Maximum HP ..... 0.32      Air Inlet Thread ..... 1/4"  
Rec'd Hose Size ..... 1/4"      Avg. Air Consumption: 14.1 cfm

### Nitto Kohki Model L-35C Mini Die Grinder

Mini lightweight, high speed, powerful die grinder is ideal for grinding in confined areas. New silenced rear exhaust system allows for quiet and clean operation. Equipped with exhaust hose to reduce noise and dust diffusion. Perfect for all craftsmen. **Standard accessories include 1/8" collet adapter, grinding stones and 7 ft. whip hose.**



Collet Size ..... 1/4"      Length ..... 7"  
Free Speed ..... 35000 rpm      Weight ..... 1 lbs.  
Maximum HP ..... 0.35      Air Inlet Thread ..... 1/4"  
Rec'd Hose Size ..... 1/4"      Avg. Air Consumption: 12.4 cfm

See pages 49-51 for grinder accessories.



G-53801 Collet Body  
 G-53802 Collet Nut  
 G-53850-0.125 1/8" Collet  
 G-53850-0.250 1/4" Collet

## Michigan Pneumatic Model MP-000-1 Die Grinder

Powerful, high speed baby grinder specially designed to drive carbide burrs and rotary files for effective metal removal or delicate finishing. Ideal for production work and cleaning castings in confined areas. Lever throttle permits varying speed for greater versatility. **Parts are interchangeable with Ingersoll-Rand 00 grinder.**

Collet Size .....	1/4"	Length .....	7"
Free Speed .....	20000 rpm	Weight .....	1.625 lbs.
Spindle Thread .....	3/8"-24	Air Inlet Thread .....	1/4"
Maximum HP .....	0.7	Avg. Air Consumption:	15.9 cfm



C-1002A 1/4" Collet Assy.  
 C-1025-0.125 1/8" Collet  
 C-1025-0.250 1/4" Collet  
 C-1002N Collet Nut

## Michigan Pneumatic Model MP-70000 - Button Throttle Die Grinders

High speed die grinders for rapid metal removal or precise finishing. Versatile for driving carbide burrs or mounted points. Rugged, compact and lightweight for easy handling. Built-in regulator. **Parts are interchangeable with ARO 0-series short grinders. Lever throttle model also available.**

Collet Size .....	1/4"	Length .....	6-1/2"
Free Speed .....	18000 rpm	Weight .....	1.4 lbs.
Spindle Thread .....	3/8"-24	Air Inlet Thread .....	1/4"
Maximum HP .....	0.55	Avg. Air Consumption:	14 cfm

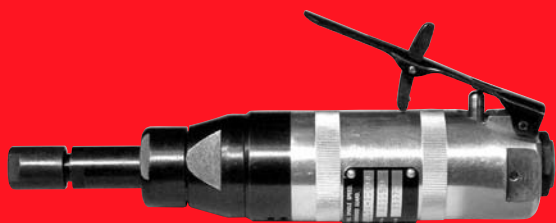


C-1002A 1/4" Collet Assy.  
 C-1025-0.125 1/8" Collet  
 C-1025-0.250 1/4" Collet  
 C-1002N Collet Nut

## Michigan Pneumatic Model MP-22000 - Button Throttle Die Grinders

Powerful die grinders designed for continuous service in industrial plants. Ideal for delicate finishing of aluminum, brass and plastic. **Parts are interchangeable with ARO 22-series short grinders. Button throttle model also available.**

Collet Size .....	1/4"	Length .....	7-3/4"
Free Speed .....	18000 rpm	Weight .....	1.9 lbs.
Spindle Thread .....	3/8"-24	Air Inlet Thread .....	1/4"
Maximum HP .....	0.7	Avg. Air Consumption:	15.9 cfm



## Thor Model 2GL04 Die Grinder

An industrial icon, manufactured with 4 ball bearings to offer smooth operation and longevity.

Collet Size .....	1/4"	Length .....	7-3/4"
Free Speed .....	20000 rpm	Weight .....	1.65 lbs.
Spindle Thread .....	3/8"-24	Air Inlet Thread .....	1/4"
Maximum HP .....	0.33	Avg. Air Consumption:	14 cfm



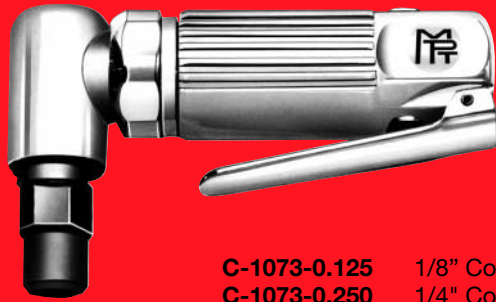
## Michigan Pneumatic Model MP-3040-C Angle Die Grinder

Industrial grinder excellent for die contouring, deburring and blending in hard to reach areas. **Model MP-3040A-C with aluminum housing and MP-3040-EC extended die grinder also available.**

Collet Size .....	1/4"	Length .....	8"
Free Speed .....	13500 rpm	Weight .....	2.75 lbs.
Angle Height .....	2-1/2"	Air Inlet Thread .....	1/4"
Maximum HP .....	1.00	Avg. Air Consumption:	11.9 cfm

See pages 49-51 for grinder accessories.

# Angle Die Grinders



C-1073-0.125 1/8" Collet  
C-1073-0.250 1/4" Collet  
731290 Collet Nut

## Michigan Pneumatic Model MP-AG-21 Angle Die Grinder

Powerful right angle grinder is designed to get into hard to reach areas where straight types are not accessible. Ideal for use with pressure sensitive discs, mounted points and rotary files for automotive body work. Front exhaust design keeps work area clean. Lightweight for easy handling.

Collet Size .....	1/4"	Angle Height .....	2-7/8"
Free Speed .....	20000 rpm	Length .....	4-7/8"
Diameter .....	1-1/4"	Weight .....	1 lb.
Maximum HP .....	0.5	Avg. Air Consumption:	3 cfm



C-1073-0.125 1/8" Collet  
C-1073-0.250 1/4" Collet  
731290 Collet Nut

## Michigan Pneumatic Model MP-2775-ST Angle Die Grinder

Rear exhaust die grinder features full bearing angle head construction. New rear exhaust directs air away from work area. Ideal for general purpose grinding in hard to reach areas. Uses pressure sensitive discs and mounted points for automotive body work. Equipped with independent power regulator and variable speed control.

Collet Size .....	1/4"	Angle Height .....	2-7/8"
Free Speed .....	22000 rpm	Length .....	5-1/2"
Diameter .....	1-1/4"	Weight .....	1 lb.
Maximum HP .....	0.4	Avg. Air Consumption:	3 cfm



TP10742 Collet Nut  
TA98821-0 1" Support Pad  
TA98822-0 1-1/2" Support Pad  
5542 2" Support Pad  
5540 3" Support Pad

## Nitto Kohki Model MAS-20B Angle Sander/Grinder

Ultra compact sander/grinder with a built-in silencer. Ideal for sanding and grinding intricate shapes in cramped areas. Simple one touch twist lock speeds paper replacement. Uses 1", 1-1/2" and 2" paper discs in a variety of grits. **Simple removal of the 2" support pad converts this high efficiency sander to a powerful grinder that accepts 1/4" shafted grinding stones or burrs.**

Collet Size .....	1/4"	Angle Height .....	2.85"
Disc Size .....	2"	Length .....	5"
Free Speed .....	20000 rpm	Weight .....	1.1 lbs.
Maximum HP .....	0.24	Avg. Air Consumption:	14 cfm



C-1083A 1/4" Collet Assy.  
C-1001N Collet Nut

## Nitto Kohki Model MINI-S-COLLET Angle Die Grinder

Lightweight grinder packs the performance for heavy-duty die grinding. Ideal for all industrial and automotive applications. Great for use with mounted points, carbide burrs and rotary files. **Model MINI-S with 4" disc wheel guard also available.**

Collet Size .....	1/4"	Angle Height .....	3-3/4"
Free Speed .....	12000 rpm	Length .....	7-1/2"
Spindle Thread .....	3/8"-24	Weight .....	2 lbs.
Maximum HP .....	0.7	Avg. Air Consumption:	9 cfm



C-1001A 1/4" Collet Assy.  
C-1001N Collet Nut

## Michigan Pneumatic Model MP-1FB-COLLET Angle Die Grinder

Rugged, powerful right angle grinder designed to get into hard to reach areas. Durable angle head with high quality gearing allows for heavy-duty grinding operations. Ideal for use with carbide burrs and rotary files. **Features OSHA approved self-locking safety lever throttle. Model MP-1FB with 4" wheel guard also available.**

Collet Size .....	1/4"	Angle Height .....	4-1/4"
Free Speed .....	12700 rpm	Length .....	9-1/2"
Spindle Thread .....	3/8"-24	Weight .....	3 lbs.
Maximum HP .....	1.00	Avg. Air Consumption:	16 cfm

See pages 49-51 for grinder accessories.



**DG10-700-G4** Collet, 1/4" (DG10)  
**DG20-700-G4** Collet, 1/4" (DG20)

## Michigan Pneumatic

### Standard Arbor Die Grinders

**DG Series** for metal removal and precision die grinding. Features include: Standard and extended arbor models, safety-lock lever throttle, rear exhaust, lower sound level, one-piece collet, collet and threaded spindle models, high power to weight ratio, efficient and longer lasting, and an all steel housing with cushioning sleeve. **Uses Ingersoll-Rand "New Generation" die grinder parts.**

Model No.	Collet Size	Free Speed	Max. HP	Overall Length	Weight
DG10G4	1/4"	40000 rpm	0.33	6-3/16"	1 lb.
DG20G4	1/4"	30000 rpm	0.66	7-3/4"	2 lbs.
DG20L6	3/8"-24 thrd.	30000 rpm	0.66	7-3/4"	2 lbs.



**DG10-700-G4** Collet, 1/4" (EG10)  
**DG20-700-G4** Collet, 1/4" (EG20)

## Michigan Pneumatic

### Extended Arbor Die Grinders

**EG Series** for finishing and polishing applications, metal removal and precision die grinding. Features include: OSHA approved, extended arbor models for greater versatility, safety-lock lever throttle, rear exhaust, lower sound level, one-piece collet, collet and threaded spindle models, unusually high power and speed, and an all steel housing with cushioning sleeve. **Uses Ingersoll-Rand "New Generation" die grinder parts.**

Model No.	Collet Size	Free Speed	Max. HP	Overall Length	Weight
EG10G4	1/4"	40000 rpm	0.33	9-11/16"	1.5 lbs.
EG20G4	1/4"	30000 rpm	0.66	12-3/4"	2.5 lbs.
EG20L6	3/8"-24 thrd.	30000 rpm	0.66	12-3/4"	2.5 lbs.



**C-1028-0.250** Collet Insert, 1/4"  
**C-1028-0.375** Collet Insert, 3/8"  
**C-1023A-0.250** Collet Chuck Assembly, 1/4"  
**C-1023A-0.375** Collet Chuck Assembly, 3/8"

## Michigan Pneumatic

### Standard Arbor Die Grinders

Uses mounted stones, wire brushes or carbide burs. Ideal for use in foundries, welding and fabrications shops, shipyards, rail car repair and many other industrial facilities. **Available with steel or aluminum housing.**

Model No.	Collet Size	Free Speed	Overall Length	Weight
MP-9113-1/4	1/4"	25000 rpm	6-1/4"	2.25 lbs.
MP-9113-3/8	3/8"	25000 rpm	6-1/4"	2.25 lbs.
MP-9113A-1/4*	1/4"	25000 rpm	6-1/4"	1.50 lbs.
MP-9113A-3/8*	3/8"	25000 rpm	6-1/4"	1.50 lbs.

\*MP-9113A series grinders feature an aluminum housing.

Maximum HP .....	1.00	Air Inlet Thread .....	1/4" NPT
Rec'd Hose Size .....	3/8"	Avg. Air Consumption:	11.9 cfm



**C-1028-0.250** Collet Insert, 1/4"  
**C-1028-0.375** Collet Insert, 3/8"  
**C-1023A-0.250** Collet Chuck Assembly, 1/4"  
**C-1023A-0.375** Collet Chuck Assembly, 3/8"

## Michigan Pneumatic

### Extended Arbor Die Grinders

Uses mounted stones, wire brushes or carbide burs. Ideal for use in foundries, welding and fabrications shops, shipyards, rail car repair and many other industrial facilities. **Available with steel or aluminum housing.**

Model No.	Collet Size	Free Speed	Overall Length	Weight
MP-9113E-1/4	1/4"	25000 rpm	11-1/16"	3.30 lbs.
MP-9113E-3/8	3/8"	25000 rpm	11-1/16"	3.30 lbs.
MP-9113AE-1/4*	1/4"	25000 rpm	11-1/16"	2.63 lbs.
MP-9113AE-3/8*	3/8"	25000 rpm	11-1/16"	2.63 lbs.

\*MP-9113AE series grinders feature an aluminum housing.

Maximum HP .....	1.00	Air Inlet Thread .....	1/4" NPT
Rec'd Hose Size .....	3/8"	Avg. Air Consumption:	11.9 cfm

See pages 49-51 for grinder accessories.



## NPK Model RG-38A

### Front Exhaust Die Grinder

Powerful die grinder designed for continuous service in industrial plants. Rugged, compact and lightweight for easy handling. Features a roll throttle and aluminum motor housing.

Collet Size .....	1/4"	Length .....	6-1/2"
Free Speed .....	22000 rpm	Weight .....	1.3 lbs.
Diameter .....	1-1/2"	Air Inlet Thread .....	1/4"
Rec'd Hose Size .....	3/8"	Avg. Air Consumption:	15.9 cfm



## NPK Model RG-38AS

### Front Exhaust Die Grinder

High speed grinder for rapid metal removal or precise finishing. Ideal for delicate finishing of aluminum, brass or plastic. Features a roll throttle and steel motor housing.

Collet Size .....	1/4"	Length .....	6-1/2"
Free Speed .....	22000 rpm	Weight .....	1.7 lbs.
Diameter .....	1-1/2"	Air Inlet Thread .....	1/4"
Rec'd Hose Size .....	3/8"	Avg. Air Consumption:	15.9 cfm

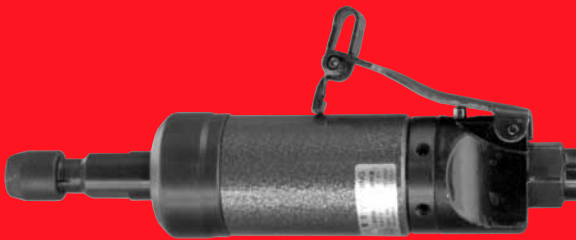


## NPK Model RG-38ASLW

### Front Exhaust Die Grinder

Ideal for the precise, delicate finishing required in handling small points and burrs. Steel motor housing and handle increase the life of the tool. Excellent for heavy die grinding in forging and casting operations.

Collet Size .....	1/4"	Length .....	6-25/32"
Free Speed .....	22000 rpm	Weight .....	1.5 lbs.
Diameter .....	1-1/2"	Air Inlet Thread .....	1/4"
Rec'd Hose Size .....	3/8"	Avg. Air Consumption:	15.9 cfm



## NPK Model RG-383

### Die Grinder

Features close tolerance-machined, extremely durable motor components for extended use in industrial applications. An aluminum motor housing and a two-step safety mechanism are among the high-quality NPK standard features.

Collet Size .....	1/4"	Length .....	6-3/4"
Free Speed .....	22000 rpm	Weight .....	1.3 lbs.
Diameter .....	1-1/2"	Air Inlet Thread .....	1/4"
Rec'd Hose Size .....	3/8"	Avg. Air Consumption:	17.6 cfm



## NPK Model RG-38CX

### Die Grinder

Features a "tri-lobuar" motor housing, which prevents the tool from rolling. The rounded triangular corners also make this tool very comfortable to hold for long durations. A composite plastic housing prevents hands from getting cold.

Collet Size .....	1/4"	Length .....	6-3/4"
Free Speed .....	22000 rpm	Weight .....	1.3 lbs.
Diameter .....	1-1/2"	Air Inlet Thread .....	1/4"
Rec'd Hose Size .....	3/8"	Avg. Air Consumption:	17.6 cfm