

## 1/2" Drive Heavy-Duty Impact Wrench

Specifications	MG725A
Drive Size, inches (mm)	1/2 (13)
Maximum Torque, ft-lb (N•m)	810 (1,098)
Free Speed, RPM	9,800
Blows Per Minute, BPM	1,270
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	5.2 (37) [147]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	5.1
Sound Level dB(A) Pressure	102.5
Length, inches (mm)	7.7 (194)
Weight, lb (kg)	4.8 (2.2)
Vinyl Boot	<b>MG725BOOT</b>

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach  
 CE, DE, ES, FR, IT, GB, NL, JP

### MG725A 1/2" Drive Heavy-Duty Air Impact Wrench

- 1,190 ft-lb (1,613 N•m) bolt breakaway torque and 810 ft-lb (1,098 N•m) working torque
- Faster motor start-up and greater performance with more torque than previous model
- Balanced design for superior control with less user fatigue
- Patented cushion grip handle reduces vibration
- Patented cushion grip tip valve trigger provides comfort and greater tool control
- Anvil stops with release of the trigger to prevent throwing fasteners
- Easy turn regulator for convenient speed control

## 1/2" Drive Impact Wrenches

Specifications	PT850
Drive Size, inches (mm)	1/2 (13)
Maximum Torque, ft-lb (N•m)	810 (1,098)
Free Speed, RPM	9,200
Blows Per Minute, BPM	1,270
Air Consumption, CFM	4.1 (29.2) [—]
Anvil Type	Friction Ring
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Air Supply Hose Size, inches (mm) ID	3/8 (9.5)
Sound Power Level, dB(A)	109.7
Sound Level Pressure, dB(A)	98.1
Height, inches (mm)	7.5 (191)
Vibration Level, m/s <sup>2</sup>	8.2
Length, inches (mm)	7.2 (183)
Weight, lb (kg)	4.2 (1.9)

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach  
 CE, DE, ES, FR, IT, NL, JP

### PT850 1/2" Drive Air Impact Wrench

- 1,190 ft-lb (1,613 N•m) bolt breakaway torque and 810 ft-lb (1,098 N•m) working torque
- 1,270 BPM and 9,200 RPM free speed for faster bolt removal
- Forged anvil, frame and hammers for a long tool life
- Cushion grip handle absorbs vibration and insulates the user's hand in cold temperatures



MG725A

#### Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



Pinned Anvil (P)



Long Pinned Anvil (LP)



Long Anvil (L)

- Weighs 4.8 lb (2.2 kg)
- Twin hammer impact mechanism is durable and hard hitting
- Sealed in oil bath lubrication with Red Line Synthetic Oil always keeps impact mechanism lubricated for less wear
- Two-year warranty
- For the toughest jobs, choose the maximum power of the MG725A

### MG725AL 1/2" Drive Heavy-Duty Long Anvil Air Impact Wrench

### MG725AP 1/2" Drive Heavy-Duty Pinned Anvil Air Impact Wrench



PT850

#### Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

- Balanced ergonomic design and slow anvil start-up for greater tool control
- One-handed forward/reverse lever for user convenience
- Large dial type regulator knob

### PT850L 1/2" Drive Air Impact (Long Anvil)

### PT850P 1/2" Drive Air Impact (Pinned Anvil)



- Use only impact sockets and accessories with impact wrenches.
- Read Safety Precautions on pages W1-W4

# AIR: 1/2" DRIVE IMPACT WRENCHES



**MG3255**

**Colors Available**



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



**Pinned Anvil (P)**



**Long Pinned Anvil (LP)**



**Long Anvil (L)**

**MG3255 1/2" Drive Air Impact Wrench**

- Compact design for easier access
- Balanced lightweight housing provides superior control with less user fatigue
- 425 ft-lb bolt breakaway torque to remove stubborn fasteners
- 10,700 RPM for faster bolt removal
- One-piece machined magnesium housing for precise internal component alignment to reduce vibration
- Anvil stop feature means anvil will stop when the trigger is released to avoid throwing fasteners
- Comfort cushion trigger button allows the user to work comfortably with less finger stress
- Patented field-replaceable cushion grip handle absorbs vibration and insulates the user's hand in cold temperatures



**PT350**

**Colors Available**



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

**PT350 1/2" Drive Stubby Air Impact Wrench**

- 775 ft-lb (1,017 N•m) bolt breakaway torque and 500 ft-lb (678 N•m) working torque
- Compact design for easier access into tight spaces
- Features a jumbo hammer for added durability
- Ergonomic, lightweight glass-filled nylon housing for less user fatigue

## 1/2" Drive Impact Wrenches

Specifications	MG3255
Drive Size, inches (mm)	1/2 (13)
Maximum Torque, ft-lb (N•m)	325 (440)
Free Speed, RPM	10,700
Blows Per Minute, BPM	1,400
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4 (28) [113]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	4.5
Sound Pressure Level, dB(A)	99.1
Length, inches (mm)	6.1 (155)
Weight, lb (kg)	2.8 (1.3)
Vinyl Boot	<b>MG325BOOT</b>
Warranty	2 Year

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach (C, D, E, ES, FR, IT, GB, NL)

- Continuous oil bath lubrication prolongs tool life by reducing premature component wear
- Eight-vane motor delivers maximum speed and torque
- Twin-hammer impact mechanism delivers hard-hitting blows with fewer moving parts, quickly removing stubborn fasteners
- One-handed forward/reverse lever for user convenience
- Protective boot and muffler kit are included
- Two-year warranty

**MG3255L 1/2" Drive Long Anvil Air Impact Wrench**

**MG3255LP 1/2" Drive Long Pinned Anvil Air Impact Wrench**

**MG3255P 1/2" Drive Pinned Anvil Air Impact Wrench**

## 1/2" Drive Impact Wrenches

Specifications	PT350
Drive Size, inches (mm)	1/2 (13)
Maximum Torque, ft-lb (N•m)	500 (678)
Free Speed, RPM	8,000
Blows Per Minute, BPM	1,440
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3.17 (22.6) [90]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	10.8
Sound Pressure Level, dB(A)	97.5
Length, inches (mm)	4.95 (126)
Weight, lb (kg)	3.2 (1.5)
Vinyl Boot	<b>PT338BOOT</b>
Warranty	2 Year

(C, D, E, ES, FR, IT, GB, NL, JP)

- Patent-pending variable speed control
- Patent-pending reversing valve prevents corrosion
- Anvil stops with release of the trigger to prevent throwing fasteners
- Continuous oil bath lubrication prolongs tool life by reducing premature component wear
- Includes protective boot and muffler kit



AT2550



AT5500



AT570

## 1/2" Drive Impact Wrench (Blue-Point®)

Specifications	AT2550	AT5500	AT570
Drive Size, inches (mm)	1/2 (13)	1/2 (13)	1/2 (13)
Maximum Torque, ft-lb (N•m)	300 (406)	550 (745)	570 (773)
Free Speed, RPM	10,000	7,400	6,900 (F), 7,000 (R)
Blows Per Minute, BPM	1,500	1,200	1,050
Anvil Type	Friction Ring	Friction Ring	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4.3 (—) [121.76]	4.2 (30) [118.9]	5.0 (36) [142] (F), 5.3 (38) [150] (R)
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	—	4.0	6.08
Sound Level dB(A) Pressure	102	94	95
Length, inches (mm)	4.29 (109)	7.9 (201)	7.24 (184)
Weight, lb (kg)	2.96 (1.34)	6.4 (2.9)	4.08 (1.87)
Vinyl Boot	—	AT5500BOOT	AT570BOOT

CE, DE, ES, FR, IT, NL

### AT2550 1/2" Drive Compact Impact Wrench (Blue-Point®)

- 300 ft-lb of torque
- Jumbo hammer mechanism
- Thumb-operated forward/reverse lever
- Three forward speeds and one reverse speed
- Exhaust is released through the bottom of the handle, away from the work area
- One year limited warranty

### AT5500 1/2" Drive Impact Wrench (Blue-Point®)

- 550 ft-lb of torque, 7,400 RPM, 1,200 BPM
- Built-in five-position adjustable air regulator plus a variable-speed trigger for maximum user control
- Twin-hammer impact mechanism is designed to hit hard yet offer tool longevity
- Ball-bearing-mounted motor creates a smooth running operation for longer tool life
- 1 pc aluminum housing provides a durable tool
- Tapered nose increases accessibility to confined areas
- Inlet filter screens out dirt and grit; easy-to-remove filter for cleaning
- One year limited warranty

### AT570 1/2" Drive Air Impact Wrench (Blue-Point®)

- Used on automotive and truck fasteners
- Shot-peen anvils for improved durability
- Reverse-bias motor provides additional torque
- Three-position regulator to control power
- One-handed forward/reverse lever for user convenience
- Composite housing with an aluminum nose combine to deliver a durable, lightweight and balanced unit
- Twin-hammer impact mechanism delivers hard-hitting blows to quickly remove stubborn fasteners

## 1/4" Drive (Blue-Point®)

Specifications	AT235MCA
Drive Size, inches (mm)	1/4 (6)
Maximum Torque, ft-lb (N•m)	25 (34)
Air Consumption, Free Speed, CFM (SCFM) [l/min]	1.67 (12) [47]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Blows Per Minute, BPM	2,900
Free Speed, RPM	13,000
Recommended Hose Size, inches (mm)	3/8 (10) ID min.
Sound Pressure Level, dB(A)	95.1
Vibration Level, m/s <sup>2</sup>	<2.5
Length, inches (mm)	6.2 (157)
Weight, lb (kg)	1.4 (.64)

### AT235MCA 1/4" Drive Micro Impact Wrench (Blue-Point®)

- 25 ft-lb of torque
- Balanced, lightweight, reduces fatigue
- Durable composite housing
- Oversized trigger with variable-speed
- Convenient one-handed forward/reverse lever
- Exhaust is released through the bottom of the handle, away from the work area



AT235MCA



- Use only impact sockets and accessories with impact wrenches.
- Read Safety Precautions on pages W1-W4

# AIR: 3/8" DRIVE IMPACT WRENCHES



MG325



PT338

## 3/8" Drive Super-Duty Impact Wrench

Specifications	MG325
Drive Size, inches (mm)	3/8 (10)
Maximum Torque, ft-lb (N•m)	325 (440)
Free Speed, RPM	10,700
Blows Per Minute, BPM	1,400
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4 (28) [113]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	4.5
Sound Pressure Level, dB(A)	99.1
Length, inches (mm)	6.1 (155)
Weight, lb (kg)	2.8 (1.3)
Vinyl Boot	MG325BOOT

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach  
 CE, DE, ES, FR, IT, GB, NL

### MG325 3/8" Drive Air Impact Wrench

- Compact size and slim-style nose is great for working in tight spaces
- Balanced lightweight housing provides superior control with less user fatigue
- 425 ft-lb (576 N•m) bolt breakaway torque and 325 ft-lb (440 N•m) working torque
- 10,700 RPM for faster bolt removal
- One-piece machined magnesium housing for precise internal component alignment to reduce vibration
- Anvil stop feature means anvil will stop when the trigger is released to avoid throwing fasteners
- Comfort cushion trigger button allows the user to work comfortably with less finger stress
- Patented field-replaceable cushion grip handle absorbs vibration and insulates the user's hand in cold temperatures
- Continuous oil bath lubrication prolongs tool life by reducing premature component wear
- Eight-vane motor delivers maximum speed and torque
- Twin-hammer impact mechanism delivers hard-hitting blows with fewer moving parts, quickly removing stubborn fasteners
- One-handed forward/reverse lever for user convenience
- Protective boot and muffler kit are included
- Two-year warranty

#### Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

## 3/8" Drive Super-Duty Impact Wrench

Specifications	PT338
Drive Size, inches (mm)	3/8 (10)
Maximum Torque, ft-lb (N•m)	500 (678)
Free Speed, RPM	8,000
Blows Per Minute, BPM	1,440
Anvil Type	Friction Ring
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3.17 (22.6) [90]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	10.8
Sound Pressure Level, dB(A)	97.5
Length, inches (mm)	4.8 (122)
Weight, lb (kg)	3 (1.36)
Vinyl Boot	PT338BOOT

Impact wrench suffix: L = Long anvil. Standard anvil for applications where frequent socket change is required. Long anvil for tight applications that require extra reach  
 CE, DE, ES, FR, IT, GB, NL

### PT338 3/8" Drive Stubby Air Impact Wrench

- 500 ft-lb (678 N•m) of working torque
- 770 ft-lb (950 N•m) bolt breakaway torque
- Compact design for greater access in tight spaces
- Ergonomic, lightweight glass-filled nylon housing for less user fatigue
- Features a jumbo hammer for added durability
- Patent-pending variable speed control
- Patent-pending reversing valve prevents corrosion
- Anvil stops with release of the trigger to prevent throwing fasteners
- Continuous oil bath lubrication prolongs life of the tool by reducing premature component wear
- Includes protective boot

#### Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



AT1038



AT2538



AT370



AT380A



AT351

## 3/8" Drive Heavy-Duty (Blue-Point®)

Specifications	AT1038	AT2538	AT370	AT380A	AT351
Drive Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Maximum Torque, ft-lb (N•m)	190 (257)	275 (373)	320 (434)	175 (230)	175 (237)
Free Speed, RPM	4,150	9,000	9,000 (F), 9,500 (R)	8,700	9,700
Blows Per Minute, BPM	1,950	1,500	1,050	1,680	1,200
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3.7 (26.6) [104.7]	4.3 (—) [—]	4.4 (326) [125] (F), 4.7 (34) [133] (R)	3.9 (28) [111]	2.5 (18) [71]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	—	—	3/8 (10)	3/8 (10)	3/8 (10) ID min.
Vibration Level, m/s <sup>2</sup>	8.2	8.6	3.25	3.5	3.09
Sound Level dB(A) Pressure	94.4	100	92	94	96.6
Length, inches (mm)	13.15 (334)	4.29 (109)	6-3/10 (160)	6.5 (165)	7.6 (193)
Weight, lb (kg)	3.47 (1.574)	2.96 (1.34)	2.62 (1.19)	3.0 (1.36)	2.5 (1.2)
Vinyl Boot	—	—	AT370BOOT	AT380ABOOT	—

CE, DE, ES, FR, IT, GB, NL

### AT1038 3/8" Drive Right Angle Impact Wrench (Blue-Point®)

- Low-profile right-angle head for access to tight spaces
- Hard-hitting jumbo hammer mechanism
- Multiple speed settings—two forward and one reverse
- Forward/reverse lockout mechanism
- Variable-speed trigger
- Gear oil lubrication for reduced component wear and longer tool life
- One year limited warranty

### AT2538 3/8" Drive Compact Air Impact Wrench (Blue-Point®)

- 275 ft-lb of torque
- Jumbo hammer mechanism
- Thumb-operated forward/reverse lever
- Three forward speeds and one reverse
- Exhaust is released through the bottom of the handle, away from the work area
- One year warranty

### AT370 3/8" Drive Impact Wrench (Blue-Point®)

- Used on automotive and truck fasteners
- Shot-peen anvils for improved durability
- Reverse-bias motor provides additional breakaway torque
- Three-position regulator to control power
- One-handed forward/reverse lever for convenient use
- Composite housing with an aluminum nose combine to deliver a durable, lightweight and balanced unit
- Twin-hammer impact mechanism delivers hard-hitting blows to quickly remove stubborn fasteners

### AT380A 3/8" Drive Impact Wrench (Blue-Point®)

- Built-in, five-position adjustable air regulator plus a variable-speed trigger for maximum user control
- Aluminum housing provides a lightweight yet durable tool
- Tapered nose increases accessibility to confined areas
- Ball-bearing-mounted motor creates a smooth-running operation for less user fatigue
- Brass inlet filter screens out dirt and grit; easy-to-remove filter for cleaning
- Twin-hammer impact mechanism is designed to hit hard yet offer tool longevity
- One year limited warranty

### AT351 3/8" Drive Impact Wrench (Blue-Point®)

- Built-in air inlet swivel
- Eight-position power regulator
- Rotary action air motor is ball bearing mounted for balance, speed and power
- Ideal tool for small engine repair and bench work



- Use only impact sockets and accessories with impact wrenches.
- Avoid prolonged exposure to vibration.
- Read Safety Precautions on pages W1-W4

## AIR: 1/2", 3/8" DRIVE RATCHETS



PTR50



PTR768



PTR72



PTR778

### Air Ratchets

Specifications	PTR50	PTR72*	PTR768	PTR778
Drive Size, inches (mm)	1/2 (13)	3/8 (10)	3/8 (10)	1/2 (13)
Maximum Torque, ft-lb (N•m)	70 (95)	70 (95)	70 (95)	70 (95)
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4.5 (32) [127]	4.5 (32) [127]	4.5 (32) [127]	4.5 (32) [127]
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	5.2	5.2	5.2	5.2
Sound Level dB(A) Pressure	92.9	92.9	92.9	92.9
Length, inches (mm)	12.1 (308)	12.1 (308)	14.5 (368)	14.5 (368)
Vinyl Boot	YA889 (included)	YA889 (included)	YA889 (included)	YA889 (included)
Warranty	2 Year	2 Year	2 Year	2 Year

CE DE, ES, FR, IT, GB, NL, JP

#### PTR50 1/2" Drive Super-Duty Air Ratchet

- 70 ft-lb of torque output to remove stubborn fasteners
- Easily withstands 158 ft-lb of manual torque
- 275 RPM free speed for fast removal and installation of fasteners
- "Stop lock" pins prevent ratchet pawl lockup
- Steel wear bushings reduce ratchet head wear
- Dual-pawls for added strength
- Tip valve-style trigger is easy to feather for greater control
- Large selector knob for easy direction change
- Adjustable composite exhaust directs the airflow away from work
- Cushion grip for added comfort and control

#### PTR72 3/8" Drive Super-Duty Air Ratchet

- 70 ft-lb of torque output removes stubborn fasteners
- Easily withstands 158 ft-lb of manual torque
- 275 RPM free speed for quick fastener removal and installation
- "Stop lock" pins prevent ratchet pawl lockup
- Steel wear bushings reduce ratchet head wear
- Dual-pawls for added strength
- Tip valve-style trigger is easy to feather for greater control
- Large selector knob for easy direction change
- Adjustable composite exhaust directs the airflow away from work
- Cushion grip for added comfort and control

#### PTR768 3/8" Drive Long-Neck Air Ratchet

- 70 ft-lb of torque handles the big jobs
- 158 ft-lb of manual torque to loosen rusty fasteners
- 275 RPM reduces fastener removal time
- 14-1/2" long for access
- Cushion grip handle for positive tool control
- Dual pawls for added strength
- Stop lock pins prevent ratchet lock up
- Steel wear bushing reduces ratchet head wear
- Tip valve trigger for featherability

#### PTR778 1/2" Drive Long-Neck Air Ratchet

- 70 ft-lb of torque handles the big jobs
- 158 ft-lb of manual torque to loosen rusty fasteners
- 275 RPM reduces fastener removal time
- 14-1/2" long for access
- Cushion grip handle for positive tool control
- Dual pawls for added strength
- Stop lock pins prevent ratchet lock up
- Steel wear bushing reduces ratchet head wear
- Tip valve trigger for featherability

#### Colors Available



\* G HV  
ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.


**PTR2500**

**PTR838**

**PTR2505**

**PTR817**

## Air Ratchets

Specifications	PTR2500	PTR2505	PTR838	PTR817
Drive Size, inches (mm)	1/4 (6)	3/8 (10)	3/8 (10)	1/4 (6)
Maximum Torque, ft-lb (N•m)	0-35 (0-47)	0-35 (0-47)	35 (47)	35 (47)
Air Pressure Working, PSI (kPa)	90 (620)	90 (620)	90 (620)	90 (620)
Air Consumption, Free Speed, CFM (SCFM) [l/min]	1.7 (11) [48]	1.7 (11) [48]	1.7 (11) [48]	1.7 (11) [48]
Torque Range, ft-lb (N•m)	0-35 (0-47)	0-35 (0-47)	0-35 (0-47)	0-35 (0-47)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	—
Vibration Level, m/s <sup>2</sup>	2.5	2.5	2.5	2.5
Sound Level dB(A) Pressure	84	84	84	84
Length, inches (mm)	7.8 (198)	7.8 (198)	12.75 (324)	10.5 (267)
Vinyl Boot	YA905 (included)	YA905 (included)	YA889 (included)	YA889 (included)
Warranty	1 Year	1 Year	1 Year	1 Year

\*CE, ES, FR, IT, GB, NL, JP

### PTR2500 1/4" Drive Mini Air Ratchet

- 225 RPM free speed in a compact size for greater access to tight spaces
- Balanced, lightweight housing for superior comfort and control with less user fatigue
- Large forward/reverse knob makes it easy to switch directions, even with greasy hands
- Soft grip handle provides increased comfort and insulation from the cold, while reducing vibration
- Zerk fitting allows the ratchet head to be lubricated for longer tool life
- Variable-speed trigger allows for slow motor start-ups

### PTR2505 3/8" Drive Mini Air Ratchet

- Balanced lightweight housing for superior comfort and control with less user fatigue
- Soft grip handle provides increased comfort while reducing vibration and insulating from the cold
- Large forward/reverse knob makes it easy to switch directions even with greasy hands
- Zerk fitting allows ratchet head to be lubricated for longer tool life
- Variable-speed trigger allows for slow motor start ups

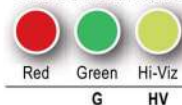
### PTR838 3/8" Drive Long-Neck Air Ratchet

- Long neck ratchet with extra-long reach for those hard-to-reach fasteners
- Soft grip handle provides increased comfort and insulation from the cold while reducing vibration
- Larger forward/reverse knob makes it easy to switch directions even with greasy hands
- Zerk fitting allows ratchet head to be lubricated for longer tool life
- Variable-speed trigger allows for slow motor start-ups
- Balanced lightweight housing for superior comfort and control with less user fatigue
- Manual torque load of 46 ft-lb

### PTR817 1/4" Drive Long-Neck Air Ratchet

- Extra-long reach to access hard-to-reach fasteners
- Soft grip handle provides increased comfort and insulation from the cold, while reducing vibration
- Large forward/reverse knob makes it easy to switch directions, even with greasy hands
- Zerk fitting allows ratchet head to be lubricated for longer tool life
- Variable-speed trigger allows for slow motor start-ups
- Balanced, lightweight housing for superior comfort and control with less user fatigue
- Withstands 46 ft-lb of manual torque

#### Colors Available



ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

#### WARNING



- Use only impact sockets and accessories with air ratchets.
- Read Safety Precautions on pages W1-W4

## AIR: 1/2" DRIVE RATCHETS (Blue Point®)



AT200D



AT204A



AT208A



AT238A



AT700F



AT705B

### Air Ratchets (Blue-Point®)

Specifications	AT200D	AT204A	AT208A	AT238A	AT700F	AT705B
Drive Size, inches (mm)	1/4 (6)	1/4 (6)	3/8 (10)	3/8 (10)	3/8 (10)	1/2 (13)
Torque Range, ft-lb (N•m)	5-25 (6-34)	0-30 (0-40.6)	0-30 (0-40.6)	0-40 (0-54.2)	5-45 (6-61)	5-50 (6-68)
Free Speed, RPM	230	350	350	550	165	150
Air Consumption, Free Speed, CFM (SCFM) [l/min]	1.4 (10) [40]	3.5 (25) [99]	3.5 (—) [99.11]	2.38 (17) [67.39]	3.0 (22) [85]	3.0 (22) [85]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Air Pressure, PSIG (kPa)	90 (620)	90 (620)	90 (620)	90 (620)	90 (620)	90 (620)
Vibration Level, m/s <sup>2</sup>	3.3	3.6	6.81	6.2	8.7	8.7
Sound Level dB(A) Pressure	85	94	89	—	89	89
Length, inches (mm)	8.7 (222)	5.12 (130)	5.12 (130)	6.3 (160)	10.1 (257)	10.7 (273)
Weight, lb (kg)	1.1 (.50)	1.05 (.48)	1.05 (0.48)	1.39 (0.63)	2.5 (1.14)	2.5 (1.14)
Vinyl Boot	AT200D22A	AT238-36	AT238-36	AT238-36	AT700E49A	AT700E49A

CE, ES, FR, IT, GB, NL

#### AT200D 1/4" Drive Air Ratchet (Blue-Point®)

- 20 ft-lb maximum torque
- Lightweight aluminum housing
- Rugged ball bearing-mounted air motor and precision planetary gear system
- Includes vinyl boot

#### AT204A 1/4" Drive Mini Air Ratchet (Blue-Point®)

- Ideal for working in tight quarters
- Head clearance is less than 3/4"
- Includes variable-speed trigger, adjustable air regulator and 5' nylon braided whip hose for maneuverability and control
- Composite housing provides strength and durability

#### AT208A 3/8" Mini Air Ratchet Wrench (Blue-Point®)

- Compact size allows for greater access to tight spaces
- Easy to use with a variable-speed throttle
- 30 ft-lb torque
- Lightweight design reduces fatigue
- Comfort grip, head boot and 5' braided PU hose
- One year limited warranty

#### AT238A 3/8" Drive Mini Impacting Ratchet Wrench (Blue-Point®)

- Reaction-free clutch mechanism prevents kick-back
- 40 ft-lb torque
- Compact size allows for greater access to tight spaces
- Lightweight design reduces fatigue
- 1/4"-18 NPT air inlet thread size
- One year limited warranty

#### AT700F 3/8" Drive Ratchet (Blue-Point®)

- Delivers 5-45 ft-lb of torque
- Rugged ball bearing mounted air motor and precision planetary gear system
- Easy-to-use variable-speed throttle plus adjustable air regulator
- Lightweight aluminum housing

#### AT705B 1/2" Drive Ratchet (Blue-Point®)

- 1/2" drive ratchet in a 3/8" drive body
- Ball bearing mounted motor for longer tool life




**PDR5000A**

**PDR5001**

**PDR3000A**

**PDR3001**

**PDRR2005**

## 1/2 and 3/8" Capacity Drills

Specifications	PDR5000A*	PDR5001*^	PDR3000A*	PDR3001*†	PDRR2005^
Chuck Size, inches (mm)	1/2 (13)	1/2 (13)	3/8 (10)	3/8" (10)	1/4"-28 (Threaded Bits)
Rated Power, HP (kW)	0.45 (.33)	.45 (.33)	0.45 (.33)	.45 (.33)	0.45 (.33)
Torque Range, in-lb (N•m)	0-300 (0-34)	0-300 (0-340)	0-50 (0-6.0)	0-50 (0-6.0)	—
Free Speed, RPM	450	450	2,500	2,500	4,000
Spindle Thread, inches	1/2"-20 UNF	1/2"-20 UNF	3/8"-24 UNF	3/8"-24 UNF	1/4"-28
Air Consumption, Average, CFM (SCFM) [l/min]	3.8 (27) [108]	3.8 (27) [108]	3.5 (25) [99]	3.8 (27) [100]	3.8 (27) [100]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8" (10)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	0.9	0.9	3.0	3.5	2.9
Sound Power Level, dB(A)	108.0	82.6	106.1	95.2	84
Length, inches (mm)	8.7 (222)	8.7 (222)	7 (178)	7 (178)	10 (254)
Auxiliary Handle	<b>PDR5000-40A</b>	<b>PDR5000-40A</b>	—	—	—
Chuck Key	30429	—	30002	—	—
Chuck Type	Keyed	Keyless	Keyed	Keyless	—
Replacement Chuck	<b>PDR5000-2</b>	—	<b>21133B</b>	—	—
Keyless Chuck	<b>PDR5000-2</b>	<b>SP68187</b>	<b>PDR3A-2</b>	<b>PDR3000-2</b>	—

† CE, DE, ES, FR, IT, GB, NL

^ CE, DE, ES, FR, IT, GB, NL, JP

### PDR5000A 1/2" Capacity Reversible Drill

- Five-vane air motor delivers high-torque power for added durability
- Three-planet industrial strength gear train provides durability for heavy-duty applications
- Precise .0025" chuck run-out for precision drilling
- Includes side handle for added control in high-torque drilling applications

### PDR5001 1/2" Capacity Keyless Chuck Reversible Drill

- Top-mounted one-handed forward/reverse for ease of use
- Variable-speed trigger for added control
- Cushion grip handle reduces vibration and insulates from the cold
- Internal ball bearing construction for smooth operation
- Five-vane air motor for faster start-ups and more power
- 450 RPM and 300 in-lb of torque output

### PDR3000A 3/8" Capacity Reversible Drill

- Convenient top-mounted forward/reverse switch allows for one-handed operation
- Five-vane air motor provides more drilling power to get the job done faster
- Overmolded cushion handle insulates from cold and vibration to reduce user fatigue
- Reversible variable-speed trigger for more control of drilling speed allows for precise drilling and increased safety
- Internal ball bearing construction for smooth operation and extended tool life
- Three-planet industrial strength gear train provides durability for heavy-duty drilling applications

- Precise .0025 chuck runout which enables precision drilling yielding a high-quality job
- Ergonomically designed lightweight aluminum housing provides a high power-to-weight ratio, allowing more productivity with less fatigue

### PDR3001 3/8" Capacity Keyless Chuck Reversible Drill

- 2,500 RPM and 50 in-lb of torque output
- One-handed forward/reverse for ease of use
- Excellent runout for consistent drilling, reaming and honing
- Keyless chuck for rapid bit change
- Slow start-up for easy control
- Handle exhaust directs air downward
- All ball and needle bearing spindle components
- Machined planetary gears balance the load
- Cushion grip handle reduces vibration and insulates from the cold
- Internal ball bearing construction for smooth operation
- Five vane air motor for faster start ups and more power
- Industrial drivetrain and gearing for long tool life

### PDRR2005 Mini Right Angle Air Drill

- Compact head for access to tight spaces
- Low spindle runout for precise drilling
- Accepts bits with 1/4"-28 thread
- Spindle shaft supported by double bearings for increased durability
- Spiral bevel gears for durability and smooth operation
- Variable-speed trigger maximizes performance and control

#### Colors Available



\* G HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.



- Use only impact sockets and accessories with air ratchets.
- Read Safety Precautions on pages W1-W4

# AIR: 1/4" CAPACITY DRILLS



PDYT1KE



PDZT2LK

## 1/4" Capacity Drills

	Stock No.	Description
1/4" Capacity Keyed Chuck Reversible	PDYT1KE	HP 1,800 RPM Pneumatic Drill
	PDYT1KF	HP 2,000 RPM Pneumatic Drill
	PDYT1KG	HP 2,400 RPM Pneumatic Drill
	PDYT1KH	HP 3,000 RPM Pneumatic Drill
1/4" Capacity Keyed Chuck Non-Reversing	PDZT2K7	HP 2,600 RPM Pneumatic Drill
	PDZT2KH	HP 3,000 RPM Pneumatic Drill
	PDZT2KK	HP 3,600 RPM Pneumatic Drill
	PDZT2KL	HP 4,300 RPM Pneumatic Drill
1/4" Capacity Keyless Chuck Non-Reversing	PDZT2KN	HP 23,000 RPM Pneumatic Drill
	PDZT2L7	HP 2,600 RPM Pneumatic Drill
	PDZT2LH	HP 3,000 RPM Pneumatic Drill
	PDZT2LK	HP 3,600 RPM Pneumatic Drill
	PDZT2LL	HP 4,300 RPM Pneumatic Drill
	PDZT2LN	HP 23,000 RPM Pneumatic Drill
<b>Specifications: 1/4" Capacity Pneumatic Drills</b>		
Length, inches (mm)	6.3 (160)	
Weight, lb (kg)	1.5 (0.7)	
Recommended Hose Size, inches (mm)	3/8 (10)	
Spindle Thread	3/8"-24	
Warranty	1 Year	

CE DE, ES, FR, IT, GB, NL

### 1/4" Capacity Pneumatic Drills Feature:

- Inlaid grip provides comfortable, low-profile padding and reduces fatigue while guiding users to hold the tool properly to enhance accuracy
- Ergonomic Support: Located on both sides of the housing, this support provides a resting point for the index finger during operation; aviation drills should be held so that the operator's wrist and index finger are inline with the chuck to enhance precision and control while reducing user fatigue
- Featherable throttle enhances flow to feed the high-torque motor and offers precise control for critical applications
- Dual-chamber motor provides high-torque for stubborn applications
- High Stall Torque: Bit jammed? Pull the trigger and turn clockwise—this feature saves time and frustration
- 3-Planet Gear Carrier: Designed for industrial applications to enhance precision and durability versus conventional two-gear models
- Röhm® Keyed Chuck: 1/4" (6.5 mm) premium quality chuck for critical applications
- Reversible and non-reversible models available

## Spotweld Drill

Specifications	AT184
Chuck Size, inches (mm)	5/16 (8)
Rated Power, HP (kW)	0.32 (.65)
Free Speed, RPM	0-1,000/0-1,800
Air Consumption, Free Speed, CFM (SCFM) [l/min]	8.4 (60) [238]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Sound Level dB(A) Pressure	84
Length, inches (mm)	7.9 (201)
Weight, lb (kg)	3.1 (1.4)
Spotweld Drill Bit (10 mm) (optional)	AT183-51
Spotweld Drill Bit (6.5 mm) (optional)	AT183-43
Spotweld Drill Bit (8 mm) (included)	AT183-50
Support Arm 5.5 (optional)	AT184-26A



AT184

### AT184 Spotweld Drill (Blue-Point®)

- Twist depth control collar allows precise setting of drilling depth up to 1/4"
- Two-speed trigger for low or high-speeds
- Includes (1) 5/16" (8 mm) drill bit and removeable clamp arm

**AT3000 3/8" Reversible Drill (Blue-Point®)**

- Convenient one-handed forward/reverse operation
- Exhaust is released through the bottom of the handle, away from the work area
- Comfort grip handle
- Keyless chuck saves time when changing bits


**AT3000**
**AT5000 1/2" Reversible Drill (Blue-Point®)**

- Chuck key conveniently stores in the handle
- Variable-speed trigger
- Convenient one-handed forward/reverse operation
- Exhaust is released through the bottom of the handle, away from the work area


**AT5000**
**AT801MCA 1/4" Micro Drill (Blue-Point®)**

- Small size is ideal for working in confined areas
- Durable composite housing stands up to rugged use
- Reverse lever is conveniently positioned for one-handed operation
- Oversized variable-speed trigger


**AT811**
**AT811 3/8" Angle Drill (Blue-Point®)**

- Convenient one-handed push-button forward/reverse operation
- Rear exhaust keeps air away from the work area
- Ball-bearing construction for longer tool life


**AT801MCA**
**1/4, 3/8 and 1/2" Drills (Blue-Point®)**

Specifications	AT3000	AT5000	AT811	AT801MCA
Chuck Size, inches (mm)	3/8 (10)	1/2 (13)	3/8 (10)	1/4 (6)
Rated Power, HP (kW)	0.45 (.33)	0.45 (.33)	0.45 (.33)	0.25 (.19)
Torque Range, in-lb (N•m)	0-40 (0-4.5)	0-120 (0-14)	0-55 (0-6)	0-18 (0-2.0)
Free Speed, RPM	1,675	490	1,320	1,800
Spindle Thread, inches	3/8"-24 UNF	1/2"-20 UNF	3/8"-24 UNF	3/8"-24 UNF
Air Consumption, Average, CFM (SCFM) [l/min]	3.5 (25) [95]	3.8 (27) [108]	3.4 (24) [95]	1.9 (13.6) [53.8]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10) ID min.	3/8 (10) ID min.
Vibration Level, m/s <sup>2</sup>	<2.5	<2.5	<.8	<2.5
Sound Level dB(A) Pressure	82	82	110	96.4
Length, inches (mm)	7.6 (193)	9.0 (228)	8.2 (208)	7.2 (183)
Weight, lb (kg)	3.2 (1.4)	3.8 (1.7)	2.2 (1)	1.5 (0.68)
Auxiliary Handle	—	PDAH1A	—	—
Vinyl Boot (opt.)	AT3000BOOT	AT5000BOOT	—	—



- Use only impact sockets and accessories with air ratchets.
- Read Safety Precautions on pages W1-W4

# AIR: HAMMERS

POWER TOOLS



PH3050BR



AT2050

**Colors Available**

Red  
 Green  
 Hi-Viz

\*                    G                    HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

## PH3050BR Super-Duty Air Hammer

- 2,500 BPM with hardened steel piston, delivering harder blows for maximum impact
- Dual elastomer cushions absorb shock and vibration, reducing user fatigue
- Phenolic (Kevlar® reinforced) flutter disc provides long life
- Direct multiport front exhaust keeps air and debris away from user
- High-grade steel barrel provides greater strength
- Variable-speed soft-touch trigger provides featherability for greater control
- Four-position built-in air regulator varies power for different applications
- Air line screen helps prevent foreign particles from clogging trigger mechanism
- Includes PH200D Quick Change Chuck Retainer

## Retainer Chuck

### PH200D Universal Quick-Change Chuck Retainer

- Use for fast and easy insertion/removal of air hammer bits
- Non-turning insert design reduces wear for longer tool life
- Constructed from high-grade steel—insert is constructed from durable polyurethane elastomer
- Universal design fits most air hammers
- Knurled collar provides a solid gripping surface, even with greasy hands



PH200D

## Super-Duty Air Hammers

Specifications	PH3050BR†*	AT2050†
Bore Diameter, inches (mm)	3/4 (19)	3/4 (19)
Blows Per Minute, BPM	2,500	3,400
Piston Stroke, inches (mm)	3 (76)	2.75 (70)
Shank Opening, inches (mm)	0.401 (10.1)	0.401 (10.1)
Air Consumption, Free Speed, CFM (SCFM) [l/min]	2.1 (14) [59]	2.5 (18) [71]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	5/16 (8)	5/16 (8)
Vibration Level, m/s <sup>2</sup>	2.8	8.6
Sound Level dB(A) Pressure	91.4	99
Length, inches (mm)	9.0 (228)	7.4 (188)
Weight, lb (kg)	5.9 (2.7)	4.6 (2.1)
Vinyl Boot	PH3050RBOOT	AT2050BOOT

† CE, DE, ES, FR, IT, GB, NL

- Intended for heavier-duty applications like cutting large bolts and rivets, separating ball joints, cutting heavy gauge sheet metal and driving bushings

### PH3050BRCH4 Super-Duty Air Hammer Set

- Set includes Air hammer (PH3050BR), Quick Change Retainer (PH200D), Flat Chisel (PHG55A), Panel Cutter (PHG57B), Tapered Punch (PHG59A) and Muffler Cutter (PHG87)

### AT2050 Heavy-Duty Air Hammer (Blue-Point®)

- Intended for heavy-duty applications, such as cutting large bolts and rivets, separating ball joints, cutting heavy-gauge sheet metal and driving bushings
- 3,400 BPM
- Quick-change chuck makes bit changing easy
- Variable-speed trigger with a built-in speed regulator
- Comfort grip handle for less user fatigue
- Hard-hitting; gets the job done quicker

# AIR: DIE GRINDERS



PTGR100

PTGR105

PTGR110

PTGR115

PTGR200

PTGR205

PTGR210A

## Mini and Standard Die Grinders, 1/4" Collet

Specifications	PTGR100*†	PTGR105†	PTGR110*†	PTGR115^	PTGR200*†	PTGR205*†	PTGR210A*†
Collet Size, inches	1/4	1/4	1/4	1/4	1/4	1/4	1/4
Rated Power, HP (kW)	1/3 (.2)	1/3 (.2)	1/3 (.2)	1/3 (.2)	.5 (.3)	.5 (.3)	.5 (.3)
Free Speed, RPM	25,000	25,000	25,000	25,000	23,000	23,000	23,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	1.7 (11) [48]	1.7 (11) [48]	1.7 (11) [48]	1.7 (11) [48]	3.2 (23) [90]	3.2 (23) [90]	3.2 (23) [90]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	2.6	2.69	4.8	4.4	2	3	5.2
Sound Level dB(A) Pressure	83.3	82.4	85.9	84.5	85.1	85.9	86
Length, inches (mm)	6.1 (155)	9.8 (250)	5.75 (146)	9.5 (241)	6.9 (175)	10.9 (277)	6.4 (162)
Weight, lb (kg)	1 (0.4)	1.4 (.63)	1.2 (0.5)	2.1 (0.95)	1.2 (.5)	2.1 (0.95)	1.4 (.63)

† CE, DE, ES, FR, IT, GB, NL, JP

^ CE, DE, ES, FR, IT, NL, JP

**Colors Available**

Red  
 Green  
 Hi-Viz

\*                    G                    HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

**Heavy-Duty Die Grinders**

- With more stall torque than any other Snap-on® Die Grinders, these Die Grinders are ergonomically designed and surprisingly lightweight for superior control, low vibration and less fatigue
- Featuring thermally balanced 1 HP motors that deliver 12,000 RPM–25,000 RPM of free speed power for maximum performance and high stall torque
- Provides the maneuverability to reach even the most restricted areas—and all the power ever needed

Specifications	PTGR400	PTGR405	PTGR410
Collet Size, inches	1/4	1/4	1/4
Rated Power, HP (kW)	1.0 (.6)	1.0 (.6)	1.0 (.6)
Free Speed, RPM	26,000	23,000	25,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4.17 (30) [118]	4.17 (30) [118]	4.17 (30) [118]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	2.1	3.25	.78
Sound Level dB(A) Pressure	84.7	82.2	86.2
Length, inches (mm)	7-1/2 (191)	12.25 (311)	7-1/2 (191)
Weight, lb (kg)	1.5 (.68)	2.6 (1.1)	1.5 (.68)

CE, DE, ES, FR, IT, GB, NL, JP

**PTGR400 1 HP Heavy-Duty Die Grinder**
**PTGR405 1 HP Heavy-Duty Long-Neck Die Grinder**
**PTGR410 1 HP Heavy-Duty Right Angle Die Grinder**
**Colors Available**

 Red Green Hi-Viz  
G HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.


**PTGR400**

**PTGR405**

**PTGR410**
**AIR: DIE GRINDERS (Blue Point®)**
**Pencil, 1/8" Collet (Blue-Point®)**

- Twist-action variable-speed control
- 5' (1.5 m) long protected air hose
- Used with 1/8" shank grinding accessories rated a minimum of 75,000 RPM
- Ideal for tight spaces and easy cleaning of dies, rotors and brake pads

Specifications	AT1070A	AT1070RA
Collet Size, inches (mm)	1/8 (3)	1/8 (3)
Free Speed, RPM	75,000	75,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	1 (7) [28]	1 (7) [28]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	2.0	2.0
Sound Level dB(A) Pressure	72	72
Length, inches (mm)	5.3 (135)	5.9 (150)
Weight, lb (kg)	.55 (0.25)	.46 (0.21)

**AT1070A Pencil Die Grinder (Blue-Point®)**
**AT1070RA Right Angle Pencil Air Die Grinder (Blue-Point®)**

**AT1070A**

**AT1070RA**


- Do not use grinder accessories beyond their maximum rated RPM.
- Use air hammer accessories only for their intended purpose.
- Do not use chipped or damaged accessories.
- Read Safety Precautions on pages W1–W4

# AIR: DIE GRINDERS (Blue Point®)

POWER TOOLS



AT115



AT118



AT105



AT109



AT119



AT116



AT120L



AT120LRA



AT109DGK

## 1/4" Collet (Blue-Point®)

Specifications	AT115†	AT118†	AT105†	AT109*†	AT119†	AT116†	AT120L	AT120LRA
Collet Size, inches (mm)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)
Rated Power, HP (kW)	0.45 (.33)	0.2 (.15)	0.45 (.33)	0.2 (.15)	0.2 (.15)	0.2 (.15)	0.22 (.164)	0.45 (.335)
Free Speed, RPM	22,000	20,000	22,000	20,000	20,000	20,000	23,000	18,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4 (29) [113]	4.0 (29) [113]	4 (29) [113]	2.1 (15) [59]	3 (15) [59]	3 (15) [59]	3 (22) [85]	3.3 (24) [93.4]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)	3/8 (10) ID min.	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	<2.5	2.5	<2.5	2.5	<6.92	3	1.83	1.83
Sound Level dB(A) Pressure	95	93	102	93	100	100	77	79
Length, inches (mm)	6.5 (165)	5.5 (140)	6.5 (165)	5.5 (140)	6.81 (173)	6.5 (165)	11.02 (280)	11.25 (285)
Weight, lb (kg)	1.3 (.61)	1.1 (.50)	1.3 (.61)	1.1 (.50)	1.1 (50)	1.1 (50)	1.45 (.66)	1.63 (.74)

\*See below for AT109DGK Die Grinder Kit specifications.

CE, ES, FR, IT, GB, NL

### AT115 Standard Air Die Grinder (Blue-Point®)

- Intended for most standard deburring operations
- Ergonomic handle grip increases comfort and control
- Safety lever throttle
- Built-in speed regulator
- Brass bearing cap and hose adaptor
- Rear diffused exhaust

### AT118 90° Angle Mini Air Die Grinder (Blue-Point®)

- Cleans dies, rotors, backing plates and brake pad mounts
- Removes gasket material, grinds valve seats, dresses welds and enlarges holes
- Compact, mini design with 90° angled head for easy access
- Ergonomic handle grip for increased comfort and control
- Safety lever throttle
- Built-in speed regulator
- Brass bearing cap and hose adaptor

### AT105 Standard Air Die Grinder (Blue-Point®)

- Aluminum housing for long-lasting durability
- Intended for most standard deburring operations
- High-quality bearings improve productivity with less repair
- Rear exhaust directs air away from work area

### AT109 Right Angle Mini Air Die Grinder (Blue-Point®)

- Aluminum housing for long lasting durability
- Compact mini design with 90° head for easy access
- High-quality bearings improve productivity with less repair

### AT109DGK Die Grinder Kit (Blue-Point®)

- Includes AT109 Mini Angle Die Grinder plus (1) 2" (50.8 mm) ROLOC® pad, (2) 2" (50.8 mm) coarse discs, (2) 2" (50.8 mm) medium discs, (2) 2" (50.8 mm) 24 grit discs, (2) 2" (50.8 mm) 36 grit discs, (2) 2" (50.8 mm) crud discs, (1) 3" (76.2 mm) ROLOC® pad, (2) 3" (76.2 mm) 50 grit discs, (2) 3" (76.2 mm) 120 grit discs, (2) 3" (76.2 mm) crud discs, (1) 1/4" shank adaptor and (2) spanner wrenches in a storage case

### AT119 115° Angle Mini Air Die Grinder with 2" Quick Change Disc (Blue-Point®)

- 115° offset head for a more ergonomic grinding position
- Thread-on-style disc provides a more compact head
- Includes (1) 2" quick change disc so the tool is ready for an abrasive pad
- Ideal for body work spot sanding, cleaning gasket material from surfaces, dressing welds, and cleaning brake rotors, backing plates and brake pads

### AT116 115° Angle Mini Air Die Grinder (Blue-Point®)

- 115° offset head provides a more ergonomic grinding position
- 1/4" collet
- Compact size ideal for accessing hard-to-reach areas
- Overmolded comfort grip
- Variable-speed regulator for precision control
- Available optional accessories include AT116-3 ROLOC® Pad (2", 1/4" shaft) and AT116-4 ROLOC® Pad (3", 1/4" shaft)
- Removes gasket material, grinds valve seats, dresses welds and enlarges holes

### AT120L Extended-Length Mini Air Die Grinder (Blue-Point®)

- 4-1/2" of extended reach for greater accessibility
- Comfort grip reduces fatigue
- Built-in speed regulator matches tool speed to the job
- Safety throttle releases lever to shut off tool

### AT120LRA Right Angle Extended-Length Mini Air Die Grinder (Blue-Point®)

- 4-1/2" of extended reach, with a 90° head
- Comfort grip reduces fatigue
- Built-in speed regulator matches tool speed to the job
- Safety throttle releases lever to shut off tool
- .45 HP motor with 18,000 RPM free speed

## Heavy-Duty Die Grinders

Specifications	PTGR450
Length, inches (mm)	9.0 (228)
Rated Power, HP (kW)	1.0 (.6)
Weight, lb (kg)	3.25 (1.47)
Wheel Size, inches (mm)	4-1/2 (114)
Free Speed, RPM	12,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4.17 (30) [118]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	8.9
Sound Level dB(A) Pressure	86.3

CE, ES, FR, IT, GB, NL, JP

### PTGR450 4-1/2" 1 HP Heavy-Duty Angle Grinder

- Powerful, efficient, thermally balanced air motor cools internal components
- Adjustable rear exhaust directs airflow away from work area
- Built-in air regulator provides the ability to dial in the exact speed for a specific application
- Dual taper collet system improves bit retention
- Easy bit changing with standard wrenches
- Ergonomic comfort grip handle isolates vibration
- Variable-speed safety-style paddle trigger helps prevent accidental start-up
- Low vibration and sound levels help reduce user fatigue
- 12,000 RPM for maximum performance and stall torque
- Small size provides maneuverability in tight areas
- Lightweight for superior control with low vibration
- Improved safety lever makes engaging and operating the tool even easier
- Adjustable wheel guard



PTGR450

#### Colors Available



Red Green Hi-Viz

R G HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

## Grinder (Blue-Point®)

Specifications	AT215
Description	2" Angle Grinder (Blue-Point®)
Length, inches (mm)	7.4 (188)
Overall Length, inches (mm)	7.4 (188)
Disc Size, Dia., inches (mm)	2 (50.8)
Rated Power, HP (kW)	0.5 (.37)
Weight, lb (kg)	1.8 (.82)
Wheel Size, inches (mm)	2 (51)
Free Speed, RPM	15,000
Horsepower, HP	.5
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3 (22) [85]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)
Recommended Air Pressure, PSIG (kPa)	90 (620)
Vibration Level, m/s <sup>2</sup>	<2.86
Sound Level dB(A) Pressure	73

### AT215 2" Angle Grinder (Blue-Point®)

- Excellent for working in confined areas on jobs that require fast metal removal
- Ideal for body shops, automobile and truck repair
- Grease fitting in head enables gears to be greased for longer tool life
- Includes (6) 2" wheels; tool is ready for use
- Moveable guard—up to 50° in either direction—fits various applications
- Built-in speed regulator allows the user to set the desired speed, providing more control
- Rear exhaust with rotating deflector directs air away from the work area with no blowback toward the user
- Comfort grip housing insulates from cold and vibration for less user fatigue
- Safety lever throttle prevents accidental start-ups for increased safety
- Includes AT215GWSET six pack grinding stone



AT215



- Do not operate without the guard.
- Do not use grinding discs or accessories above their rated RPM.
- Read Safety Precautions on pages W1-W4


**PTC430**

**PTC490**
**Colors Available**


Red Green Hi-Viz

PTC430	G	HV
PTC490	—	HV

ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.


**PTC250**
**Colors Available**


Red Green Hi-Viz

R	G	HV
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ADD SUFFIX TO STOCK NUMBER FOR SPECIAL COLORS.

**Heavy-Duty Cut-Off Tools**

- Powerful thermally balanced air motor cools internal parts and the tool surface
- Double bearings for smooth operation
- Built-in speed regulator for easy adjustment
- Rear-diffused exhaust directs exhaust away from the work area
- Lightweight and ergonomic comfort grip handle for less user fatigue
- Paddle-style trigger/safety lever for easy operation
- Precision-machined steel end plates for greater durability
- Adjustable wheel guard for use at any angle

Specifications	PTC430	PTC490
Wheel Size, inches (mm)	3 (76)	4 (102)
Rated Power, HP (kW)	1.0 (.75)	1.0 (0.75)
Free Speed, RPM	25,000	12,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	4.17 (23) [90]	4.17 (23) [90]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	6.92	3.41
Sound Level dB(A) Pressure	87	87.8
Length, inches (mm)	7-1/2 (191)	9.3 (236)
Weight, lb (kg)	1.9 (.86)	3 (1.3)
3" Cutter Wheels (36-Grit) (opt.)	AT150-20A	—
3" Cutter Wheels (54-Grit) (opt.)	AT150C29A	—
4" Cutter Wheels (opt.)	—	AT154RWHLMP

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**PTC430 1 HP Heavy-Duty 3" Cut-Off Tool**

- 25,000 RPM for maximum performance and stall torque
- Adjustable rear exhaust allows user to direct airflow away from work area
- Built-in air regulator allows user to dial in the exact speed required for the specific application
- Ergonomic comfort grip handle isolates vibration
- Variable-speed paddle-style safety trigger helps prevent accidental start-up
- Low vibration and sound levels help reduce fatigue and vibration
- Small size provides maneuverability in tight areas
- Lightweight for superior control
- Improved safety lever makes engaging and operating the tool even easier
- Ideal for many automotive and industrial cutting applications

**PTC490 1 HP Heavy-Duty 4" Angle Cut-Off Tool**

- 12,000 RPM for maximum performance and stall torque
- Use for heavy frame grinding, chamfering, welding cleanup and hardened steels

**Cut-Off Tool**

Specifications	PTC250
Wheel Size, inches (mm)	3 (76)
Rated Power, HP (kW)	0.5 (.37)
Free Speed, RPM	23,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3.2 (23) [90]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Vibration Level, m/s <sup>2</sup>	6
Sound Level dB(A) Pressure	86.1
Length, inches (mm)	7.2 (183)
Weight, lb (kg)	1.6 (.73)
3" Cutter Wheels (36-Grit) (opt.)	AT150-20A
3" Cutter Wheels (54-Grit) (opt.)	AT150C29A

CE, DE, ES, FR, IT, GB, NL, JP

**PTC250 1/2 HP 3" Cut-Off Tool**

- 23,000 RPM for maximum performance and stall torque
- Adjustable cutting wheel guard rotates to any safe and convenient position
- Adjustable regulator matches tool speed to job requirements
- With wider wheels, the tool also makes an excellent weld grinder
- Powerful, efficient, thermally balanced air motor cools internal components and surface temperature of the tool
- Variable-speed paddle-style safety trigger helps prevent accidental start-up
- High-quality single-row bearings allow for smooth operation and minimal runout to keep the tool running longer
- Black Alcryn® grips for improved comfort and resistance to automotive fluids
- Easy wheel changing using standard wrenches
- Optional accessories include AT150-20A Cut-Off Wheel



**Reversible Cut-Off Tools (Blue-Point®)**

Specifications	AT154RA	AT157R
Wheel Size, inches (mm)	4 (102)	3 (76)
Rated Power, HP (kW)	0.7 (0.5)	0.45 (.33)
Free Speed, RPM	13,000	20,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3.1 (22) [87]	3.5 (25) [99]
Air Inlet Thread Size, inches (NPT)	1/4 (18)	1/4 (18)
Recommended Hose Size, inches (mm)	3/8 (10)	3/8 (10)
Cutter Wheel Dia., inches	—	3
Vibration Level, m/s <sup>2</sup>	3.07	<3.8
Sound Level dB(A) Pressure	85	100
Length, inches (mm)	14.3 (365)	7.3 (185)
Weight, lb (kg)	3.3 (1.5)	1.9 (.86)
3" Cutter Wheels (36-Grit) (opt.)	—	AT150-20A
3" Cutter Wheels (54-Grit) (opt.)	—	AT150C29A
4" Cutter Wheels	AT154RWHLMP	—


**AT154RA**

**AT157R**
**AT154RA 4" Reversible Cut-Off Tool (Blue-Point®)**

- 14.3" overall length provides extended reach for easier access
- Reverse mode controls direction of sparks for safety
- Exhaust is diffused through the rear of the tool away from work surface
- Side handle provides additional tool control

**AT157R 3" Reversible Cut-Off Tool (Blue-Point®)**

- Ideal for use in body shops and other general automotive applications
- Spark direction control
- Extended reach for hard-to-access areas
- Built-in speed regulator for fine tuning
- Safety throttle lever
- Comfort grip handle
- Uses wheels only rated above 18,000 RPM
- Recommended for cutting mufflers, hose clamps, bolts and sheet metal
- 1 year limited warranty

**AIR: CUT-OFF TOOLS (Blue-Point®)**
**Cut-Off Tool (Blue-Point®)**

Specifications	AT153
Wheel Size, inches (mm)	3 (76)
Rated Power, HP (kW)	0.5 (0.37)
Free Speed, RPM	17,000
Air Consumption, Free Speed, CFM (SCFM) [l/min]	3.5 (24) [99.1]
Air Inlet Thread Size, inches (NPT)	1/4 (18)
Recommended Air Pressure, PSIG (kPa)	90 (620)
Recommended Hose Size, inches (mm)	3/8 (10)
Vibration Level, m/s <sup>2</sup>	<2.86
Sound Level dB(A) Pressure	85
Length, inches (mm)	7.3 (185)
Weight, lb (kg)	3.3 (1.5)
3" Cutter Wheels (36-Grit) (opt.)	AT150-20A
3" Cutter Wheels (54-Grit) (opt.)	AT150C28A


**AT153**
**AT153 Cut-Off Tool (3") (Blue-Point®)**

- Compact size is excellent for accessing areas with limited working space
- Heavy-duty bevel gears for tool longevity
- Indexing adjustable guard controls the direction of sparks
- Spindle lock eliminates the need for special wrenches for fast change of cut-off wheels
- Adjustable built-in regulator easily adjusts up to 17,000 RPM free speed



- Do not operate without the guard.
- Do not use grinding discs or accessories above their rated RPM.
- Read Safety Precautions on pages W1-W4