# **BUILT BY PROFESSIONALS FOR PROFESSIONALS**

# 2018 CALOG

When you've got real work to do....
GRAB HOLD OF AN AIRCAT!













The AIRCAT line represents the most significant advances in the performance of pneumatic power tools in nearly 30 years. Founded in 1998, our tool line has a substantially reduced level of noise while retaining more power and torque. AIRCAT also incorporates a patented ergonomically engineered handle design to relieve stress and fatigue on the operator's hands, wrists and arms. AIRCAT has the patented tuned exhaust muffler technology in most tools, which allows discharged air to pass without developing back pressure, thus retaining more power, while significantly reducing noise.

More power Half the noise.

AIRCAT is committed to product innovation, high quality levels, high service levels and continued development and expansion of the "AIRCAT" and "NITROCAT" brands.

In 2017 we introduced a new assortment of lubrication free, state of the art, orbital and geared sanders. The new 6700 series pneumatic and DC electric sander line provides a selection of 21 models with non vacuum, central vacuum and self vacuum options with a choice of orbit sizes.

The new sander line delivers low noise and vibration levels, low air consumption and unmatched operating comfort at prices that reflect the usual AIRCAT great value proposition.

In addition to the new sanders we are introducing a new series of 0.75 and 1.0 HP die grinders and cut-off tools that are included in this publication.



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#### Twin Hammer vs. Twin Clutch vs. Pinless Hammer vs. Jumbo Hammer

Most AIRCAT impact wrenches use a Durable Twin Hammer Mechanism. The Rugged and Reliable Twin Hammer mechanism creates a higher speed and faster blow per minute (under a load) impact. The Twin Hammer is best suited for all-around automotive maintenance. The twin hammer design has the hammer able to slide and rotate on a shaft, with a spring holding it in the downwards position. Between the hammer and the driving shaft is a steel ball on a ramp, such that if the input shaft rotates ahead of the hammer with enough torque, the spring is compressed and the hammer is slid backwards. On the bottom of the hammer, and the top of the anvil, are dog teeth, designed for high impacts. When the tool is used, the hammer rotates until its dog teeth contact the teeth on the anvil, stopping the hammer from rotating. The input shaft continues to turn,



causing the ramp to lift the steel ball, lifting the hammer assembly until the dog teeth no longer engage the anvil, and the hammer is free to spin again. The hammer then springs forward to the bottom of the ball ramp, and is accelerated by the input shaft, until the dog teeth contact the anvil again, delivering the impact.

- Faster hard hitting impact (1,400 Blows Per Minute)
- Durable, Rugged and Reliable
- Recommended for all-around automotive torque applications

NITROCAT 1200K, 1250-K,1750-K impact wrench models use a Smooth Powerful Twin Clutch Mechanism. The Hard Hitting Twin Clutch mechanism creates a high torque initial impact. The Twin Clutch design uses a hammer fixed directly onto the input shaft, with a pair of pins acting as clutches. When the hammer rotates past the anvil, a ball ramp pushes the pins outwards against a spring, extending them to where they will hit the anvil and deliver the impact, then release and spring back into the hammer, usually by having the balls "fall off" the other side of the ramp at the instant the hammer hits. Since the ramp need only have one peak around the shaft, and the engagement of the hammer with the anvil is not based on a number of teeth between them, this design allows the hammer to accelerate for a full



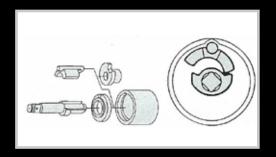
revolution before contacting the anvil, giving it more time to accelerate and delivering a stronger impact.

- Slower but harder hitting impact
- · Recommended for high torque applications

AIRCAT 1893, 1893-1 and 1994 1" Impact Wrenches feature a pin-less hammer mechanism with less moving parts. The pin-less hammer is twice as durable (low wear) than other mechanisms. The large hammer provides the hardest hitting of any impact! Twice as durable (low wear) than other impact mechanisms.

- Lowest wear for any impact mechanism
- Very hard hitting
- Featured in the NEW 1" impact wrench models

AIRCAT 1055-TH,1075-TH,1056-XL,1076-XL Impact Wrenches feature a JUMBO hammer. The JUMBO hammer develops maximum inertia in a single rotation achieved with a large mass single hammer that provides the hardest hitting power in its weight class mass and increased hammer life.





#### 1320 3/8" BUTTERFLY IMPACT WRENCH



- Provides 80 ft-lb of maximum torque
- Weighing only 1.1 lb. and with an overall length of only 5.4", it fits comfortably in the operator's palm
- Ideal for work around radiators and in other very space restricted areas
- Features a three position built-in power management switch for control on the job
- Built-in swivel air inlet increases maneuverability and access to restricted work areas
- Double hammer mechanism reduces vibration while increasing reliability

## 1075-TH / 1055-TH 3/8" & 1/2" COMPACT IMPACT WRENCH



- Provides 500 ft-lb of maximum torque
- Low weight aluminum alloy housing
- Reliable Jumbo hammer mechanism delivers maximum power, while increasing reliability
- Patented "Silencing Technology" reduces the noise level to 89 dBA
- Trigger mounted combined reverse and power management switch provides ultimate control and one-hand operation

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max Torque (ft-lb)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1320	10,000	1/2	3/8	1800	80	1.1	5.4	8	3/8	1/4
1055-TH	9,000	1/2	1/2	1600	500	2.75	4.25	6	3/8	1/4
1075-TH	9,000	1/2	3/8	1600	500	2.75	4.25	6	3/8	1/4

## 1077-TH / 1057-TH 3/8" & 1/2" STUBBY IMPACT WRENCH



- Provides 500 ft-lb of maximum torque
- Only 3.85" overall length
- Low weight aluminum alloy housing
- Reliable Jumbo hammer mechanism delivers maximum power, while increasing reliability
- Patented "Silencing Technology" reduces the noise level to 89 dBA
- Trigger mounted combined reverse and power management switch provides ultimate control and one-hand operation

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- Provides 550 ft-lb maximum torque
- Low weight composite housing reduces weight to 2.5 Lbs.
- Reliable jumbo hammer mechanism delivers maximum power, while increasing reliability
- Patented "silencing technology" reduces the noise level to 85 dba
- Patented grip has been ergonomically designed to perfectly fit the hand, providing unmatched comfort for the user
- New patented trigger mounted combined reverse & power management switch provides ultimate control and one-hand operation

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1077-TH	9,000	1/2	3/8	1600	500	2.80	3.85	6.0	3/8	1/4
1057-TH	9,000	1/2	1/2	1600	500	2.80	3.85	6.0	3/8	1/4
1076-XL	9,000	9/16	3/8	1650	550	2.5	4.25	8	3/8	1/4
1056-XL	9,000	9/16	1/2	1650	550	2.5	4.25	8	3/8	1/4

### 1300-TH-A 3/8" IMPACT WRENCH



- Provides 500 ft-lb loosening torque
- "Super Clutch" Twin Hammer Mechanism
- Durable composite housing
- Patented ergonomically designed housing
- Patented quiet tuned exhaust (86 Decibels)
- Patented easy operation flip lever forward and reverse

## 1355-XL 3/8" "XTREME POWER" IMPACT WRENCH





- Provides industry leading 700 ft-lb of loosening torque
- The NitroCat 1355-XL is a no non-sense, hard hitting 3/8" impact wrench that incorporates a twin hammer mechanism
- Provides all the torque you need and tremendous speed to get the job done
- Patented quiet tuned exhaust (86 dBA)
- Patented easy operation flip lever forward and reverse
- Great for brake calipers, transmission work
- Durable Kevlar™ reinforced "Body Armour" housing

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1300-TH-A	10,000	1/2	3/8	1750	450	2.63	6.75	6	3/8	1/4
1355-XL	10,000	1/2	3/8	1350	500	2.75	6.0	6	3/8	1/4

## 1350-XL HIGH-LOW TORQUE 3/8" IMPACT WRENCH



- Provides 500 ft-lb maximum torque and 100 ft-lb low torque
- Refined design twin hammer increases blow frequency and efficiency and reduces wear
- Unique High-Low Torque switch for instant change of power in forward and reverse provides one hand operation
- Molded in buffers protects tool from side impact
- Ergonomically designed grip and trigger provide ultimate operating comfort

### 1375-XL 1/2" "XTREME POWER" IMPACT WRENCH





- Provides industry leading 700 ft-lb of loosening torque
- The NitroCat 1375-XL is a no non-sense, hard hitting
   1/2" impact wrench that incorporates a twin hammer mechanism
- · Provides all the torque you need and a tremendous speed to get the job done
- Patented quiet tuned exhaust (86 dBA)
- Patented easy operation flip lever forward and reverse
- Great for brake calipers, transmission work
- Durable Kevlar<sup>™</sup> reinforced "Body Armour" housing

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb)	High-Low Torque Setting (ft-lb)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1350-XL	10,000	1/2	3/8	1700	500	500 and 100	3.15	6.3	6	3/8	1/4
1375-XL	10,000	1/2	1/2	1350	500	N/A	2.75	6.0	6	3/8	1/4



Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1150	9,000	9/16	1/2	1400	900	4.50	7.5	8	3/8	1/4

### 1000-TH / 1000-TH-2 1/2" IMPACT WRENCH



## 1295-XL 1/2" COMPACT IMPACT WRENCH



- Provides 1,150 ft-lb loosening torque
- The shortest length full size ½" impact wrench available!
- One hand operation and control unique "one click" fwd/rev
- Protected design" hammer cage front flange reduces vibration to 4.45 m/sec<sup>2</sup>
- Internal "Silencing Technology" reduces the noise level to 88 dBA
- The patented grip has been ergonomically designed to fit perfectly fit the hand providing unmatched comfort for the user
- The "protected design" air rotor rear support eliminates the rotor moving forward and scratching the front end cap-increasing tool life and reliability

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1000-TH	8,000	9/16	1/2	1300	800	4.50	7.5	8	3/8	1/4
1000-TH-2	8,000	9/16	1/2 x 2	1300	800	4.75	9.5	8	3/8	1/4
1295-XL	7,500	9/16	1/2	1600	900	4.6	6.62	8	3/8	1/4

#### 1200-K 1/2" KEVLAR™ TWIN CLUTCH IMPACT WRENCH





- Provides 1,295 ft-lb Loosening torque
- The NitroCat 1200-K is a no non-sense, hard hitting 1/2" impact wrench that out performs anything in its class!
- Hard hitting smooth twin clutch mechanism
- Durable Kevlar<sup>™</sup> reinforced "Body Armor" housing
- Patented ergonomically designed handle
- Patented quiet tuned exhaust (86 dBA)
- Patented easy operation flip lever forward and reverse
- The twin clutch is better suited for heavy duty (frame work, medium to heavy duty trucks)

## 1250-K 1/2" KEVLAR™ TWIN CLUTCH IMPACT WRENCH





- Provides 1,300 ft-lb Loosening torque
- The NitroCat 1250-K is a fearless, hard hitting, 1/2" impact wrench that out performs anything in its class!
- Hard hitting smooth twin clutch mechanism
- Durable Kevlar<sup>™</sup> reinforced "Body Armor" housing
- Patented ergonomically designed handle
- Patented quiet tuned exhaust (86 dBA)
- Patented easy operation flip lever forward and reverse
- The twin clutch is better suited for heavy duty (frame work, medium to heavy duty trucks)

#### **SPECIFICATIONS**

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1200-K	8,000	9/16	1/2	950	900	4.5	8.25	8	3/8	1/4
1250-K	8,500	9/16	1/2	1000	950	4.5	8.25	8	3/8	1/4

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- Provides 800 ft-lb max. torque
- Refined design twin hammer increases blow frequency and blow efficiency
- Very fast torque development
- 9,000 RPM Free speed provides fast run-down
- Ergonomically designed grip provides maximum operating comfort
- Six position power management switch in back cap provides ultimate control
- · Great balance and handling comfort
- Brushed aluminum housing finish

## 1450-2 1/2" x 2" IMPACT WRENCH



- Provides 800 ft-lb max. torque
- Refined design twin hammer increases blow frequency and blow efficiency
- Very fast torque development
- 9,000 RPM free speed provides fast run-down
- Ergonomically designed grip provides maximum operating comfort
- Six position power management switch in back cap provides ultimate control
- Great balance and handling comfort
- Brushed aluminum housing finish

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1450	9,000	9/16	1/2	1200	800	4.87	7.0	8	3/8	1/4
1450-2	9,000	9/16	1/2 x 2	1200	800	5.13	9.0	8	3/8	1/4



- Provides 800 ft-lb max. Torque
- Hard hitting twin hammer mechanism delivers maximum power
- Grip has been ergonomically designed to perfectly fit the hand, providing unmatched comfort for the user
- Cross bolt forward/reverse and power management control
- Triple heat treated Ni-Cr-Mo alloy steel hammer mechanism parts and anvil, provide ultimate reliability

1431-2 Features 2" Extended Anvil and includes Grey Pneumatic Thin Wall Flip Socket (19mm\21 mm)



# 1460-XL 1/2" IMPACT WRENCH



- Provides 725 ft-lb max. torque
- Hard hitting twin hammer mechanism
- Designed for tire shops to operate up to 125 psi air pressure
- Improved design ergonomic grip provides maximum operating comfort
- Molded motor housing cover protects the tool and adds reliability
- · Cross bolt style forward/reverse with built-in regulator
- Triple heat treated alloy steel hammers, hammer cage and anvil
- Reliable throttle design with tease trigger



1460-XL-2 Features 2" Extended Anvil

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1431	9,000	1/2	1/2	1600	800	5.7	7.2	8	3/8	1/4
1431-2	9,000	1/2	1/2 x 2	1600	800	5.7	7.2	8	3/8	1/4
1460-XL	9,500	9/16	1/2	1600	725	5.75	7.25	8	3/8	1/4
1460-XL	9,500	9/16	1/2	1600	725	5.75	7.25	8	3/8	1/4

### 1770-XL 3/4" "SUPER DUTY" IMPACT WRENCH



Model #1770-XLK 3/4-in. Impact Wrench Kit

Includes: 1770-XL Impact Wrench, Aircat Tool Bag and Grey Pneumatic 3/4-in. Drive "Deep Length" Impact Socket Set Socket Sizes: 1" 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/6" and 1-1/2"

- Provides 1,600 ft-lb loosening torque
- Refined design twin hammer increases blow frequency and efficiency
- Power management switch with three power settings
- Molded-in buffers protect tool from side impact
- Ergonomically designed grip and trigger provide ultimate operating comfort
- Designed for heavy duty fleet maintenance and industrial MRO work
- Combined through hole and friction ring socket retainer

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1770-XL	6,500	1	3/4	1300	1400	7.4	8.25	8	1/2	3/8

## 1600-TH-A 3/4" "SUPER DUTY" IMPACT WRENCH



- Provides 1,600 ft-lb loosening torque
- · Hard hitting "Super Clutch" twin hammer mechanism
- Best suited for bus/large automotive use, large agricultural service vehicles, large bolt assembly
- Patented ergonomically designed handle
- Patented guiet tuned exhaust (86 Decibels)
- Patented easy operation flip lever forward and reverse
- Combined through hole and friction ring socket retainer

## 1777 3/4" "SUPER DUTY" IMPACT WRENCH



- Provides 1600 ft-lb loosening torque
- Refined design twin hammer increases blow efficiency and doubles hammer mechanism life
- Hammer parts are made from triple heat treated Ni-cr-mo alloy steel for ultimate reliability
- Improved design ergonomic grip for maximum operating comfort
- Verv fast torque development

Combined six position power management and reverse knob for

ultimate control





Model #1777-K 3/4-in. Impact Wrench Kit

Includes: 1777 Impact Wrench, Aircat Tool Bag and Grey Pneumatic 3/4-in. Drive

"Deep Length" Impact Socket Set

Socket Sizes: 1" 1-1/16", 1-1/8", 1-1/4", 1-5/16", 1-3/8", 1-7/6" and 1-1/2"

#### **SPECIFICATIONS**

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1600-TH-A	4,500	7/8	3/4	900	1400	8.1	9.25	10	1/2	3/8
1777	6500	1	3/4	1600	1400	7.5	8.12	8	1/2	3/8

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## 1680-A 3/4" "XTREME DUTY" TWIN HAMMER IMPACT WRENCH



- 1600 ft-lbs of Maximum Torque
- Durable hard hitting twin hammer mechanism
- Improved compact design
- Patented "Silencing Technology" reduces noise to 89 dBa
- Patented AIRCAT grip
- Combined power management F/R switch
- Triple heat treated Ni-Cr-Mo alloy steel hammer mechanism
- Designed for the very toughest working conditions
- Combined through hole and friction ring socket retainer

1680-A-6 6" Extended Anvil

# 1750-K NITROCAT KEVLAR™ COMPOSITE 3/4" "XTREME POWER"





- 1300 ft-lbs of Maximum Torque
- Smooth twin clutch mechanism for fast torque build-up and low vibration
- Durable Kevlar™ reinforced "Body Armor" housing
- Patented "silencing technology" reduces noise to 90 dBa
- Patented ergonomic grip for comfort
- Combined through hole and friction ring socket retainer

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1680-A	4,500	1	3/4	950	1600	12.5	8.9	8	1/2	3/8
1680-A-6	4,500	1	3/4 X 6	950	1600	14.8	14.8	8	1/2	3/8
1750-K	4,500	7/8	3/4	1000	1300	9	9.75	24	1/2	3/8

## 1600-TH-A1 1" SUPER DUTY PISTOL IMPACT WRENCH





- Provides 1600 ft-lb loosening torque
- Composite housing reduces weight
- · Hard hitting twin hammer mechanism delivers maximum power
- Patented "Silencing Technology" reduces the noise level to 86 dBA
- The grip has been ergonomically designed to perfectly fit the handproviding unmatched comfort for the user
- Combined reverse and power management switch provides control
- Triple heat treated Ni-Cr-Mo alloy steel hammer mechanism parts and anvil, provide ultimate reliability
- Combined through hole and friction ring socket retainer

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1600-TH-A1	4,500	1-1/4	1	1100	1400	8.25	9.25	10	1/2	1/2

### 1880-P-A 1" PISTOL IMPACT WRENCH



- Provides 1900 ft-lb loosening torque
- Hard hitting twin hammer mechanism
- Molded hammer case protective cover
- Uniquely designed combined rear gasket / protective band prevents band from moving out of position
- Rugged bolt-on side assist handle
- Low wear pinless hammer
- Noise level to (88 dBA)
- Combined reverse and power management switch provides control
- Combined through hole and friction ring socket retainer

## 1890-P 1" PISTOL IMPACT WRENCH





- Provides 2500 ft-lb loosening torque
- Two jaw clutch provides unparalleled torque output and increases the life of the hammer beyond other impact mechanisms
- The two jaw clutch does not waste energy; this combined with the precision air motor dramatically reduces air consumption over other 1" impact wrenches to 24.5 CFM free running and 6.1 average
- Designed for fleet and off road vehicle service and steel erection
- Steel hammer case and heavy duty cast housing handle provide ultimate reliability
- · Combined through hole and friction ring socket retainer

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1880-P-A	4,800	1-1/4	1	900	1700	23.5	11.75	16	1/2	1/2
1890-P	4,200	1-1/4	1	1200	2000	24.0	11.0	6.1	1/2	1/2

### 1" x 8" LOW WEIGHT EXTENDED IMPACT WRENCH



1891-1 Short anvil available

1893 - 1 Short anvil available

#### 1" x 8" EXTENDED IMPACT WRENCH

Combined through hole and friction ring socket retainer

Combined through hole and friction ring socket retainer



Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1891	6,000	1-1/4	1 x 8	1600	1700	15.8	19.0	8	1/2	1/2
1891-1	6,000	1-1/4	1	1600	1700	12.0	12.9	8	1/2	1/2
1893	5,000	1-1/4	1 x 8	1400	1800	26.0	22.0	12	1/2	1/2
1893-1	5,000	1-1/4	1	1400	1800	23.25	14.0	12	1/2	1/2

#### 1" x 8" EXTENDED "SUPER DUTY" IMPACT WRENCH 1900-A



1900-A-1 Short anvil available

#### 1" x 8" EXTENDED "SUPER DUTY" IMPACT WRENCH 1994





- Rugged construction with reliable bolt-on assist handle
- Hammer case can be repositioned for side handle to be on right side
- Brushed aluminum motor housing
- The most reliable 1" Impact Wrench
- Combined through hole and friction ring socket retainer

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1900-A	5,500	1-1/4	1 x 8	1600	1900	26.0	22.0	12	1/2	1/2
1900-A-1	5,500	1-1/4	1	1600	1900	24.2	15.5	12	1/2	1/2
1994	4,500	1-1/4	1 x 8	1100	2300	35.0	26.0	16	1/2	1/2

### 1992 1" x 8" "SUPER DUTY" EXT. ANVIL IMPACT WRENCH



## 1992-1 1" "SUPER DUTY" IMPACT WRENCH

- Provides 1800 ft-lb maximum torque
- Hard hitting twin hammer
- Aluminum housing and hammer case
- Enlarged inner cavity of rotating "D" handle grip is more suitable for US users.
- Combined reverse and power management switches
- Triple heated Ni-Cr-Mo alloy steel hammer mechanism parts and anvil provide ulitimate reliability
- Combined friction ring and through hole anvil for positive socket lock-on.



Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1992	5,000	1-1/4	1	1600	1800	26.0	23.2	12	1/2	1/2
1992-1	5,000	1-1/4	1	1600	1900	14.0	15.5	12	1/2	1/2



1200-KBR
Red Flame NITROCAT® Boot
Fits Models: 1200-K and 1250-K



1056-BB
Black Aircat® Boot
Fits Models: 1056-XL and 1076-XL



1055-BB
Black Aircat® Boot
Fits Models: 1055-TH and 1076-TH





1355-XLBR
Red Flame NITROCAT® Boot
Fits Models: 1355-XL and 1375-XL



1150-BB Sleek Black Aircat® Boot Fits Models: 1150, 1000, 1000-TH and 1000-TH-2



1300-THBB
Black Aircat® Boot
Fits Model: 1300-TH





#### 807 3/8" "MINI" COMPOSITE PALM RATCHET



- 35 ft-lb Maximum torque
- 300 RPM provides fast run-down
- Built-in quick socket release button
- · Ergonomic composite over mold grip provides comfort
- Great for work around radiators and very confined spaces
- Only 5.4" long and weighs only 1.1 lbs.

### 800 1/4" "MINI" COMPOSITE SINGLE PAWL RATCHET



- 35 ft-lb Maximum torque
- Strongest 1/4" Ratchet in its class!
- Single pawl mechanism
- Fast rundown 320 RPM
- Superior internal mechanics
- Patented guiet tuned exhaust (82 dBA)
- Feather trigger for control
- Ergonomically designed housing
- Most comfortable trigger lever in the industry

### 801 3/8" "MINI" COMPOSITE SINGLE PAWL RATCHET



- 35 ft-lb Maximum torque
- Strongest 3/8" Mini Ratchet in its class!
- Single pawl mechanism
- Fast rundown 320 RPM
- Superior internal mechanics
- Patented quiet tuned exhaust (82 dBA)
- Feather trigger for control
- Ergonomically designed housing
- Most comfortable trigger lever in the industry

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Working Torque	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
807	300	3/8	3/8	5-25 ft-lb	35	1.1	5.4	3	3/8	1/4
800	320	3/8	1/4	5-35 ft-lb	35	1.63	8.5	4	3/8	1/4
801	320	3/8	3/8	5-35 ft-lb	35	1.63	8.5	4	3/8	1/4

### 802 3/8" COMPOSITE TWIN PAWL RATCHET



- 70 ft-lb Maximum torque
- Durable twin pawl mechanism
- Fast rundown 280 RPM
- Patented quiet tuned exhaust (82 dBA)
- Feather trigger for control
- Ergonomically designed housing
- Most comfortable trigger lever in the industry

#### 802-5 available with 1/2" square drive

## **804 1/4" MINI RATCHET**



- 30 ft-lb Maximum torque
- 280 RPM provides fast run-down
- The single piece, high grade, alloy steel housing ratchet head increases reliability and eliminates "loosening" of the ratchet head
- Uniquely designed transmission gear increases the rate of torque build-up
- Ergonomic composite over mold grip provides comfort

### 806 3/8" HIGH PERFORMANCE RATCHET



- 80 ft-lb Maximum torque
- 200 RPM
- Strongest 3/8" ratchet in its class!
- Unique variable speed throttle provides unmatched control
- · Enlarged ratchet head provides added reliability
- Ratchet head protective cover adds protection
- Soft touch coated handle grip increases operating comfort
- Needle bearing construction increases reliability
- 360° Rotational exhaust allows exhaust air to be directed as preferred

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Working Torque	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
802	280	3/8	3/8	5-70 ft-lb	70	2.75	10.5	4	3/8	1/4
802-5	280	3/8	1/2	5-70 ft-lb	70	2.75	10.5	4	3/8	1/4
804	280	3/8	1/4	N/A	30	1.55	7.15	4	3/8	1/4
806	200	1/2	3/8	N/A	80	2.5	10.9	4	3/8	1/4

### 803-RW 3/8" REACTION-LESS RATCHET



- 80 ft-lb Maximum torque
- Internal impact mechanism eliminates torque reaction and risk of finger trapping
- 600 RPM run-down speed with built-in regulator for control
- Very quiet compared to conventional air ratchets-only 79 dBA
- Composite handle grip increases operating comfort
- Needle bearing construction increases reliability
- Push and lock reverse switch

## 805-HT 3/8" HIGH TORQUE RATCHET



- 130 ft-lb Maximum torque
- Latest design ratchet head eliminates "spreading"
- Reliable single pawl design
- Extra large ratchet head increases reliability
- Rapid response and variable speed trigger
- Quiet for such a powerful ratchet (84 dBA)
- Ergonomically designed contoured grip and trigger provide ultimate operating comfort

#### 805-HT-5 Available with 1/2" square drive

WARNING: Use with care to avoid finger trapping.

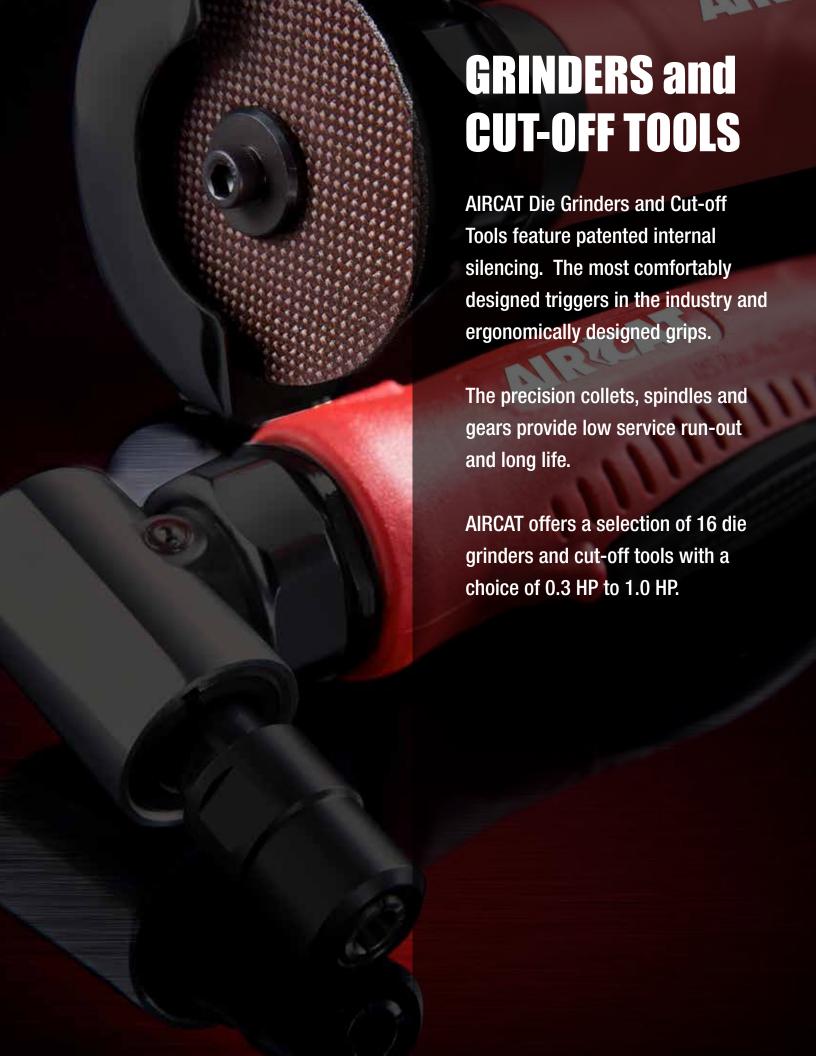
## **808 LONG REACH SERIES RATCHETS**



- 808-15 30 ft-lb Maximum torque
- 808-22 65 ft-lb Maximum torque
- Exclusive AIRCAT design
- Extended drive shafts provide access for hard to reach fasteners
- High grade materials and additional support bearings provide reliability

Model No.	Free Speed (RPM)	Bolt Capacity (in.)	Square Drive (in.)	Max. Torque (ft-lb) @90 psi	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
803-RW	600	3/8	3/8	80	2.4	10.5	4	3/8	1/4
805-HT	180	5/8	3/8	130	3.3	12.45	6	3/8	1/4
805-HT-5	180	5/8	1/2	130	3.3	12.45	6	3/8	1/4
808-15	200	3/8	3/8	30	3.1	15.3	4	3/8	1/4
808-22	160	1/2	3/8	65	4.3	22.5	6	3/8	1/4





## 6200 COMPOSITE STRAIGHT "MINI" DIE GRINDER



- Patented quiet tuned exhaust (82 dBA)
- Superior steel grade internal bearings for longer life
- Feather trigger for better speed control
- Ergonomically designed housing
- Most comfortable trigger in the industry

### 6201 COMPOSITE STRAIGHT DIE GRINDER



- Patented quiet tuned exhaust (82 dBA)
- Superior steel grade internal bearings for longer life
- Feather trigger for better speed control
- Ergonomically designed housing
- . Most comfortable trigger in the industry

## 6260 COMPOSITE 1.0 HP STRAIGHT DIE GRINDER



- Full 1.0 HP non-stall motor
- Patented guiet tuned exhaust (82 dBA)
- Superior steel grade internal bearings for longer life
- Feather trigger for better speed control
- Ergonomically designed housing
- Most comfortable trigger in the industry

Model No.	Free Speed (RPM)	Motor (HP)	Collet Size (in)	Gears	Exhaust	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6200	20,000	3/8	1/4	Direct Drive	Rear	.9	6.5	4	3/8	1/4
6201	22,000	1/2	1/4	Direct Drive	Rear	1.1	8.5	6	3/8	1/4
6260	22,000	1.0	1/4	Direct Drive	Rear	1.2	9.25	8	3/8	1/4

### 6285 .75 HP 1/4" COLLET STRAIGHT DIE GRINDER



- Spindle lock feature for easy accessory change
- Erickson® style precision collet
- .75 HP non stall motor
- Composite handle and grip for comfort
- Low noise only 79 dBa
- Low vibration only <2.5>m/sec2
- Speed control switch located on top of the grip for added control

# 6290 .75 HP 1/4" COLLET REVERSIBLE STRAIGHT DIE GRINDER



- Erickson® style precision collet
- .75 HP non stall motor
- · Composite handle and grip for comfort
- Low noise only 79 dBa
- Low vibration only <2.5>m/sec
- Speed control switch located on top of the grip for added control

Model No.	Free Speed (RPM)	Motor (HP)	Collet / Spindle Size (in.)	Gears	Exhaust	Weight (lbs.)	Length (in.)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6285	20,000	0.75	1/4	Direct drive	Rear	1.4	7	4.1	3/8	1/4
6290	20,000	0.75	1/4	Direct drive	Rear	1.4	7	4.1	3/8	1/4

## 6210 COMPOSITE STRAIGHT DIE GRINDER EXTENDED SHANK



- Patented quiet tuned exhaust (82 dBA)
- Superior steel grade internal bearings for longer life
- Feather trigger for better speed control
- Ergonomically designed housing
- Extended head to reach in tight spots
- Most comfortable trigger in the industry

## 6270 1.0 HP EXTENDED STRAIGHT DIE GRINDER



- 1.0 HP non stall motor
- 20.000 RPM
- Patented "Silencing technology" reduces noise to 89 dBa
- Low vibration only <2.5>m/sec2
- · Composite grip and throttle trigger for comfort
- 6" Extension to reach tight areas

Model No.	Free Speed (RPM)	Motor (HP)	Collet Size (in)	Gears	Exhaust	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6210	22,000	1/2	1/4	Direct Drive	Rear	2.5	13.5	6	3/8	1/4
6270	20,000	1.0	1/4	Direct Drive	Rear	3.1	14.15	4.2	3/8	1/4

### 6255 COMPOSITE ANGLE DIE GRINDER



- Superior steel grade internal bevel gears for longer life
- Feather trigger for better speed control
- Patented quiet technology (82 dBA)
- Excellent for high speed blending, smoothing, porting and deburring in confined areas
- Ergonomically designed housing
- Most comfortable trigger in the industry

#### 6265 1.0 HP ANGLE DIE GRINDER



- 1 HP non stall motor
- 18,000 RPM
- Patented "Silencing technology" reduces noise to 89 dBa
- Low vibration only <2.5>m/sec2
- Composite grip and throttle trigger for comfort
- Precision bevel gears for reliability
- Includes 1 pc each 2" & 3" Roloc® style backing pads

## 6280 .75 HP 1/4" COLLET ANGLE DIE GRINDER



- Spindle lock feature for easy accessory change
- Erickson® style precision collet
- .75 HP non stall motor
- Composite handle and grip for comfort
- Low noise only 79 dBa
- Low vibration only <2.5>m/sec2
- Speed control switch located at the top of the grip for added control

#### **SPECIFICATIONS**

Model No.	Free Speed (RPM)	Motor (HP)	Collet / Spindle Size (in.)	Gears	Exhaust	Weight (lbs.)	Length (in.)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6255	20,000	1/2	1/4	Spiral-Bevel	Rear	1.1	7.0	6	3/8	1/4
6265	18,000	1.0	1/4	5:1 Bevel Gears	Rear	1.8	9.5	4.2	3/8	1/4
6280	18,000	0.75	1/4	5:1 Bevel Gears	Rear	1.8	7	4.1	3/8	1/4

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### 6275-A 4" COMPOSITE INSIDE CUT-OFF TOOL



- New 1.0 HP motor eliminates "stall" and increases reliability
- Extended length for better reach. Get in where other tools fail to go!
- · Compact tapered gear housing with close-coupled grinding wheel
- Reaches inside corners of as little as 30° desgrees with 4" wheel
- Superior steel grade internal gears for longer life

- New spindle lock for ease of wheel change
- New 11 position rotational guard
- Grinder disc sizes: 4" (1/16 x 3/8) (1/8 x 3/8)

### 6340 4-1/2" ANGLE GRINDER



- New 1.0 HP motor eliminates "stall" and increases reliability
- Spindle lock for ease of wheel change
- Multi positional rotational guard improves access
- Hi-Low speed adjustment control
- The composite grip and throttle trigger have been ergonomically designed to provide unmatched comfort for the user
- Rotational muffler mounted at rear exhaust

Model No.	Free Speed (RPM)	Motor (HP)	Wheel Size (in)	Gears	Exhaust	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6275-A	14,000	1.0	4	Spiral Bevel	Rear	3.75	15.5	6	3/8	1/4
6340	11,000	1.0	4-1/2	Spiril Bevel	Rear	2.25	8.75	6	3/8	1/4

## 6505 3" COMPOSITE CUT-OFF TOOL



- Patented quiet tuned exhaust (86 dBA)
- Feather trigger for better speed control
- Ergonomically designed housing
- Safe compact and low weight
- Most comfortable trigger in the industry

# 6560 1 HP 4" COMPOSITE CUT-OFF TOOL



- 1 HP non stall motor
- 14,000 RPM
- Patented "Silencing technology" reduces noise to 89 dBa
- Low vibration only <2.5>m/sec2
- Composite grip and throttle trigger for comfort
- Cuts 3/4" Rolled Steel/18 Gauge
- Features 4" diameter wheel

Model No.	Free Speed (RPM)	Motor (HP)	Wheel Size (in)	Gears	Cutting Capacity	Exhaust	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6505	20,000	1/2	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	1.75	9.0	6	3/8	1/4
6560	14,000	1.0	4	Single reduction	3/4" Rolled Steel / 18 Gauge	Rear	1.8	9.5	4.2	3/8	1/4

### 6520 3" COMPOSITE REVERSIBLE CUT-OFF TOOL



- Adjusting rotational direction increases cutting wheel life and allows operator to change the direction of sparks
- Reverse switch located in grip for easy change of direction
- Cuts 3/8" rolled steel or 18 gauge steel sheet
- Speed regulator located under throttle lever adds control
- Impact resistant, composite housing
- Extra heavy duty dual spindle bearings for added reliability
- Speed control switch located on top of the housing for added control

## 6525-A IN-LINE CUT-OFF TOOL



- 0.6 HP motor provides non-stall operation
- Side mounted wheel and in-line motor allows for straight cutting of materials
- Composite grip has been ergonomically designed to provide unmatched comfort for the user
- Rear exhaust allows exhaust air to be directed as preferred
- Manufactured from high grade material precision parts designed for industrial and heavy duty automotive use

Model No.	Free Speed (RPM)	Motor (HP)	Wheel Size (in)	Gears	Cutting Capacity	Exhaust	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6520	18,000	0.5	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	1.6	7.0	4	3/8	1/4
6525	18,000	0.6	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	2.2	7.95	6	3/8	1/4

DRILLS, HAMMERS, SANDERS, POLISHERS, TIRE BUFFERS, SAW and NIBBLER

AIRCAT's latest designs and innovations add reliability, reduced noise levels and weight, while providing added operator comfort.

AIRCAT drills feature precision fully caged planetary gears and trigger mounted reverse switches for instant change of direction. The AIRCAT ergonomic grip designs incorporated in the drills provide perfect balance and added operator comfort.

AIRCAT sanders feature a patented motor design that reduces vibration to 1.8 m/sec². These motors are also double sealed to eliminate any dust contamination of internal parts. AIRCAT sanders are the first sanders that have technology that allows the tools to be used lubrication free, eliminating any oil mist contamination of the work surface. To further extend the life and reliability of the tools; they also incorporate a double bearing design. AIRCAT sanders are built using the latest technology composite grips and handles proving lower weight and added comfort for the operator. The selection of AIRCAT sanders are designed to meet the latest market requirements for ultra fine paint finishing and spot repair work

AIRCAT hammers feature a multi-patented silencing system and internal vibration damping that reduce vibration levels to 4.2 m/sec<sup>2</sup>. The AIRCAT ergonomic grip designs incorporated in the hammers provide perfect balance and added operator comfort.



## 4338 3/8" COMPOSITE DRILL JACOBS® CHUCK



- 3/8" Reversible composite drill
- Jacobs® chuck (Keyless)
- Feather trigger for better speed control
- Trigger mounted reverse for instant change of direction
- 1,800 RPM
- Superior grade steel planetary gear for longer life
- Patented guiet tuned exhaust (85 dBA)
- Patented ergonomically designed handle
- Air flow pressure: 90 (psi)

## 4450 1/2" COMPOSITE DRILL - SIDE ASSIST HANDLE INCLUDED



- 1/2" Reversible composite drill
- Keyed chuck
- Feather trigger for better speed control
- Trigger mounted reverse for instant change of direction
- Superior grade steel planetary gear for longer life
- 400 RPM
- Patented quiet tuned exhaust (85 dBA)
- Patented ergonomically designed handle
- Air flow pressure: 90 (psi)

Model No.	Free Speed (RPM)	Motor (HP)	Chuck Size (in.)	Gears	Spindle Thread Size (in.)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
4338	1,800	5/8	3/8	Planetary	3/8 x 24	2.5	7.0	6	3/8	1/4
4450	400	5/8	1/2	Planetary	3/8 x 24	3.0	8.0	6	3/8	1/4



- 0.7 HP motor
- Low weight composite housing reduces weight.
- Patented one-click reverse button provides instant change of direction
- Patented "silencing technology" reduces the noise level to 83 dBA
- Patented grip has been ergonomically designed to perfectly fit the hand-providing unmatched comfort for the user
- Forward position handle allows operator to apply increased feed force
- Forward position handle allows more control to start hole, and more control to maintain the drilled hole axis

### 4451 1/2" DRILL - VIBRATION DAMPED SIDE HANDLE INCLUDED



- 0.7 HP motor
- Low weight composite housing reduces weight.
- Patented one-click reverse button provides instant change of direction
- Patented "silencing technology" reduces the noise level to 83 dBA
- Patented grip has been ergonomically designed to perfectly fit the hand-providing unmatched comfort for the user
- Forward position handle allows operator to apply increased feed force
- Forward position handle allows more control to start hole, and more control to maintain the drilled hole axis

## 4337 3/8" ANGLE DRILL



#### 0.75 HP motor

- Precision spiral bevel gears increase reliability
- Conveniently positioned forward/reverse knob
- Built-in speed regulator for added control
- Ergonomically designed composite over-mold grip and throttle lever provide unmatched comfort for the user
- Fitted with grease nipple for gear relubrication
- Internal silencing reduces noise level to 75d(B)A
- Rear exhaust direct air away from work area
- Fitted with keyed chuck

Model No.	Free Speed (BPM)	Motor	Spindle Thread Size (in.)	Chuck Size (in)	Gears	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
4439	2,400	0.7	3/8 x 24	3/8	Caged Planetary	3.17	7.4	9	3/8	1/4
4451	400	0.7	3/8 x 24	1/2	Caged Planetary	4.12	9.27	9	3/8	1/4
4337	1,600	.75	3/8	3/8	Spiral Bevel	2.4	8.3	6	3/8	1/4



## 5100-A-T COMPOSITE AIR HAMMER



- 3,000 Blows per minute for fast cutting action
- High performance and low weight
- Multi-patented muffler/exhaust system gives this tool and extremely low noise of 88 dBA and vibration level of 4.2 m/sec<sup>2</sup>
- High quality safety-lock retainer for ease of chisel change and added safety
- Model 5100-A Includes: Blow Mold Kit, 5 Pc. Chisel Set and Quick Change Retainer

## **5200-A-T COMPOSITE LONG STROKE AIR HAMMER**



- 2100 blows/minute provide hard hitting cutting action
- 3-3/4" Piston Stroke
- Vibration damped technology reduces the vibration level to 4.2 m/sec<sup>2</sup>
- Patented AIRCAT design double injection composite grip has been ergonomically designed to provide unmatched comfort for the user
- Patented AIRCAT silencing technology
- Heavy duty ball-lock quick change chisel retainer adds safety and reliability

## 5300-A-T SUPER DUTY 0.498" SHANK AIR HAMMER



- 0.498" Shank opening
- 1760 Blows / minute
- Heavy duty "Quick Change Chisel Retainer" prevents chisels by-passing conventional spring retainers
- Patented AIRCAT ergonomically designed grip provides unmatched comfort for the user
- Designed for ultra heavy duty and for driving out shackle and kingpins and cutting large bolts, nuts and fasteners
- Model 5300-A Includes: 4 Pc. Chisel Set

Model No.	Free Speed (BPM)	Pistol Stroke	Shank Opening	Retainer	Valve	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
5100-A-T	3,000	2-5/8	.401"	Safety-lock	Plate	3.3	7.6	6	3/8	1/4
5200-A-T	2,100	3-3/4	.401"	Safety-lock	Plate	4.4	11.0	6	3/8	1/4
5300-A-T	1,760	2-11/16	.498"	Quick Change	Plate	4.6	8.94	6	3/8	1/4

# 6700 SERIES Low Vibration "Lube Free" Orbital and Geared Sanders

AIRCAT has developed a series of "lubrication free" sanders that incorporate the latest engineering concepts, advanced materials and patented designs. The AIRCAT technology reduces weight, noise & vibration, while extending the tool life. The AIRCAT "smooth design throttle lever" and the "ergonomic grip" featured in orbital sanders provide unmatched operating comfort.

- A choice of fifteen models 3/32" and 3/16" orbit options
- Non vacuum, central vacuum and self vacuum options
- 1", 3", 5" 6", and 8" "hook & loop" pad options
- Only 1.6 CFM average air consumption and 6.2 CFM continuous running under load
- Advanced silencing technology reduces noise levels to 75-78 d(B)A
- Patented double sealed, lubrication free motor prevents dust contamination of the air motor and eliminates the need for oiling
- Orbital sanders feature the AIRCAT "smooth design" throttle lever and "ergonomic grip" providing unmatched comfort
- Patented "anti vibration" motor reduces vibration level to 0.8 m/sec2
- Low weight: Orbital sanders 2.0 lbs. and geared sanders 3.4 lbs.
- Low profile: Orbital sanders 4.3" high and geared sanders 4.5"

#### **SPECIFICATIONS**

Model No.	Description	Pad Size (in)	Orbit (in)	Pad Type	No. Vacuum Pad Holes	Free Speed (RPM)
6700-1-332	Non Vac Nib Palm Sander	1	3/32	Hook & Loop	0	8,000
6700-5-336	Non Vac Orbital Palm Sander	5	3/16	Hook & Loop	0	11,000
6700-6-336	Non Vac Orbital Palm Sander	6	3/16	Hook & Loop	0	11,000
6700-6-332	Non Vac Orbital Palm Sander	6	3/32	Hook & Loop	0	11,000
6700-5-336CV	Central Vac Orbital Palm Sander	5	3/16	Hook & Loop	6	11,000
6700-6-336CV	Central Vac Orbital Palm Sander	6	3/16	Hook & Loop	6	11,000
6700-6-332CV	Central Vac Orbital Palm Sander	6	3/32	Hook & Loop	6	11,000
6700-6-336SV	Self Vac Orbital Palm Sander	6	3/16	Hook & Loop	6	11,000
6700-6-332SV	Self Vac Orbital Palm Sander	6	3/32	Hook & Loop	6	11,000
6700-3-336	Non Vac Orbital Palm Sander/Polisher	3	3/16	Hook & Loop	6	11,000
6700-3-336CV	Central Vac Orbital Palm Sander/Polisher	3	3/16	Hook & Loop	6	11,000
6700-8GCV	Central Vac Geared Planetary Motion Sander	8	3/16	Hook & Loop	8	900
6700-8G	Non Vac Geared Planetary Motion Sander	8	3/16	Hook & Loop	0	900
6700-6GCV	Central Vac Geared Planetary Motion Sander	6	3/16	Hook & Loop	6	900
6700-6G	Non Vac Geared Planetary Motion Sander	6	3/16	Hook & Loop	0	900

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# 6700 SERIES LOW VIBRATION "LUBE FREE" ORBITAL & GEARED SANDERS



Weight (lbs)	Length w/Pad Fitted (in)	Width w/Pad Fitted (in)	Height w/Pad Fitted (in)	Noise Level d(B)A	Vibration m/sec2	Average Air Cons. (CFM)	Air Inlet NPT/BSP (in.)
1.7	6.7	3.0	4.3	75	0.8	1.6	1/4
2.0	6.7	5.0	4.3	75	0.8	1.6	1/4
2.0	6.8	6.0	4.3	75	0.8	1.6	1/4
2.0	6.8	6.0	4.3	75	0.8	1.6	1/4
2.0	8.4	5.0	4.3	75	0.8	1.6	1/4
2.0	8.4	6.0	4.3	75	0.8	1.6	1/4
2.0	8.4	6.0	4.3	75	0.8	1.6	1/4
2.0	8.1	6.0	4.3	75	0.8	1.6	1/4
2.0	8.1	6.0	4.3	75	0.8	1.6	1/4
1.8	5.5	3.0	4.3	75	0.8	1.6	1/4
1.8	7.2	3.0	4.3	75	0.8	1.6	1/4
3.5	12.0	8.0	4.5	78	2.5	3.0	1/4
3.5	11.2	8.0	4.5	78	2.5	3.0	1/4
3.4	11.0	6.0	4.5	78	2.5	3.0	1/4
3.4	10.2	6.0	4.5	78	2.5	3.0	1/4



- 10.000 RPM
- 3/16" (2.5 mm) Orbit
- Low weight (2.3 lbs) and low air consumption (2.5 CFM average)
- Lubrication free air motor with patented double sealing to prevent dust contamination
- Isolated motor design reduces vibration to 1.8 m/sec<sup>2</sup>
- Internal silencing system reduces noise level to 82 dBA
- Built-in thumb operated speed regulator for instant control
- Rubberized comfort palm grip
- Low profile only 3-3/4" high

## **6525-ABS ¼" x 18" Belt Sander**



- 20.000 RPM
- 0.6 HP Motor provides non-stall operation
- 360° Rotational guard and belt
- Side assist handle provides added control and reduces fatigue
- Ergonomically designed composite grip provides unmatched comfort
- The rear exhaust allows exhaust air to be directed as preferred
- Manufactured from high grade material and precision parts designed for industrial and heavy duty automotive use
- Shipped complete with 1 pc each 40, 60, 80 and 150 grit sanding belts
- The following additional contact arms are readily available

Par	t No.	Description
96V	6201	1/8" X 18" Contact Arm
96X	(6201	1/4" X 18" Contact Arm
96V	V6201	1/2" X 18" Contact Arm
96L	J6201	3/4" X 18" Contact Arm
968	6201	1" X 18" Contact Arm

Model No.	Free Speed (RPM)	Pad /Belt Size (in.)	Spindle Thread (in.)	Gears	Exhaust	Orbit Off-set (in.)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6310	10,000	6	5/16 - 24	Direct Drive	Rear	3/16	2.25	10.5	2.5	3/8	1/4
6525-ABS	20,000	1/4 x 18	N/A	Direct Drive	Rear	N/A	2.6	15.4	6	3/8	1/4

## 6700-DCE SERIES ELECTRIC PALM SANDER / POLISHER

- FLEXIBLE: The three "push button" speed settings of 10,000, 7,000 & 4,000 RPM, allows for sanding, compounding and polishing.
- VERY QUIET: 70 d(B)A noise level.
- COMFORTABLE: 0.5m/sec2 vibration level.
- CLEAN: No exhaust air, no air borne oil, no blowing of dust and particles.
- SAFE: The DC current renders the tool shock hazard free and totally safe to use, the 20' low voltage DC cable allows use around vehicles and in industrial fabrication and assembly areas.
- EASE OF INSTALLATION: Hook-up and installation is easy and flexible to relocate to any location where there is an AC power point; simply plug the DC convertor cable into your power supply to get started.
- INCREASED PRODUCTIVITY: Air sanders only maintain 60% of their speed under load, while the AIRCAT DC electric sander maintains 85% of its speed under load.
- ENERGY EFFICIENT: 80% energy savings compared to running a compressor to power an air sander.
- COMPLETE PACKAGE: Comes with either 6", 5" or 3"
   VELCRO® sanding backing pad, a 4 ply 100% twisted wool 6" polishing bonnet and a 6" foam polishing/compounding pad
- Central vacuum versions available.





Model No.	Speed Settings (RPM)	Spindle Thread (in)	Pad Size (in)	Orbit (in)	Weight (lbs.)	Length (in)	Noise Level	Vibration Level	Cable Length (ft)
6700-DCE-6	10,000 - 7,000 - 4,000	5/16 x 24	6	3/16	1.98	7.0	70 dBa	0.5 m/sec <sup>2</sup>	20
6700-DCE-6V	10,000 - 7,000 - 4,000	5/16 x 24	6	3/16	1.98	7.0	70 dBa	0.5 m/sec <sup>2</sup>	20
6700-DCE-5	10,000 - 7,000 - 4,000	5/16 x 24	5	3/16	1.98	8.9	70 dBa	0.5 m/sec <sup>2</sup>	20
6700-DCE-5V	10,000 - 7,000 - 4,000	5/16 x 24	5	3/16	1.98	8.9	70 dBa	0.5 m/sec <sup>2</sup>	20
6700-DCE-3	10,000 - 7,000 - 4,000	5/16 x 24	3	3/16	1.98	8.9	70 dBa	0.5 m/sec <sup>2</sup>	20
6700-DCE-3V	10,000 - 7,000 - 4,000	5/16 x 24	3	3/16	1.98	8.9	70 dBa	0.5 m/sec <sup>2</sup>	20

## 6320 SPOT SANDER AND POLISHER



- Features internal 1/8" orbital head for ultra-fine sanding and polishing
- The combined spindle-counter balance reduces vibration levels to 1.8 m/sec<sup>2</sup> and adds reliability
- Precision alloy steel spiral-bevel gears extend tool life
- Lamb wool and sponge polishing bonnets/pads are also available separately
- The internal silencing system reduces noise levels to 78 dBA
- Supplied complete with Velcro® 1.25" and 2" round and a triangular pad

Sanding discs for all three pads types are available separately in 120/180/320/600/1000/1500 grit sizes, sanding discs are packed as10 pc. of each grit size

## 6370 LOW WEIGHT COMPOSITE VERTICAL POLISHER



- 3,500 RPM
- Stall resistant 0.6 HP motor
- Very low weight only 2.5 lbs.
- Very low air consumption only 12.0 CFM
- Incorporates internal spindle thread for fitting of upholstery cleaning brushes
- Comes complete with 7" Lambs wool polishing bonnet
- The composite housing and handles have been ergonomically designed to provide unmatched comfort for the user

Model No.	Free Speed (RPM)	Pad / Bonnet Size (in.)	Spindle Thread (in.)	Orbit Off-set (in.)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6320	13,000	1 x 2	1/4	1/8	1.1	6.1	2.5	3/8	1/4
6370	3,500	7	5/8" -11	N/A	2.5	6.75	12.0	3/8	1/4

## 6330 HIGH PERFORMANCE NIBBLER



- 2,500 stroke/minute motor provides fast cutting action in steel up to 18 gauge
- The 6350 has the smallest cut radius of any nibbler at only 3/16" allowing clean cuts in tight corners
- The "over sized" anvil and punch dramatically increase reliability of these high wear parts
- The 6350 comes complete with an additional punch
- Composite handle and throttle lever design provide comfortable and convenient operation
- The rotational rear exhaust muffler allows exhaust air to be directed as preferred
- The 6330 precision engineered components make the tool suitable for high volume

# 6350 LOW VIBRATION SAW



- 9,500 stroke/minute motor provides very fast cutting action
- The internal damping system reduces the vibration level to 2.5m/sec2
- Comes complete with 18, 24 and 32 teeth power saw blades
- The metal blade retainer increases reliability
- The rotational rear exhaust muffler allows exhaust air to be directed as preferred
- The 6350 has a short overall length of only 8" and low a weight of only 1.13 lbs. providing good work area access and comfortable operation

Model No.	Free Speed (RPM)	Motor (HP)	Cutting Capacity	Exhaust	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6330	2,600	0.06	8 Gauge	Rear	2.25	7.0	3.5	3/8	1/4
6350	9,500	0.5	3/16" Steel Plate - 18 Gauge	Rear	1.13	8.0	4	3/8	1/4

## 6400 COMPOSITE HIGH SPEED TIRE BUFFER/DRILL



- 22,000 RPM
- Stall resistant 0.75 HP motor
- Built-in regulator for added control on the job
- Convenient and comfortable throttle lever design
- Ergonomic molded handle grip adds comfort and insulation in cold weather
- Complete with coaxial rear hose assembly to eliminate blowing of rubber particles/dust in the work area
- Short overall tool length of only 8" improves access in work area
- Low noise level
- Low air consumption
- 3/8" Precision keyed chuck

## 6402 / 6403 COMPOSITE TIRE BUFFER



- 2,600 and 3,600 RPM
- Stall resistant 0.60 HP motor
- Convenient and comfortable throttle lever design
- Ergonomic molded handle grip adds comfort and insulation in cold weather
- Complete with coaxial rear hose assembly to eliminate blowing of rubber particles/dust in the work area
- Low noise level
- Low air consumption
- 5/16" Hex quick change chuck with threaded arbor for mounting buffing cones and accessories
- Model 6403 is designed for tire re-capping and tire buffing

Model No.	Free Speed (RPM)	Chuck Size (in.)	Spindle Thread Size (in.)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6400	22,000	3/8	3/8 x 24	1.66	8.0	4.1	3/8	1/4
6402	2,600	5/16" Internal Hex	N/A	1.75	9.0	3.5	3/8	1/4
6403	3,600	5/16" Internal Hex	N/A	1.75	9.0	3.5	3/8	1/4

## 100-C MECHANIC'S CREEPER



- Low profile design
- 3 inch Casters
  - Oil, grease and dirt resistant

# 800-C 45" ADJUSTABLE MECHANICS CREEPER W/LIGHT



Model No.	Height	Dimensions	Max Load
100-C	3.6"	40.6" x 19.7" x 3.6"	350 lbs.
800-C	6.5"	45" x 23" x 6.5"	400 lbs.



**500-C TOOL BAG** 



**300-C MAGNETIC MAT** 





**700-C LED INSPECTION LIGHT** 

#### **Male & Female Safety Couplers**

600-C-25F	1/4" NPT Female Coupler with Male & Female fittings
600-C-25M	1/4" NPT Male Coupler with Male & Female Fittings
600-C-375F	3/8" NPT Female Coupler with Male & Female Fittings
600-C-375M	3/8" NPT Male Coupler with Male & Female Fittings

#### **Use of Accessories with Air Tools**

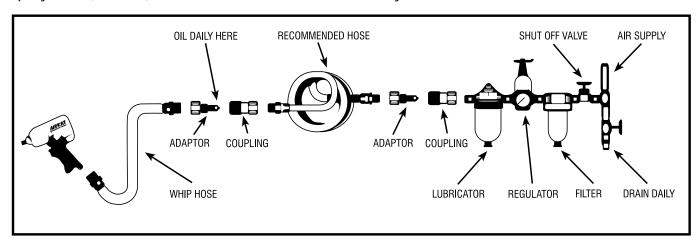
- When selecting the correct accessory to use with your air tool(s) the following points must be carefully checked.
- The accessory is rated to run at or above the maximum rated speed of the air tool that you plan to use it on.
- Air tool Manufactures specify these speeds in their catalogs and operator instructions.
- Accessories used on abrasive tools, impact wrenches, nut runners, ratchets, air hammers and scaling hammers must be rated for use with the relevant air tool.
- Any accessory used should be of the correct size and design for the air tool(s) that you plan to use it with.
- Worn accessories should not be used and accessories should not be modified in any way.
- Mounting and fitting instruction for any accessory to be used on an air tool must be carefully followed at all times.
- Use of worn or incorrect accessories may reduce tool performance, create excessive tool wear and can be hazardous
- Always disconnect the tool from the air supply when changing of fitting accessories, guards or other fittings.

#### **Operator Training for Air Tool; Air Tool Accessory and Compressed Air Use**

- All operators should be trained in the correct installation and use of the air tool/s that they are required to operate.
- All operators should be trained to understand the safety instructions provided by the air tool manufacturer, for each
- Air tool that they are required to operate.
- All operators should be trained in the safe use of compressed air and the use of associated air hoses, connectors and air tool accessories.
- All operators should be trained to operate the air tool/s and accessories safely and correctly on the application that you
  plan to use them for.
- Operators or service personnel should be trained to ensure that the air installation, lubricators, filters, regulators, hoses
  and air nipples and connectors are checked regularly to ensure that they meet the requirements set on a
  continuous basis.

#### **Air Supply**

Tools of this class operate on a wide range of air pressure. It is recommended that air pressure of these tools measures 90 PSI at the tool while running free. Higher pressure and unclean air will shorten the tool's life because of faster wear and may create a hazardous condition and void the warranty. Water in the air line will cause damage to the tool. Drain the air tank daily. Clean the air inlet filter screen on at least a weekly schedule. The recommended hookup procedure can be viewed in the illustration below. The air inlet, used for connecting air supply, has standard 1/4" NPT American Thread. Line pressure should be increased to compensate for unusually long air hoses (over 25 feet). Minimum hose diameter should be 3/8" I.D. and fittings should have the same inside dimensions.



# **SERVICE CENTERS**

STATE/PROVINCE	CITY	REPAIR CENTER	ADDRESS	ZIP	PHONE	FAX
Alabama	Birmingham	Tool-Smith	1300 4th Ave South	35233	205-323-2576	205-323-9060
Alabama	Mobile	Tool-Smith	920 Lakeside Drive	36693	251-661-0404	251-661-8970
Alberta	Calgary	Complete Hydraulics	Bay 9, 7139-40th St SE	T2C 2H7	403-720-0445	403-720-0446
Alberta	Stony Plain	Duke's Air Tool Repair	232, 3400 48 Street	T7Z 1W2	780-907-1392	
British Columbia	Burnaby	Westcoast Tool Sales & Repair	4008 Myrtle Street	V5C 04G2	604-873-5394	604-873-5313
British Columbia	Richmond	B.B. Tool Repair	12900 Jack Bell Road	V6V 2V8	604-303-0131	604-303-0134
California	Norwalk	Arizona Air Tool	14797 Carmenita Road	90650	480-968-8559	480-968-4276
California	Visalia	CTS&S Airtool Repair	1805 E Main St Bldg E	93292	559-623-2157	559-734-4148
Florida	Jacksonville	Tool Shack	226 Edgewood Ave S	32205	904-387-1466	904-384-8120
Florida	Jupiter	FPMC Service Dept.	851 Jupiter Park Lane	33458	800-356-3392	561-575-9134
Florida	Spring Hill (Tampa)	R&R Tool Repair Inc.	13591 Linden Drive	34609	352-263-3587	352-200-7587
Florida	Hialeah	Douglas Pneumatics Company Inc.	NW 107th. Ave. Unit 14E	33018	305-512-1014	305-512-1015
Georgia	Marietta	Tool Service Company	178 Marble Mill Rd NW	30060	404-524-4249	770-908-8082
Georgia	Norcross	Tool Smith	5600 Oakbrook Pkwy #140	30093	770-448-4844	770-448-7395
Illinois	Elk Grove Village	Illinois Tool Service	1485 Landmeier Unit J	60007	847-228-1902	847-228-1913
Indiana	Indianapolis	VAMACO	6718 East 38th St	46226	317-632-2208	317-244-3920
Kentucky	Louisville	Tool Repair Svc Inc	1200 Goss Avenue	40217	502-635-6888	502-634-1931
Louisiana	Shreveport	Shreveport Air Tool Inc	125 Freestate Blvd	71107	318-227-9412	318-227-0013
Manitoba	Winnipeg	Accutool Service Centre	565 Marjorie St	R3H 0S8	204-772-6523	204-772-6597
Michigan	Detroit	Billow Company	15335 Dale	48223	313-255-4446	313-255-4664
Michigan	<b>Grand Rapids</b>	Gezon Tool Service	322 Rumsey SW	49503	800-444-8222	616-451-2728
Minnesota	Cyrus	Air Tool Clinic	106 West Main Street	56323	320-795-2221	320-795-2221
Minnesota	Rogers	Tool Warehouse Inc	19520 County Road 81	55374	612-722-4260	612-722-3415
Minnesota	St. Cloud	Tool Warehouse Inc	9 Lincoln Ave SE	56304	320-253-7150	320-253-5905
Missouri	Blue Springs	Clark's Tool & Equipment	815 W 40 Hwy	64015	816-228-9885	816-228-2062
Missouri	Kansas City	Heath Sales & Svc	518 East 16th Street	64108	816-421-3330	816-421-3770
Nebraska	0maha	Thacker Electric Co	8517 "I" Street	68127	402-592-9433	402-592-3768
New York	Brooklyn	Five Boro Pneumatics	802 East 42nd Street	11210	718-338-8911	718-338-8914
North Dakota	West Fargo	Tool Warehouse Inc	127 Main Avenue West	58078	701-282-6151	701-282-6083
Ohio	Cleveland	Tri County Power Tool	1300 Brookpark Rd	44109	866-873-8278	216-398-6121
Ohio	Tallmadge	Power Tool Repair Inc	371 West Ave.	44278	330-630-0022	330-630-3320
Oklahoma	Oklahoma City	Hydraulic Equipment	2800 W. California Ave.	73107	405-235-3310	405-232-4722
Ontario	Toronto	HT Pneumatic Rebuilders	22 Goodmark Place Unit #8	M9W 6R2	416-407-5739	416-213-9357
Ontario	London	Pryde Industrial Inc.	187 Exeter Road	N6L 1A4	519-690-1111	519-690-0048
Oregon	Portland	Charles H Day Co	602 South East 11th Ave	97214	503-232-1659	503-231-2521
Pennsylvania	Hanover	CTR Contract Tool Repair	126 Rear Carlisle St	17331	717-630-1202	
Quebec	Val Des Monts	Claude Maheaux Pneumatique	1797 Route Du Carrefour	J8N 7M7	819-671-9284	819-671-3096
Tennessee	Chattanooga	Tools & Hydraulics	910-C Creekside Rd	37422	423-622-8282	423-629-0125
Tennessee	Memphis	Authorized Equip Svc	812 Polk Ave	38126	901-774-0850	901-942-9487
Tennessee	Nashville	Tool-Smith	665 Massman Drive	37210	615-883-4833	615-883-4236
Texas	Deer Park	Power Tool Service Co	1213 Georgia Avenue	77536	713-228-0100	713-228-0619
Texas	Laredo	Worldwide Automation	920 Santa Maria Ave	78040	956-727-0441	856-723-6258
Washington	Spokane	Air Electric Tools & Service	5603 EAST 3RD AVE	99202	800-348-8337	509-534-3752
Wisconsin	Greenbay	Power Tool Service Co	300 North Webster Ave	54301	920-437-2594	920-432-0726
Wisconsin	New Berlin	Pro Tool Center	16333 Rogers Drive	53151	262-432-9307	262-432-1283
Wisconsin	West Allis	Professional Tool Center	2236 South 116th Street	53227	414-321-1234	414-321-2524

### **AIRCAT WARRANTY**

AIRCAT and NITROCAT air tools are warranted to be free from defects in material and workmanship for 2 years from date of purchase. We will repair or replace; at our option any defective part or unit which proves to be defective in material or workmanship during this 2 year period. The foregoing obligation is AIRCAT and Florida Pneumatic's sole liability under this or any implied warranty, under no circumstances shall it be liable for any incidental or consequential damages.

This warranty applies to the tool only. The warranty does not apply to any attached accessories/consumable products; such as drill chucks, sander backing pads, air hammer retainers and chisels or "kit" accessories or any other accessory included with the tool.

Any repair required due to normal wear and tear, abuse, misuse, modification of the tool or repair attempts (by other than an AIRCAT or Florida Pneumatic Authorized Service Center) are not covered by this warranty.

Return your tool to an AIRCAT or Florida Pneumatic Authorized Service Center freight prepaid. Be sure to include your name, address, copy of purchase with date and description of the suspected defect.

AIRCAT whose policy is continued product improvement reserves the right to make changes in design or construction at any time without incurring any obligation on tools previously sold.

Tune-Up and Head Kits for all AIRCAT PNEUMATIC impact wrenches and ratchets are available. For Authorized Service Centers, please visit www.aircat.com.

## **INDUSTRY ASSOCIATIONS**











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#### **AIRCAT**

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