

BUILT BY PROFESSIONALS FOR PROFESSIONALS

2015 CATALOG

AIRCAT.COM



AIRCAT
PNEUMATIC TOOLS®

NITROCAT
XTREME
POWER



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.

For 2015 additional AIRCAT tools designed for use in the toughest tire and truck service applications have been added along with new additions for automotive refinishing, which feature low vibration and low weight.

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IMPACT WRENCHES

MORE POWER - LESS NOISE



AIRCAT offers the customer the most loosening torque in our impact wrench, while only creating 86 decibels of sound, compared to the industry average of

112 decibels. Most of the Pneumatic Tool industry measures tool performance on power and durability, which AIRCAT ranks in the top 2 in both categories amongst users.

Twin Hammer vs. Twin Clutch vs. Pinless 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

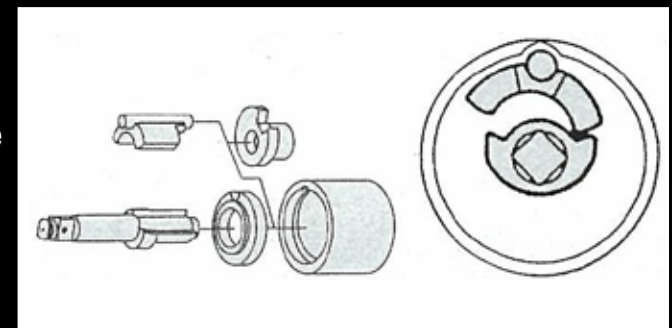


NITROCAT 1250-K model impact wrench uses a Smooth Powerful Twin Clutch Mechanism. The Hard Hitting Twin Clutch mechanism creates a high torque initial impact. The Twin Clutch design uses a hammer fixed directly onto the input shaft, with a pair of pins acting as clutches. When the hammer rotates past 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.



- "A 900 lb Gorilla"
- 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

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



- 1055-TH has 500 ft-lb maximum torque and 1075-TH has 400 ft-lb 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 & power management switch provides ultimate control and one-hand operation

SPECIFICATIONS

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.)
1055-TH	9,000	1/2	1/2	1600	500	N/A	2.75	4.25	6	3/8	1/4 NPT
1075-TH	6,500	1/2	3/8	1600	400	N/A	2.75	4.25	6	3/8	1/4 NPT

1300-TH 3/8" IMPACT WRENCH



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

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



- 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
- Provides 500 ft-lb high torque and 100 ft-lb low torque
- Molded in buffers protects tool from side impact
- Ergonomically designed grip and trigger provide ultimate operating comfort

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



- "Super Clutch" twin hammer mechanism
- 1,000 ft-lb Loosening torque
- Durable composite housing
- Patented ergonomically designed handle
- Patented quiet tuned exhaust (86 Decibels)
- Patented easy operation flip lever forward & reverse
- 1000-TH-2 Has extended 2" Anvil

SPECIFICATIONS

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.)
1300-TH	10,000	1/2	3/8	1650	350	N/A	2.62	6.25	6	3/8	1/4 NPT
1350-XL	10,000	1/2	3/8	1700	500	500 & 100	3.15	6.3	6	3/8	1/4 NPT
1000-TH	8,000	9/16	1/2	1300	800	N/A	4.50	7.5	8	3/8	1/4 NPT
1000-TH-2	8,000	9/16	1/2 x 2	1300	800	N/A	4.75	9.5	8	3/8	1/4 NPT

1150 1/2" IMPACT WRENCH



- Most powerful 1/2" impact in it's class!
- Hard hitting twin hammer mechanism
- 1,295 (ft-lb) loosening torque
- Durable composite housing
- Patented ergonomically designed handle
- Patented quiet tuned exhaust (86 Decibels)
- Patented easy operation flip lever forward and reverse



WATCH REVIEW

1275-XL HIGH-LOW TORQUE 1/2" IMPACT WRENCH



- 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
- Providing 800 ft-lb high torque and 150 ft-lb low torque
- Molded-in buffers protect tool from side impact
- Ergonomically designed grip and trigger provide ultimate operating comfort

1295-XL 1/2" COMPACT IMPACT WRENCH

Coming Soon!



- 900 ft-lb maximum torque and 1,150 ft-lb loosening torque.
- The shortest length full size 1/2" impact wrench available!
- One hand operation and control - unique "one click" fwd/rev hard hitting protected design" hammer cage front flange reduces vibration to 4.45 m/sec2
- Internal "silencing technology" reduces the noise level to 88 dBA
- The patented grip has been ergonomically designed to 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 & reliability

SPECIFICATIONS

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.)
1150	9,000	9/16	1/2	1400	900	N/A	4.5	8.25	8	3/8	1/4 NPT
1275-XL	8,000	3/4	1/2	1600	800	800 & 150	4.15	7.3	8	3/8	1/4 NPT
1295-XL	7,500	9/16	1/2	1600	900	N/A	4.6	6.62	8	3/8	1/4 NPT

1450 1/2" IMPACT WRENCH



- Refined design twin hammer increases blow frequency and blow efficiency
- 800 ft-lb Max. Torque
- 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 & handling comfort
- Brushed aluminum housing finish

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



- Refined design twin hammer increases blow frequency and blow efficiency
- 800 ft-lb max. Torque
- 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

SPECIFICATIONS

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.)
1450	9,000	9/16	1/2	1200	800	4.87	7.0	8	3/8	1/4 NPT
1450-2	9,000	9/16	1/2 x 2	1200	800	5.13	9.0	8	3/8	1/4 NPT

1460-XL 1/2" IMPACT WRENCH



- Hard hitting twin hammer mechanism
- 725 ft-lb max. Torque
- 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 & anvil
- Reliable throttle design with tease trigger

1460-XL-2 1/2" x 2" IMPACT WRENCH



- Hard hitting twin hammer mechanism
- 725 ft-lb max. Torque
- 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 & anvil
- Reliable throttle design with tease trigger

SPECIFICATIONS

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.)
1460-XL	9,500	9/16	1/2	1600	725	5.75	7.25	8	3/8	1/4 NPT
1460-XL-2	9,500	9/16	1/2	1600	725	6.0	9.25	8	3/8	1/4 NPT

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



- Hard hitting "Super Clutch" twin hammer mechanism
- 1,400 ft-lb Loosening torque
- Best suited for bus/large automotive use, large agricultural service vehicles, large bolt assembly
- Patented ergonomically designed handle
- Patented quiet tuned exhaust (86 Decibels)
- Patented easy operation flip lever forward and reverse

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



- Refined design twin hammer increases blow frequency and efficiency
- 1400 ft-lb maximum torque
- 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

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.)
1600-TH	4,500	7/8	3/4	900	1200	7.9	9.25	10	1/2	3/8 NPT
1770-XL	6,500	1	3/4	1300	1400	7.4	8.25	8	1/2	3/8 NPT

1680 3/4" "HEAVY DUTY" IMPACT WRENCH



- Durable hard hitting twin hammer mechanism
- 1,400 ft-lb Loosening torque
- Best suited for bus, large truck, tractor, large agricultural service vehicles, mining, construction and industrial bolt assembly
- High performance motor maximizes torque output
- Patented ergonomically designed handle

1680-6 3/4" x 6" EXTENDED "HEAVY DUTY" IMPACT WRENCH



- Durable hard hitting twin hammer mechanism
- 1,400 ft-lb Loosening torque
- Best suited for bus, large truck, tractor, large agricultural service vehicles, mining, construction and industrial bolt assembly
- High performance motor maximizes torque output
- Patented ergonomically designed handle
- 6" Extended anvil

1777 3/4" "SUPER DUTY" IMPACT WRENCH



- Refined design twin hammer increases blow efficiency and doubles hammer mechanism life
- 1400 ft-lb max. Torque and 1600 ft-lb loosening torque
- Hammer parts are made from triple heat treated Ni-cr-mo alloy steel for ultimate reliability
- Improved design ergonomic grip for maximum operating comfort
- Very fast torque development
- Combined six position power management and reverse knob for ultimate control

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.)
1680	4500	1	3/4	950	1200	12.6	8.9	8	1/2	3/8 NPT
1680-6	4500	1	3/4	950	1200	14.9	14.9	8	1/2	3/8 NPT
1777	6500	1	3/4	1600	1400	7.5	8.12	8	1/2	3/8 NPT

1891-1 1" LOW WEIGHT IMPACT WRENCH



- Hard hitting twin hammer mechanism
- 1700 ft-lb Max. Torque
- Fast run-down speed
- Weighs only 12 lbs
- Angled air inlet avoids air hose catching on ground
- Triple heat treated alloy steel hammers, hammer cage & anvil
- Rugged construction with reliable bolt-on assist handle
- Durable brushed aluminum motor housing



1891 1" x 8" LOW WEIGHT EXTENDED IMPACT WRENCH



- Hard hitting twin hammer mechanism
- 1700 ft-lb Maximum torque
- Fast run-down speed
- Weighs only 15.8 lbs
- Angled air inlet avoids air hose catching on ground
- Triple heat treated alloy steel hammers, hammer cage and anvil
- Rugged construction with reliable bolt-on assist handle
- Durable brushed aluminum motor housing



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.)
1891-1	6,000	1-1/4	1	1600	1700	12	12.9	8	1/2	1/2 NPT
1891	6,000	1-1/4	1 x 8	1600	1700	15.8	19	8	1/2	1/2 NPT

1893-1 1" IMPACT WRENCH



- Unique low wear pin-less hammer for ultimate reliability and added hitting power
- 1800 (ft-lb) Maximum torque
- Combined reverse and power management switch
- Latest technology precision engineered hammer mechanism and motor
- Triple heat treated alloy steel hammer cage and anvil
- Rugged construction with reliable bolt-on assist handle
- Hammer case can be repositioned for side handle to be on right side
- Durable brushed aluminum motor housing

1893 1" x 8" EXTENDED IMPACT WRENCH



- Unique low wear pinless hammer for ultimate reliability and added hitting power
- 1800 ft-lb Maximum torque
- Combined directional change and power management switch
- Latest technology precision engineered hammer mechanism and motor
- Triple heat treated alloy steel hammer cage and anvil
- Rugged construction with reliable bolt-on assist handle
- Hammer case can be repositioned for side handle to be on right side
- Durable brushed aluminum motor housing

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.)
1893	5,000	1-1/4	1 x 8	1400	1800	26	22.0	12	1/2	1/2 NPT
1893-1	5,000	1-1/4	1	1400	1800	23.25	14.0	12	1/2	1/2 NPT

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



Pinless Hammer



- 1900 ft-lb Maximum torque
- Low wear pinless hammer
- Aluminum housing with rubber over mold for increased protection
- Ergonomic trigger with rubber inlay for comfort
- Enlarged inner cavity of "D" handlegrip more suitable for U.S. users
- Rugged bolt-on side assist handle can be repositioned on right or left
- Triple heat treated Ni-Cr-Mo alloy steel hammer mechanism parts and anvil provide ultimate reliability
- Combined friction ring and through hole anvil
- 1900-A-1 Has short anvil

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



Pinless Hammer



- 2300 ft-lb Maximum torque
- Unique low wear pin-less hammer for ultimate reliability and added hitting power
- Combined reverse and power management switch
- Triple heat treated alloy steel hammer cage & anvil
- 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

1880-P-A 1" PISTOL IMPACT WRENCH



Pinless Hammer



- 1700 ft-lb maximum working torque
- 1900 ft-lb loosening torque
- 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 & power management switch provides control

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.)
1900-A	5,500	1-1/4	1 x 8	1600	1900	26.0	22.0	12	1/2	1/2 NPT
1900-A-1	5,500	1-1/4	1	1600	1900	24.2	15.5	12	1/2	1/2 NPT
1994	4,500	1-1/4	1 x 8	1100	2300	35.0	26.0	16	1/2	1/2 NPT
1880-P-A	4,800	1-1/4	1	900	1700	23.5	11.75	16	1/3	1/2 NPT

NITROCAT®



XTREME POWER

**The NITROCAT Professional
Series of Tools - Xtreme Power**

**All NITROCAT Models are Suited
for Heavy Duty Frame Work,
Medium to Heavy Duty Trucks**



NITROCAT Tools provide the highest torque in their class, features the latest ergonomic designs and styling. The patented flip over levers provide fast and instant control.

NITROCAT models 1200K and 1250K feature a low vibration twin clutch mechanism and hitting power. Both models feature Kevlar™ body armor for ultimate durability.

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



- The NITROCAT 1355-XL is a no non-sense, hard hitting 3/8" impact wrench that incorporates the twin hammer mechanism
- Industry leading 700 ft-lb of loosening torque and 1,350 blows per minute
- 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 & reverse
- Great for brake calipers, transmission work

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



- The NITROCAT 1375-XL is a no non-sense, hard hitting 1/2" impact wrench that incorporates the twin hammer mechanism
- Industry leading 700 ft-lb of loosening torque and 1,350 blows per minute
- 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 & reverse
- Great for brake calipers, transmission work

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.)
1355-XL	10,000	1/2	3/8	1350	500	2.75	6.0	6	3/8	1/4 NPT
1375-XL	10,000	1/2	1/2	1350	500	2.75	6.0	6	3/8	1/4 NPT

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



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

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



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

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.)
1200-K	8,000	9/16	1/2	950	900	4.5	8.25	8	3/8	1/4 NPT
1250-K	8,500	9/16	1/2	1000	950	4.5	8.25	8	3/8	1/4 NPT

RATCHETS



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



- Strongest 1/4" Ratchet in its class!
- 45 ft-lb Loosening torque
- 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

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



- Strongest 3/8" Mini Ratchet in its class!
- 45 ft-lb Loosening torque
- 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

802 3/8" COMPOSITE TWIN PAWL RATCHET



- Strongest 3/8" ratchet in its class!
- 90 ft-lb Loosening 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

SPECIFICATIONS

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.)
800	320	3/8	1/4	5-35 ft-lb	35	1.63	8.5	4	3/8	1/4 NPT
801	320	3/8	3/8	5-35 ft-lb	35	1.63	8.5	4	3/8	1/4 NPT
802	280	3/8	3/8	5-70 ft-lb	70	2.75	10.5	4	3/8	1/4 NPT

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

803-RW 3/8" REACTION-LESS RATCHET



- Internal impact mechanism eliminates torque reaction and risk of finger trapping
- 80 ft-lb Maximum torque
- 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 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

WARNING: Use with care to avoid finger trapping.

SPECIFICATIONS

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.)
804	280	3/8	1/4	30	1.55	7.15	4	3/8	1/4 NPT
803-RW	600	3/8	3/8	80	2.4	10.5	4	3/8	1/4 NPT
805-HT	180	5/8	3/8	130	3.3	12.45	6	3/8	1/4 NPT



GRINDERS & CUT-OFF TOOLS

AIRCAT Die Grinders & Cut-off Tools feature patented internal silencing. The most comfortably designed triggers in the industry and ergonomically designed grips.

The precision collets, spindles and gears provide low service run-out and long life.

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

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

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

SPECIFICATIONS

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.)
6200	20,000	3/8	1/4	Direct Drive	Rear	.9	6.5	4	3/8	1/4 NPT
6201	22,000	1/2	1/4	Direct Drive	Rear	1.1	8.5	6	3/8	1/4 NPT
6210	22,000	1/2	1/4	Direct Drive	Rear	2.5	13.5	6	3/8	1/4 NPT
6255	20,000	1/2	1/4	Spiral-Bevel	Rear	1.1	7.0	6	3/8	1/4 NPT

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

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

6275-A 4" COMPOSITE INSIDE CUT-OFF TOOL



- 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 degrees with 4" wheel
- Superior steel grade internal gears for longer life
- New 1.0 HP motor eliminates "stall" and increases reliability
- 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



- 11,000 RPM, 5/8"-11 Spindle
- 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

SPECIFICATIONS

Model No.	Free Speed (RPM)	Motor (HP)	Collet / Wheel-Size (in)	Gears	Cutting Capacity	Exhaust	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.)
6505	20,000	1/2	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	1.75	9.0	6	3/8	1/4 NPT
6520	18,000	1/2	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	1.6	7.0	4	3/8	1/4 NPT
6275-A	14,000	1.0	4	Spiral Bevel	3/4" Rolled Steel / 18 Gauge	Rear	3.75	15.5	6	3/8	1/4 NPT
6340	11,000	1.0	4-1/2	Spindle Drive	N/A	Rear	2.25	8.75	6	3/8	1/4 NPT

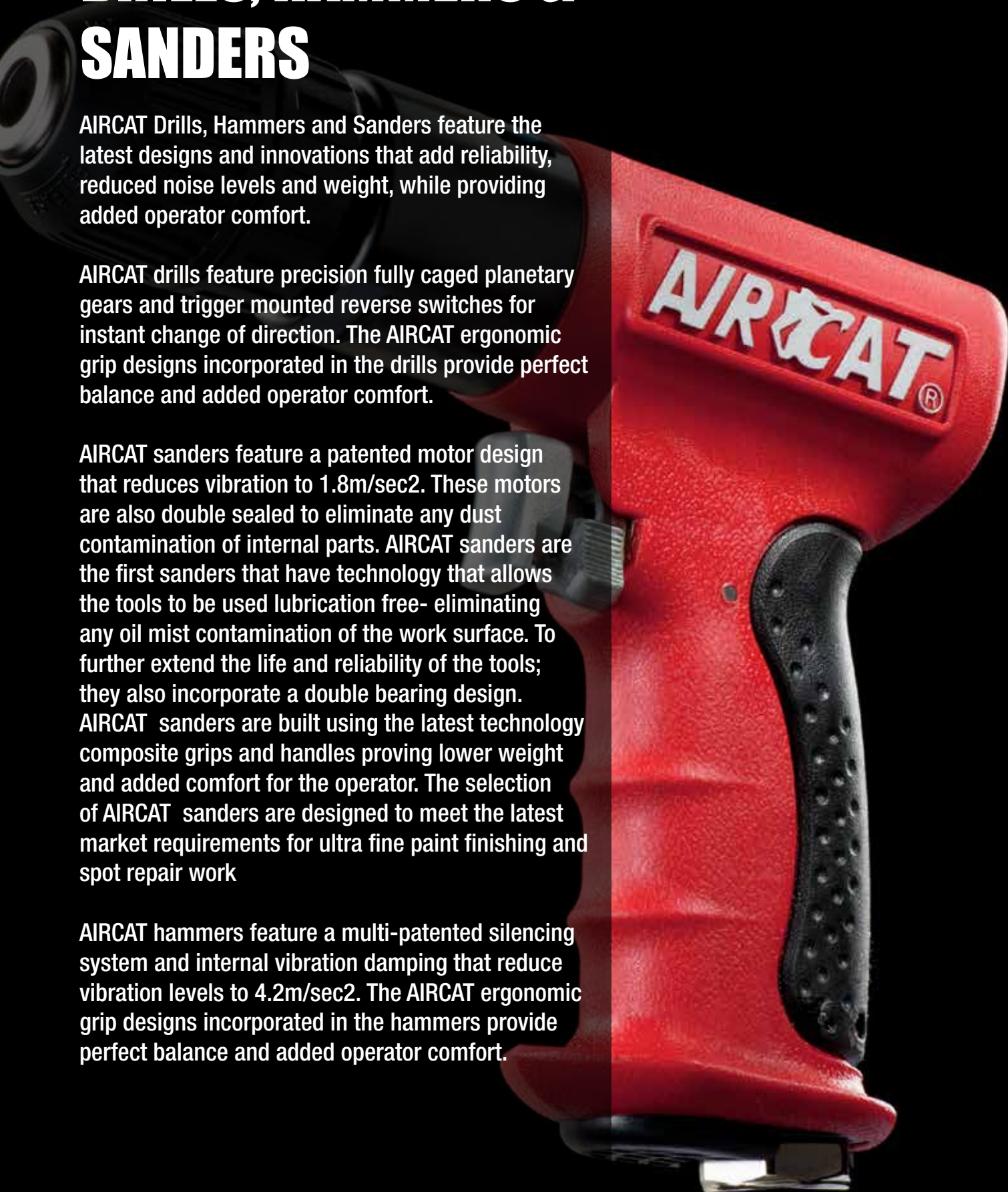
DRILLS, HAMMERS & SANDERS

AIRCAT Drills, Hammers and Sanders feature the latest designs and innovations that 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 1.8m/sec^2 . 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 4.2m/sec^2 . 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 quiet 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)

5100-AT COMPOSITE AIR HAMMER



- 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/s
- Sheer power of 3,000 Blows per minute makes this the strongest hard hitting air hammer on the market
- High quality safety-lock retainer for ease of chisel change and added safety
- Model 5100-A Includes "Blow Mold Kit with 5-Chisel Set & Quick Change Retainer"

5100-A

SPECIFICATIONS

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.)
4338	1,800	5/8	3/8	Planetary	3/8 x 24	2.5	7.0	6	3/8	1/4 NPT
4450	400	5/8	1/2	Planetary	3/8 x 24	3.0	8.0	6	3/8	1/4 NPT
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.)
5100-A-T	3,000	2-5/8	.401"	Safety-lock	Plate	3.3	7.6	6	3/8	1/4 NPT

6300 6" PALM GRIP SANDER



- 11,000 RPM
- 3/16" Orbit (2.5 mm)
- Low weight (1.8 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
- 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 4-1/4" high

6310 6" DUAL ACTION SANDER



- 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
- 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

6320 SPOT SANDER



- Features internal 1/8" orbital head for ultra-fine sanding and polishing
- The combined spindle-counter balance reduces vibration levels to 1.8m/sec and adds reliability
- Precision alloy steel spiral-bevel gears extend tool life
- Supplied complete with Velcro® 1.25" & 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 as 10pc of each grit size
- Lamb wool and sponge polishing bonnets/pads are also available separately
- The internal silencing system reduces noise levels to 78

SPECIFICATIONS

Model No.	Free Speed (RPM)	Pad Size (in.)	Spindle Thread (in.)	Orbit Off-set (in.)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.)
6300	11,000	6	5/16 - 24	3/16	1.75	7.0	2.5	3/8	1/4 NPT
6310	10,000	6	5/16 - 24	3/16	2.25	10.5	2.5	3/8	1/4 NPT
6320	13,000	1 x 2	1/4	1/8	1.1	6.1	2.5	3/8	1/4 NPT

TECHNICAL INFORMATION

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 Manufacturers 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.

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.



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