


AIRCAT[®]

2024-2025 PRODUCT CATALOG



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 provides substantially reduced noise levels while retaining maximum 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 a 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®, NITROCAT® and VIBROTHERM DRIVE® brands.

VIBROTHERM DRIVE® is an AIRCAT® patented mechanism that provides faster blow frequency, high torque, low vibration and a longer working life than other conventional impact wrench mechanisms.

AIRCAT® sanders feature a patented motor design that reduces vibration to 1.8 m/sec^2 . AIRCAT® sanders are the first sanders with technology that allows the tools to be used lubrication free, eliminating any oil mist contamination of the work surface. Built using the latest technology, AIRCAT® sanders are designed to meet the latest market requirements for ultra fine paint finishing and spot repair work.

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IMPACT WRENCHES

MORE POWER - LESS NOISE



AIRCAT® offers the most loosening torque in our impact wrench, while only creating 86 dBA of sound, compared to the industry average of 112 dBA. 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.

AIRCAT® offers a large selection of impact wrenches from 3/8" to 1" drive ranging from 80 ft-lb. to 2300 ft-lb. of torque.



AIRCAT IMPACT WRENCH MECHANISMS AND PERFORMANCE CHARACTERISTICS

VIBROTHERM DRIVE® is a new AIRCAT® patented mechanism that provides faster blow frequency, high torque, low vibration and a longer working life than other conventional impact wrench mechanisms. In addition, it reduces overall tool length. The cage is driven by the motor that drives the two hammers to generate two blows for each revolution. The elimination of hammer pins and the addition of the front hammer cage plate, that retains the grease within the mechanism, reduces wear within the mechanism increasing working life.



The **TWIN HAMMER** is the most widely used impact wrench mechanism that provides fast blow frequency and high torque. The mechanism is most found in the AIRCAT® 3/8", 1/2" and 3/4" impact wrenches. The cage is driven by the motor that drives the twin hammers that rock on hammer pins that pass through the hammer cage to generate two blows for each revolution.



The **PIN-LESS HAMMER** is used in AIRCAT® 1" impact wrenches. The PIN-LESS mechanism has a more positive drive and uses fewer moving parts – this design increases reliability for heavy duty applications. The large single hammer provides hard hitting power to achieve rapid high torque. The cage is driven by the motor that drives the large single hammer to generate one hard hitting blow for each revolution.



The **TWIN CLUTCH** is featured in NITROCAT 1/2" impact wrenches and 1750-K 3/4" impact wrenches. The twin clutch is specifically designed to provide smooth and powerful operation and to create high initial torque. This mechanism outperforms other mechanism in high torque engine service and repair work, and particularly for removal of stubborn crank shaft bolts. When the hammer rotates past the anvil, a ball pushes the pins forward engaging them with the anvil, the pins are then pushed backwards by the spring. This mechanism has very fast acceleration that creates the high initial torque.



The **JUMBO HAMMER** is used in AIRCAT® and NITROCAT® compact impact wrenches. The JUMBO hammer enables AIRCAT® to provide high torque and high reliability in its smallest impact wrenches. The cage is driven by the motor that drives the single JUMBO hammer that rocks on hammer pins that pass through the hammer cage to generate one hard hitting blow for each revolution.



The **TWO JAW CLUTCH** is featured exclusively in the AIRCAT® 1890-P 1" Pistol Grip Impact Wrench. The TWO JAW clutch provides unparalleled torque output and longer life than any other mechanism. The cage is driven by the motor and the jaws on the cage directly drive the anvil. This action eliminates the customary hammering, increasing torque and reducing wear. The internal spring then disengages the jaws to turn to the next drive cycle. The mechanism is ideal for heavy duty off road vehicle work and steel erection.



IMPACT WRENCHES



1320 3/8" BUTTERFLY IMPACT WRENCH

- Provides 80 ft-lb of maximum torque and 100 ft-lb of loosening 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 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
- Twin hammer mechanism reduces vibration while increasing reliability



1077-TH 3/8" STUBBY IMPACT WRENCH



- Provides 500 ft-lb of maximum torque and 700 ft-lb of loosening 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 forward/reverse and power management switch provides ultimate control and one-hand operation



1057-THBB
Black AIRCAT® Boot
Fits Models: 1077-TH and 1057-TH

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 NPT (in.)
1320	10,000	1/2	3/8	1800	80	1.10	5.40	8	3/8	1/4
1077-TH	9,000	1/2	3/8	1600	500	2.80	3.85	6	3/8	1/4

3/8"



1076-XL 3/8" NITROCAT® COMPOSITE COMPACT IMPACT WRENCH

- Provides 550 ft-lb maximum torque and 750 ft-lb of loosening 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
- Patented trigger mounted combined forward/reverse and power management switch provides ultimate control and one-hand operation



1056-XLBB
Black AIRCAT® Boot
Fits Models: 1076-XL and 1056-XL



1059-VXL 3/8" VIBROTHERM DRIVE® COMPOSITE COMPACT IMPACT WRENCH 1059-VXL-P 3/8" VIBROTHERM DRIVE® COMPOSITE IMPACT WRENCH WITH PIN ANVIL

- Provides 550 ft-lb maximum torque and 750 ft-lb of loosening torque
- VIBROTHERM DRIVE® impact wrenches incorporates the new patented AIRCAT® design impact wrench mechanism
- The patented VIBROTHERM DRIVE® hammer mechanism reduces vibration levels by 30%-40% and increases the life of the tool by 50%
- The latest patented AIRCAT® muffler system provides the unmatched low noise levels (85 dBA)
- The patented grip design provides the customary AIRCAT® operator comfort



1058-VXLBB
Black AIRCAT® Boot
Fits Models: 1059-VXL and 1058-VXL

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 NPT (in.)
1076-XL	9,000	9/16	3/8	1650	550	2.50	4.25	8	3/8	1/4
1059-VXL	9,000	9/16	3/8	1700	550	2.80	4.40	8	3/8	1/4
1059-VXL-P	9,000	9/16	3/8	1700	550	2.80	4.40	8	3/8	1/4

IMPACT WRENCHES



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

- Provides 500 ft-lb maximum torque and 600 ft-lb of loosening torque
- Refined design twin hammer increases blow frequency and efficiency while reducing wear
- Unique High-Low torque switch for instant change of power in forward and reverse provides one hand operation
- Molded buffers protects tool from side impact
- Ergonomically designed grip and trigger provide ultimate operating comfort
- Push button forward/reverse



1300-TH-A **3/8" COMPOSITE IMPACT WRENCH**

- Provides 450 ft-lb maximum torque and 600 ft-lb of loosening torque
- "Super Clutch" Twin Hammer Mechanism
- Durable composite housing
- Patented ergonomically designed housing
- Patented quiet tuned exhaust (86 dBA)
- Patented easy operation flip lever forward and reverse



1300-THBB
Black AIRCAT® Boot
Fits Model: 1300-TH and 1300-TH-A

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 NPT (in.)
1350-XL	10,000	1/2	3/8	1700	500	3.15	6.30	6	3/8	1/4
1300-TH-A	10,000	1/2	3/8	1750	450	2.63	6.75	6	3/8	1/4

3/8"-1/2"



1355-XL

3/8" NITROCAT® COMPOSITE IMPACT WRENCH

- Provides 500 ft-lb maximum torque and 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
- Durable reinforced composite housing
- Great for brake calipers and transmission work



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

1057-TH

1/2" STUBBY IMPACT WRENCH



- Provides 500 ft-lb of maximum torque and 700 ft-lb of loosening 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 forward/reverse and power management switch provides ultimate control and one-hand operation



1057-THBB
Black AIRCAT® Boot
Fits Models: 1077-TH and 1057-TH

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 NPT (in.)
1355-XL	10,000	1/2	3/8	1350	500	2.75	6.00	6	3/8	1/4
1057-TH	9,000	1/2	1/2	1600	500	2.80	3.85	6	3/8	1/4

IMPACT WRENCHES



1056-XL 1/2" NITROCAT COMPOSITE COMPACT IMPACT WRENCH

- Provides 550 ft-lb maximum torque and 750 ft-lb of loosening 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
- Patented trigger mounted combined forward/reverse and power management switch provides ultimate control and one-hand operation



1056-XLBB
Black AIRCAT® Boot
Fits Models: 1056-XL and 1076-XL



1058-VXL 1/2" VIBROTHERM DRIVE® COMPOSITE COMPACT IMPACT WRENCH

- Provides 550 ft-lb maximum torque and 750 ft-lb of loosening torque
- VIBROTHERM DRIVE® impact wrenches incorporates the new patented AIRCAT® design impact wrench mechanism
- The patented Vibrotherm hammer mechanism reduces vibration levels by 30%-40% and increases the life of the tool by 50%
- The latest patented AIRCAT® muffler system provides the AIRCAT's unmatched low noise levels (85 dBA)
- The patented grip design provides the customary AIRCAT® operator comfort
- Investment in tooling, materials, and the triple injection molding processes enables AIRCAT® to produce cosmetic designs that are unmatched in the industry



1058-VXLBB
AIRCAT® VIBROTHERM DRIVE® Boot
Fits Models: 1059-VXL and 1058-VXL

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 NPT (in.)
1056-XL	9,000	9/16	1/2	1650	550	2.50	4.25	8	3/8	1/4
1058-VXL	9,000	9/16	1/2	1700	550	2.80	4.40	8	3/8	1/4

1/2"



1375-XL 1/2" NITROCAT® COMPOSITE IMPACT WRENCH

- Provides 500 ft-lb maximum torque and 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 reinforced composite housing



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



1000-TH 1/2" COMPOSITE IMPACT WRENCH 1000-TH-2 1/2" COMPOSITE IMPACT WRENCH WITH 2" EXTENDED ANVIL

- Provides 800 ft-lb maximum torque and 1,000 ft-lb of loosening torque
- "Super Clutch" twin hammer mechanism
- Durable composite housing
- Patented ergonomically designed handle
- Patented quiet tuned exhaust (86 dBA)
- Patented easy operation flip lever forward and reverse



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

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 NPT (in.)
1375-XL	10,000	1/2	1/2	1350	500	2.75	6.00	6	3/8	1/4
1000-TH	8,000	9/16	1/2	1300	800	4.50	7.50	8	3/8	1/4
1000-TH-2	8,000	9/16	1/2 x 2	1300	800	4.75	9.50	8	3/8	1/4

IMPACT WRENCHES



1120 1/2" COMPOSITE IMPACT WRENCH



- Provides 650 ft-lb maximum torque and 750 ft-lb of loosening torque
- Hard hitting twin hammer mechanism
- Rear mounted forward/reverse power management lever
- Low weight composite housing weighs only 4.8 lbs.
- Built in noise reduction



1125 1/2" COMPOSITE IMPACT WRENCH

- Provides 1000 ft-lb maximum torque and 1,250 ft-lb of loosening torque
- Market leading technology sets industry standard for weight, size, and power in the 1/2" impact category
- Hard hitting twin hammer mechanism
- Low weight - only 3.8 lbs.
- Durable composite housing with low weight magnesium hammer case
- Patented ergonomically designed handle
- Patented quiet tuned exhaust (87 dBA)
- Easy to use rear forward and reverse and power management lever



1125-BB
Black AIRCAT® Boot
Fits Model: 1125

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 NPT (in.)
1120	7,500	9/16"	1/2	1050	650	4.8	7.66	5.5	3/8	1/4"
1125	8,500	9/16	1/2	1600	1,000	3.80	7.10	8	3/8	1/4

1/2"

1150 1/2" COMPOSITE IMPACT WRENCH

- Provides 900 ft-lb maximum torque and 1,295 ft-lb of loosening torque
- Hard hitting twin hammer mechanism
- Durable composite housing
- Patented ergonomically designed handle
- Patented quiet tuned exhaust (86 dBA)
- Patented easy operation flip lever forward and reverse



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

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 NPT (in.)
1150	9,000	9/16	1/2	1400	900	4.50	7.50	8	3/8	1/4

IMPACT WRENCHES

VIBROTHERM
by **AIRCAT DRIVE**



1178-VXL **1/2" VIBROTHERM DRIVE®** **COMPOSITE IMPACT WRENCH**

1178-VXL-P **1/2" VIBROTHERM DRIVE® COMPOSITE IMPACT WRENCH** **WITH PIN ANVIL**

- Provides 950 ft-lb maximum torque and 1,300 ft-lb of loosening torque
- VIBROTHERM DRIVE® impact wrenches incorporates the new patented AIRCAT® design impact wrench mechanism
- The patented Vibrotherm hammer mechanism reduces vibration levels by 30%-40% and increases the life of the tool by 50%
- The latest patented AIRCAT® muffler system provides the AIRCAT's unmatched low noise levels (86 dBA)
- The patented grip design provides the customary AIRCAT® operator comfort



1178-VXLBB
AIRCAT® VIBROTHERM DRIVE® Boot
Fits model: 1178-VXL, 1178-VXL-2

VIBROTHERM
by **AIRCAT DRIVE**



1178-VXL-2 **1/2" VIBROTHERM DRIVE®** **COMPOSITE IMPACT WRENCH WITH** **2" EXTENDED ANVIL**

- Provides 950 ft-lb maximum torque and 1,300 ft-lb of loosening torque
- VIBROTHERM DRIVE® impact wrenches incorporates the new patented AIRCAT® design impact wrench mechanism
- The patented Vibrotherm hammer mechanism reduces vibration levels by 30%-40% and increases the life of the tool by 50%
- The latest patented AIRCAT® muffler system provides the AIRCAT's unmatched low noise levels (86 dBA)
- The patented grip design provides the customary AIRCAT® operator comfort



1178-VXLBB
AIRCAT® VIBROTHERM DRIVE® Boot
Fits model: 1178-VXL, 1178-VXL-2

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 NPT (in.)
1178-VXL	7,500	9/16	1/2	1400	950	4.50	6.40	8	3/8	1/4
1178-VXL-P	7,500	9/16	1/2	1400	950	4.50	6.40	8	3/8	1/4
1178-VXL-2	7,500	9/16	1/2	1400	950	4.70	8.40	8	3/8	1/4



1200-K 1/2" NITROCAT® COMPOSITE TWIN CLUTCH IMPACT WRENCH

- Provides 900 ft-lb maximum torque and 1,295 ft-lb of loosening torque
- Hard hitting smooth twin clutch mechanism
- Durable reinforced composite 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)



1200-KBR
Red Flame NITROCAT® Boot
Fits model: 1200-K



1250-K 1/2" NITROCAT® COMPOSITE TWIN CLUTCH IMPACT WRENCH

- Provides 950 ft-lb maximum torque and 1,300 ft-lb of loosening torque
- The NITROCAT 1250-K is a fearless, hard hitting, 1/2" impact wrench that outperforms anything in its class!
- Hard hitting smooth twin clutch mechanism
- Durable reinforced composite 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-KBB
Nitrocat® Black Boot
Fits model: 1250-K

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 NPT (in.)
1200-K	8,000	9/16	1/2	950	900	4.50	8.25	8	3/8	1/4
1250-K	8,500	9/16	1/2	1000	950	4.50	8.25	8	3/8	1/4

IMPACT WRENCHES



1431 1/2" IMPACT WRENCH



- Provides 800 ft-lb maximum torque and 1,000 ft-lb of loosening torque
- Hard hitting twin hammer mechanism delivers maximum power
- Grip is 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-BB
Grey Smoke AIRCAT® Boot
Fits Models: 1431, 1431-2



1431-2 1/2" IMPACT WRENCH WITH 2" EXTENDED ANVIL



- Provides 800 ft-lb maximum torque and 1,000 ft-lb of loosening torque
- Hard hitting twin hammer mechanism delivers maximum power
- Grip is 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

Includes 1 each.
Grey Pneumatic® Thin Wall Flip
Socket (19mm / 21 mm)



1431-BB
Grey Smoke AIRCAT® Boot
Fits Models: 1431, 1431-2

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 NPT (in.)
1431	9,000	9/16	1/2	1600	800	5.70	7.20	8	3/8	1/4
1431-2	9,000	9/16	1/2 x 2	1600	800	6.00	9.20	8	3/8	1/4

1/2"



1450 **1/2" IMPACT WRENCH**

1450-2 **1/2" IMPACT WRENCH WITH 2" EXTENDED ANVIL**

- Provides 800 ft-lb maximum torque and 1,000 ft-lb of loosening torque
- Refined design twin hammer increases blow frequency and efficiency
- Very fast torque development
- Ergonomically designed grip provides maximum operating comfort
- Six position power management switch in back cap provides ultimate control
- Brushed aluminum housing



1460-XL **1/2" HIGH AIR PRESSURE IMPACT WRENCH**

1460-XL-2 **1/2" HIGH AIR PRESSURE IMPACT WRENCH WITH 2" EXTENDED ANVIL**

- Provides 725 ft-lb maximum torque and 900 ft-lb of loosening 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 durability
- Cross bolt style forward/reverse and power management control
- Triple heat treated alloy steel hammers, hammer cage and 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 NPT (in.)
1450	9,000	9/16	1/2	1200	800	4.90	7.00	8	3/8	1/4
1450-2	9,000	9/16	1/2 x 2	1200	800	5.10	9.00	8	3/8	1/4
1460-XL	9,600	9/16	1/2	1600	725	5.75	7.25	8	3/8	1/4
1460-XL-2	9,600	9/16	1/2 x 2	1600	725	6.00	9.25	8	3/8	1/4

IMPACT WRENCHES



1600-TH-A 3/4" COMPOSITE IMPACT WRENCH

- Provides 1,400 ft-lb maximum torque and 1,600 ft-lb of 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 quiet tuned exhaust (86 dBA)
- Patented easy operation flip lever forward and reverse
- Combined through hole and friction ring socket retainer



1600-THBB
Black Aircat® Boot
Fits Models: 1600-TH, 1600-TH-A
and 1600-TH-A1



1778-VXL 3/4" VIBROTHERM DRIVE® COMPOSITE IMPACT WRENCH

- Provides 1,450 ft-lb maximum torque and 1,700 ft-lb of loosening torque
- VIBROTHERM DRIVE® impact wrenches incorporates the new patented AIRCAT® design impact wrench mechanism
- The patented Vibrotherm hammer mechanism reduces vibration levels by 30%-40% and increases the life of the tool by 50%
- The latest patented AIRCAT® muffler system provides the AIRCAT's unmatched low noise levels
- The patented grip design provides the customary AIRCAT® operator comfort
- Investment in tooling, materials, and the triple injection molding processes enables AIRCAT® to produce cosmetic designs that are unmatched in the industry



1778-VXLBB
AIRCAT® VIBROTHERM DRIVE® Boot
Fits Model: 1778-VXL

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 NPT (in.)
1600-TH-A	4,500	7/8	3/4	900	1400	8.10	9.25	10	1/2	3/8
1778-VXL	5,400	1	3/4	1300	1450	7.70	7.70	8	1/2	3/8



1750-K 3/4" NITROCAT® COMPOSITE TWIN CLUTCH IMPACT WRENCH

- Provides 1,300 ft-lb maximum torque and 1,500 ft-lb of loosening torque
- Smooth twin clutch mechanism for fast torque build-up and low vibration
- Durable reinforced composite housing
- Patented "silencing technology" reduces noise to (90 dBA)
- Patented ergonomic grip for comfort
- Combined through hole and friction ring socket retainer



1680-A 3/4" IMPACT WRENCH 1680-A-6 3/4" IMPACT WRENCH WITH 6" ANVIL

- Provides 1,400 ft-lb maximum torque and 1,600 ft-lb of loosening torque
- Durable hard hitting twin hammer mechanism
- Patented "Silencing Technology" reduces noise to (89 dBA)
- Patented AIRCAT® grip
- Combined power management forward/reverse 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

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 NPT (in.)
1750-K	4,500	7/8	3/4	1000	1300	9.00	9.75	8	1/2	3/8
1680-A	4,500	1	3/4	950	1400	12.50	8.90	8	1/2	3/8
1680-A-6	4,500	1	3/4 X 6	950	1400	14.80	14.80	8	1/2	3/8

IMPACT WRENCHES



1777 3/4" IMPACT WRENCH

- Provides 1,400 ft-lb maximum torque and 1,600 ft-lb of loosening torque
- Refined design twin hammer increases blow efficiency and increases 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
- Very fast torque development
- Combined six position power management and reverse knob for ultimate control



1777K 3/4" IMPACT WRENCH KIT

Includes: 1777 3/4" 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 NPT (in.)
1777 1777K	6500	1	3/4	1600	1400	7.50	8.10	8	1/2	3/8

3/4"



1770-XL 3/4" COMPOSITE IMPACT WRENCH

- Provides 1,400 ft-lb maximum torque and 1,600 ft-lb of 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



1770-XLBB
Black AIRCAT® Boot
Fits Model: 1770-XL

1770-XLK 3/4" COMPOSITE IMPACT WRENCH KIT

Includes: 1770-XL 3/4" Composite 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 NPT (in.)
1770-XL 1770-XLK	6,500	1	3/4	1300	1400	7.40	8.25	8	1/2	3/8

IMPACT WRENCHES



1600-TH-A1 **1" COMPOSITE PISTOL GRIP** **IMPACT WRENCH**

- Provides 1,400 ft-lb maximum torque and 1,600 ft-lb of loosening torque
- Hard hitting "Super Clutch" twin hammer mechanism
- Patented ergonomically designed handle
- Patented quiet tuned exhaust (86 dBA)
- Patented easy operation flip lever forward and reverse
- Combined through hole and friction ring socket retainer
- Best suited for large bolt assembly and heavy duty equipment vehicles in the automotive, service, and agricultural industry



1600-THBB
Black Aircat® Boot
Fits Models: 1600-TH, 1600-TH-A
and 1600-TH-A1



1870-P **1" SUPER DUTY COMPOSITE** **PISTOL GRIP IMPACT WRENCH**

1870-P-6 **1" SUPER DUTY COMPOSITE** **PISTOL GRIP IMPACT WRENCH WITH 6" ANVIL**

- Provides 1,900 ft-lb maximum torque and 2,100 ft-lb of loosening torque
- Unmatched power to weight ratio
- Low weight impact-resistant housing
- Features combined friction-ring and through-hole socket retainers
- Offset side handle design prevents operators hand from getting too close to work area



Weights only
12.95 lbs



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 NPT (in.)
1600-TH-A1	4,500	1-1/4	1	1100	1400	8.25	9.25	10.0	1/2	3/8
1870-P	7,500	1-1/4	1	1900	1900	12.95	10.70	10.5	1/2	1/2
1870-P-6	7,500	1-1/4	1 x 6	1900	1900	14.52	16.40	10.5	1/2	1/2

1" PISTOL

1880-P-A

1" PISTOL GRIP IMPACT WRENCH



- Provides 1,700 ft-lb maximum torque and 1,900 ft-lb of loosening torque
- Hard hitting pin-less hammer mechanism
- Molded hammer case protective cover
- Uniquely designed combined rear protective gasket/band prevents band from moving out of position
- Rugged bolt-on side assist handle
- Low wear pin-less hammer
- Noise level to (88 dBA)
- Combined forward/reverse power management switch provides better control
- Combined through hole and friction ring socket retainer

1890-P

1" TWO JAW PISTOL GRIP IMPACT WRENCH



- Provides 2,000 ft-lb maximum torque and 2,500 ft-lb of 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 average
- Designed for fleet, 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

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 NPT (in.)
1880-P-A	4,800	1-1/4	1	900	1700	23.50	11.75	16.0	1/2	1/2
1890-P	4,200	1-1/4	1	1200	2000	24.00	11.00	24.5	1/2	1/2

IMPACT WRENCHES

1893

1" STRAIGHT IMPACT WRENCH WITH 7" EXTENDED ANVIL

- 1800 ft-lb Maximum torque and 2,000 ft-lb loosening torque
- Unique low wear pinless hammer for ultimate reliability and added hitting power
- Combined forward/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

1" STRAIGHT IMPACT WRENCH

1993-VXL

1" VIBROTHERM DRIVE® COMPOSITE STRAIGHT IMPACT WRENCH WITH 7" ANVIL

- Provides 2,100 ft-lb maximum torque and 2,300 ft-lb of loosening torque
- VIBROTHERM DRIVE® impact wrenches incorporates the new patented AIRCAT® design impact wrench mechanism
- The new mechanism reduces vibration levels by 30%-40% and increases the life of the mechanism by 50%
- 6,000 RPM Free Speed
- Unmatched power-to-weight ratio
- Rubber handle grip and rubberized trigger inserts for ultimate comfort
- Combined friction-ring and through-hole socket retainer
- Investment in tooling, materials, and the triple injection molding processes enables AIRCAT® to produce cosmetic designs that are unmatched in the industry



1993-1-VXL

1" VIBROTHERM DRIVE® COMPOSITE STRAIGHT IMPACT WRENCH

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 NPT (in.)
1893	5,000	1-1/4	1 x 8	1,400	1800	26.00	22.50	12	1/2	1/2
1893-1	5,000	1-1/4	1	1,400	1800	23.20	14.00	12	1/2	1/2
1993-VXL	6,000	1-1/4	1 x 7	950	2100	20.20	18.70	10	1/2	1/2
1993-1-VXL	6,000	1-1/4	1	950	2100	18.50	13.40	10	1/2	1/2

1" STRAIGHT

1992-A

1" STRAIGHT IMPACT WRENCH WITH 7" EXTENDED ANVIL

- Provides 1,800 ft-lb maximum torque and 2,000 ft-lb of loosening torque
- Low maintenance pin-less hammer provides ultimate reliability and added hitting power
- Features enlarged inner cavity of rotating "D" handle grip
- Combined forward/reverse and power management switch
- Triple heated Ni-Cr-Mo alloy steel hammer mechanism parts and anvil provides ultimate reliability
- Combined through hole and friction ring socket retainer
- Rubberized protective motor housing cover to protect from damage
- Cranked back side assist handle to improve access to deep rim wheels



1992-A-1

1" STRAIGHT IMPACT WRENCH

1994

1" SUPER DUTY STRAIGHT IMPACT WRENCH WITH 8" EXTENDED ANVIL

- Provides 2,300 ft-lb maximum torque and 2,500 ft-lb of loosening torque
- Low maintenance pin-less hammer provides ultimate reliability and added hitting power
- Combined forward/reverse and power management switch
- Triple heat treated alloy steel hammer cage and anvil
- Rugged construction with reliable bolt-on assist side handle
- Hammer case can be repositioned for the side handle to be on right or left side
- Brushed aluminum motor housing
- AIRCAT's most reliable 1" Impact Wrench
- Combined through hole and friction ring socket retainer

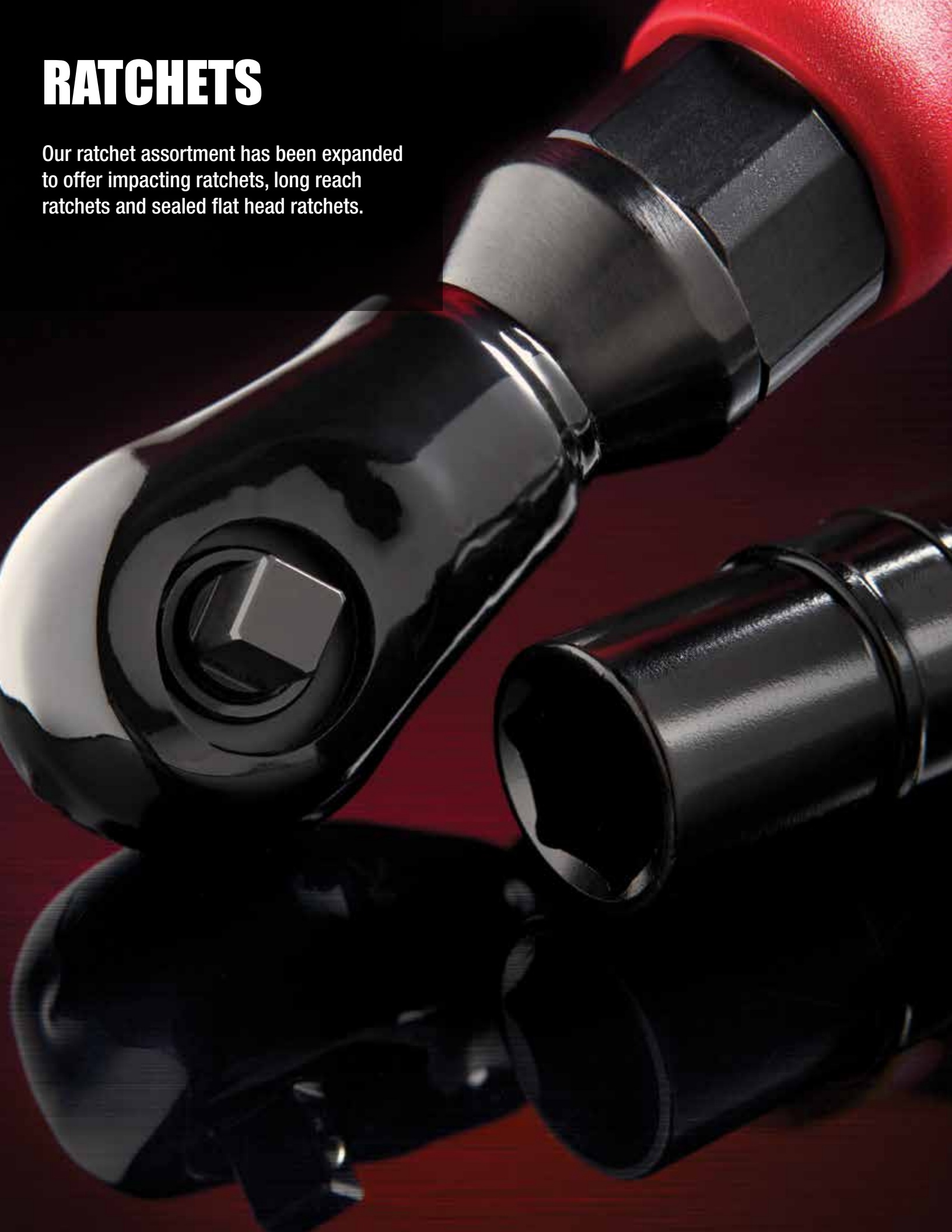


SPECIFICATIONS

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 NPT (in.)
1992-A	5,000	1-1/4	1 x 8	1600	1800	27.8	20.2	12	1/2	1/2
1992-A-1	5,000	1-1/4	1	1600	1800	25.2	15.5	12	1/2	1/2
1994	4,500	1-1/4	1 x 8	1100	2300	35.00	26.00	16	1/2	1/2

RATCHETS

Our ratchet assortment has been expanded to offer impacting ratchets, long reach ratchets and sealed flat head ratchets.





807-25

1/4" "MINI" PALM RATCHET

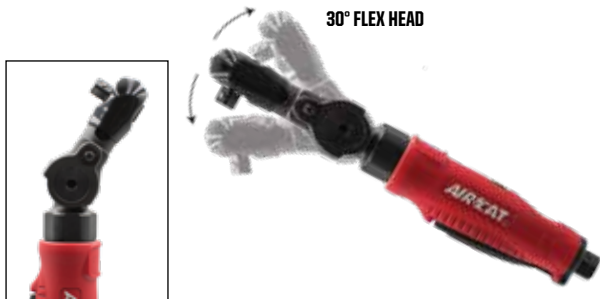
- 35 ft-lb Maximum torque
- 300 RPM provides fast run-down
- Ergonomic composite over mold grip provides comfort
- Great for work around radiators and confined spaces
- Only 5.4" long and weighs only 1.1 lbs.



800

1/4" COMPOSITE RATCHET

- 35 ft-lb Maximum torque
- 320 RPM provides fast rundown
- Single pawl mechanism
- Superior internal mechanics
- Patented quiet tuned exhaust (82 dBA)
- Feather trigger for control - Most comfortable trigger lever in the industry!
- Ergonomically designed housing



811

1/4" 30° FLEX HEAD RATCHET

- 35 ft-lb Maximum torque
- 240 RPM Free Speed
- 3 Position Flex Head design
- Ergonomically designed housing
- Feather trigger for control
- Patented quiet tuned exhaust (76 dBA)

808-15-25-A

1/4" LONG REACH COMPOSITE RATCHET (15-INCH)

- 35 ft-lb Maximum torque
- Extended drive shaft provides access for hard to reach fasteners
- Unique head anti-spread construction provides more durability and consistent performance over the tool life.
- Low-profile & large size of forward/reverse shift knob makes easy changing of the F/R direction
- Ergonomic hex nut and composite handle for comfortably fit hand and isolated against cold and absorb the vibration



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 NPT (in.)
807-25	300	3/8	1/4	35	1.10	5.40	3.0	3/8	1/4
800	320	3/8	1/4	35	1.60	8.50	4.0	3/8	1/4
811	240	3/8	1/4	35	1.83	9.69	4.0	3/8	1/4
808-15-25-A	200	3/8	1/4	35	3.10	15.30	4.0	3/8	1/4

RATCHETS



807 3/8" "MINI" 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 confined spaces
- Only 5.4" long and weighs only 1.1 lbs.



801 3/8" COMPOSITE RATCHET

- 35 ft-lb Maximum torque
- 320 RPM provides fast run-down
- Single pawl mechanism
- Patented quiet tuned exhaust (82 dBA)
- Feather trigger for control
- Ergonomically designed housing



810-RW 3/8" COMPACT IMPACTING RATCHET

- 50 ft-lb Maximum torque
- 550 RPM provides ultra fast run-down
- Roller clutch impact mechanism prevents kick-back
- FWD/REV Switch and safety lock prevents unwanted directional changes
- Silencing technology reduces noise level to (86 dBA)
- Only 6.3" long and weighs only 1.4 lbs.



812-RW 3/8" IMPACTING RATCHET

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

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 NPT (in.)
807	300	3/8	3/8	35	1.10	5.40	3.0	3/8	1/4
801	320	3/8	3/8	35	1.60	8.50	4.0	3/8	1/4
810-RW	550	3/8	3/8	50	1.40	6.30	4.0	3/8	1/4
812-RW	350	1/2	3/8	80	2.96	9.80	4.0	3/8	1/4

802 3/8" COMPOSITE RATCHET



- 70 ft-lb Maximum torque
- 280 RPM
- Durable twin pawl mechanism
- Patented quiet tuned exhaust (82 dBA)
- Feather trigger for control
- Ergonomically designed housing

809-SH 3/8" SEALED FLAT HEAD RATCHET



- 60 ft-lb Maximum torque
- 350 RPM
- Low profile flat head allows access into confined work areas
- Sealed head design eliminates dirt and debris entering the ratchet mechanism increasing reliability
- Convenient and comfortable trigger operation
- Quick change rotational forward/reverse switch
- 360° Rotational exhaust deflector allows exhaust air to be directed as preferred

806 3/8" RATCHET



- 80 ft-lb Maximum torque
- 200 RPM
- 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

805-HT 3/8" HIGH TORQUE RATCHET



- 130 ft-lb Maximum torque
- 180 RPM
- 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 NPT (in.)
802	280	3/8	3/8	70	2.75	10.50	4.0	3/8	1/4
809-SH	350	1/2	3/8	60	2.90	12.40	4.0	3/8	1/4
806	200	1/2	3/8	80	2.50	10.90	4.0	3/8	1/4
805-HT	180	5/8	3/8	130	3.30	12.45	6.0	3/8	1/4

RATCHETS

808-15-A **3/8" LONG REACH COMPOSITE** **RATCHET WRENCH (15-INCH)**

- 35 ft-lb Maximum torque
- 200 RPM
- Extended drive shaft provides access for hard to reach fasteners
- Unique head anti-spread construction provides more durability and

808-22-A **3/8" LONG REACH COMPOSITE** **RATCHET WRENCH (22-INCH)**

- 65 ft-lb Maximum torque
- 200 RPM
- Low-profile & large size of forward/reverse shift knob makes easy changing of the F/R direction
- Ergonomic hex nut and composite handle for comfortably fit hand and isolated against cold and absorb the vibration



805-HT-22 **3/8" HIGH TORQUE LONG REACH RATCHET (22-INCH)**

- 130 ft-lb Maximum torque
- 200 RPM
- 5.15 lbs
- 21.6" in length
- Available 1/2" (Model 805-HT-22-5)



WARNING: Use with care to avoid finger trapping.

809-SH-5 **1/2" SEALED FLAT HEAD RATCHET**

- 60 ft-lb Maximum torque
- 350 RPM provides fast rundown
- Low profile flat head allows access into confined work areas
- Sealed head design eliminates dirt and debris from entering the ratchet mechanism increasing reliability
- Convenient and comfortable trigger operation
- Quick change forward/reverse switch
- 360° Rotational exhaust deflector allows exhaust air to be directed as preferred



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 NPT (in.)
808-15-A	200	1/2	3/8	35	3.10	15.30	3.5	3/8	1/4
808-22-A	200	1/2	3/8	65	4.50	21.60	3.9	3/8	1/4
805-HT-22	200	5/8	3/8	130	5.16	21.60	4.0	3/8	1/4
809-SH-5	350	1/2	1/2	60	2.90	12.40	4.0	3/8	1/4

802-5 1/2" COMPOSITE RATCHET



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

805-HT-5 1/2" HIGH TORQUE RATCHET



- 130 ft-lb Maximum torque
- 180 RPM
- 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.

805-HT-22-5 1/2" HIGH TORQUE LONG REACH RATCHET (22-INCH)

- 130 ft-lb Maximum torque
- 200 RPM Free Speed
- 5.15 lbs
- 21.6" in length
- Available in 3/8" (Model 805-HT-5)



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 NPT (in.)
802-5	280	3/8	1/2	70	2.75	10.50	4.0	3/8	1/4
805-HT-5	180	5/8	1/2	130	3.30	12.45	6.0	3/8	1/4
805-HT-22-5	200	5/8	1/2	130	5.15	21.60	4.0	3/8	1/4



GRINDERS and CUT-OFF TOOLS

AIRCAT® die grinders and cut-off tools feature patented internal silencing. The most comfortably designed triggers in the industry with ergonomically designed grips.

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

AIRCAT® offers a selection of 16 die grinders and cut-off tools with a choice of .3 HP to 1.0 HP, as well as angle grinders up to 2.3 HP. Certain AIRCAT® models offer spindle locks and are reversible.

STRAIGHT DIE GRINDERS

6205

.3 HP MINI STRAIGHT DIE GRINDER



- 25,000 RPM
- .3 HP Motor
- Super compact design; only 4.8" and weighs only .75 lbs
- Ergonomically designed composite grip provides greater comfort
- Safety lock-off trigger for added safety

6200

.4 HP MINI COMPOSITE STRAIGHT DIE GRINDER



- 20,000 RPM
- .4 HP Motor
- 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

.5 HP COMPOSITE STRAIGHT DIE GRINDER



- 20,000 RPM
- .5 HP Motor
- 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

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 NPT (in.)
6205	25,000	.3	1/4	Direct Drive	Rear	.75	4.80	4.0	3/8	1/4
6200	20,000	.4	1/4	Direct Drive	Rear	.90	6.50	4.0	3/8	1/4
6201	20,000	.5	1/4	Direct Drive	Rear	1.10	8.50	4.2	3/8	1/4

STRAIGHT DIE GRINDERS



6225

.5 HP STRAIGHT DIE GRINDER

- 22,000 RPM
- .5 HP MOTOR
- Low weight composite housing
- High quality 3-piece precision collet
- Safety lock-off trigger for added safety
- Precision bearing reduces vibration and spindle run out
- Built-in silencing reduces noise levels



6210

.5 HP COMPOSITE EXTENDED STRAIGHT DIE GRINDER



- 20,000 RPM
- .5 HP Motor
- 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

6285

.75 HP STRAIGHT DIE GRINDER WITH SPINDLE LOCK



- 23,000 RPM
- .75 HP Non stall motor
- Spindle lock feature for easy accessory change
- Speed control switch located on top of the grip for added control
- Erickson® style precision collet
- Over-mold composite handle and grip for comfort
- Low noise only (79 dBA)
- Low vibration only 2.5 m/sec²

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 NPT (in.)
6225	22,000	.5	1/4	Direct drive	Rear	1.30	7.00	3.5	3/8	1/4
6210	20,000	.5	1/4	Direct Drive	Rear	2.50	13.50	4.2	3/8	1/4
6285	23,000	.75	1/4	Direct drive	Rear	1.40	7.00	4.1	3/8	1/4

STRAIGHT DIE GRINDERS



6290

.75 HP REVERSIBLE STRAIGHT DIE GRINDER

- 20,000 RPM
- .75 HP Non stall motor
- Speed control switch located under the trigger for added control
- Forward/Reverse switch located on top of the grip for easy directional changes
- Erickson® style precision collet
- Over-mold composite handle and grip for comfort
- Low noise only (79 dBA)
- Low vibration only 2.5 m/sec



6260

1.0 HP COMPOSITE STRAIGHT DIE GRINDER

- 20,000 RPM
- Full 1.0 HP non-stall motor
- 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

6270

1.0 HP COMPOSITE EXTENDED STRAIGHT DIE GRINDER

- 20,000 RPM
- 1.0 HP Non stall motor
- Patented "Silencing Technology" reduces noise to (80 dBA)
- 6" Extension to reach tight areas
- Ergonomically designed housing
- Most comfortable trigger in the industry



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 NPT (in.)
6290	20,000	.75	1/4	Direct Drive	Rear	1.40	7.00	4.1	3/8	1/4
6260	20,000	1.0	1/4	Direct Drive	Rear	1.20	9.25	6.0	3/8	1/4
6270	20,000	1.0	1/4	Direct Drive	Rear	3.10	14.15	6.0	3/8	1/4

ANGLE DIE GRINDERS



6250 **.3 HP COMPACT** **COMPOSITE ANGLE DIE GRINDER**

- 18,000 RPM
- .3 HP Motor provides plenty of power
- Compact design allows for maneuverability in tight spaces
- High Quality 3pc Precision Collet
- Safety lock-out throttle lever to avoid accidental starts
- Low weight aluminum angle head and composite housing
- Precision Bearings Reduce Vibration and Spindle Run-out
- Built-in Silencing Reduces Noise Level



6255 **.4 HP COMPOSITE ANGLE DIE GRINDER**

- 20,000 RPM
- .4 HP Motor
- 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



6245 **.5 HP ANGLE DIE GRINDER**

- 20,000 RPM
- .5 HP Motor
- Low weight composite housing
- High quality 3-piece precision collet
- Safety lock-off trigger for added safety
- Precision bearing reduces vibration and spindle run out
- Built-in silencing reduces noise levels



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 NPT (in.)
6250	18,000	.3	1/4	Spiral-Bevel	Rear	1.00	5.00	4.2	3/8	1/4
6255	20,000	.4	1/4	Spiral-Bevel	Rear	1.10	7.00	4.2	3/8	1/4
6245	20,000	.5	1/4	Spiral-Bevel	Rear	1.5	7.00	3.5	3/8	1/4

ANGLE DIE GRINDERS



6295 **.6 HP 115° ANGLE DIE GRINDER** **WITH SPINDLE LOCK**

- 18,000 RPM
- .6 HP Motor
- Spindle lock feature for easy accessory change
- Ergonomic composite over-mold grip
- Rear exhaust



6280 **.75 HP ANGLE DIE GRINDER** **WITH SPINDLE LOCK**

- 18,000 RPM
- .75 HP Non stall motor
- Spindle lock feature for easy accessory change
- Speed control switch located at the top of the grip for added control
- Erickson® style precision collet
- Composite handle and grip for comfort
- Low noise only (79 dBA)



6265 **1.0 HP COMPOSITE ANGLE DIE GRINDER**

- 18,000 RPM
- 1 HP Non stall motor
- Patented "Silencing technology" reduces noise to (89 dBA)
- Ergonomically designed housing
- Most comfortable trigger in the industry
- Feathered trigger for better speed control
- Precision bevel gears for reliability
- Includes 1 pc each 2" & 3" Roloc® style backing pads

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 NPT (in.)
6295	18,000	.6	1/4	Bevel	Rear	1.65	7.80	6.0	3/8	1/4
6280	18,000	.75	1/4	5:1 Bevel Gears	Rear	1.80	7.00	4.1	3/8	1/4
6265	18,000	1.0	1/4	Spiral Bevel	Rear	1.80	9.50	4.2	3/8	1/4

ANGLE GRINDERS



6220 **2" ANGLE GRINDER**

- 15,000 RPM
- .5 HP Motor
- Quiet tuned exhaust (80 dBA)
- Superior steel grade internal bearings for longer life
- Variable speed trigger with safety-lock-off lever for better speed control
- Ergonomically designed composite over-mold housing
- Accommodates 2" Rol-loc sanding pad with adapter (Included)



*Accepts Type 27 & 28 wheels

6340-A **1.0 HP 4-1/2" ANGLE GRINDER** **WITH SPINDLE LOCK**

- 11,000 RPM
- 1 HP Motor eliminates "stall" and increases reliability
- Spindle lock for easy wheel change
- Speed control switch located at the top of the grip for added control
- Multi positional rotational guard improves access
- The composite grip and throttle trigger have been ergonomically designed to provide unmatched comfort for the user
- 360° Rotational exhaust



6380 **2.3 HP 5" HEAVY DUTY ANGLE GRINDER**

- 12,000 RPM
- 2.3 HP Governed motor provides constant speed and unstoppable stall-less operation
- Spindle lock for easy wheel change
- Ergonomically designed composite grip
- Vibration damped side handle and throttle trigger provide unmatched comfort to the user
- Rear exhaust

SPECIFICATIONS

Model No.	Free Speed (RPM)	Motor (HP)	Spindle / Collet Size	Wheel Size (in.)	Gears	Exhaust	Weight (lbs.)	Length (in.)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet NPT (in.)
6220	15,000	.5	3/8" - 24	2"-Type 27	Spiral Bevel	Rear	1.50	7.00	3.5	3/8	1/4
6340-A	11,000	1.0	5/8" - 11	4-1/2	Spiral Bevel	Rear	2.25	8.75	6.0	3/8	1/4
6380	12,000	2.3	5/8" - 11	5	Spiral Bevel	Rear	3.97	9.15	10.0	1/2	3/8

CUT-OFF TOOLS



6505 **.5 HP 3" COMPOSITE CUT-OFF TOOL**

- 20,000 RPM Free speed
- .5 HP Motor
- Patented quiet tuned exhaust (86 dBA)
- Feather trigger for better speed control
- Ergonomically designed housing
- Compact and low weight
- Most comfortable trigger in the industry



6515 **.5 HP 3" CUT-OFF TOOL**



- 22,000 RPM Free speed
- .5 HP Motor
- Built-in silencing reduces noise level
- Safety lock-off trigger for added safety
- Low weight composite design with aluminum guard



6520 **.5 HP 3" REVERSIBLE CUT-OFF TOOL**

- 18,000 RPM Free speed and .5HP Motor
- Wheel directional change on top of grip allows operator to change the direction of sparks
- Speed control switch located under the trigger for added control
- Cuts 3/8" rolled steel or 18 gauge steel sheet
- Impact resistant, composite housing
- Extra heavy duty dual spindle bearings for added reliability
- Patented muffler design reduces noise level to (88 dBA)



3-Position Flex Head

6530 **.5 HP 3" FLEX HEAD CUT-OFF TOOL**

- 18,000 RPM Free Speed
- .5 HP Motor
- 3-Position Flex Head
- Cuts 3/8" rolled steel or 18 gauge steel sheet
- 360° Rotational guard and exhaust
- Patented muffler design reduces noise level to (90 dBA)

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 NPT (in.)
6505	20,000	.5	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	1.75	9.00	4.2	3/8	1/4
6515	22,000	.5	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	1.80	7.60	3.5	3/8	1/4
6520	18,000	.5	3	Single reduction	3/4" Rolled Steel / 18 Gauge	Rear	1.80	9.50	6.0	3/8	1/4
6530	18,000	.5	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	2.60	8.80	6.0	3/8	1/4

CUT-OFF TOOLS



6525-A **.6 HP 3" IN-LINE CUT-OFF TOOL**

- 18,000 RPM
- .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 away from the user
- Manufactured from high grade material precision parts designed for industrial and heavy duty automotive use



6560 **1.0 HP 4" COMPOSITE CUT-OFF TOOL**

- 14,000 RPM
- 1 HP non stall motor
- Patented "Silencing technology" reduces noise to [89 dBA]
- Composite grip and throttle trigger for comfort
- Cuts 3/8" Rolled Steel/18 Gauge
- Features 4" diameter wheel

6275-A **1.0 HP 4" INSIDE CUT-OFF TOOL WITH SPINDLE LOCK**



- 14,000 RPM
- 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° with 4" wheel
- Superior steel grade internal gears for longer life
- Spindle lock for easy wheel change
- 11-Position rotational guard
- Cut-off wheel sizes: 4" (1/16 x 3/8) (1/8 x 3/8)

SPECIFICATIONS

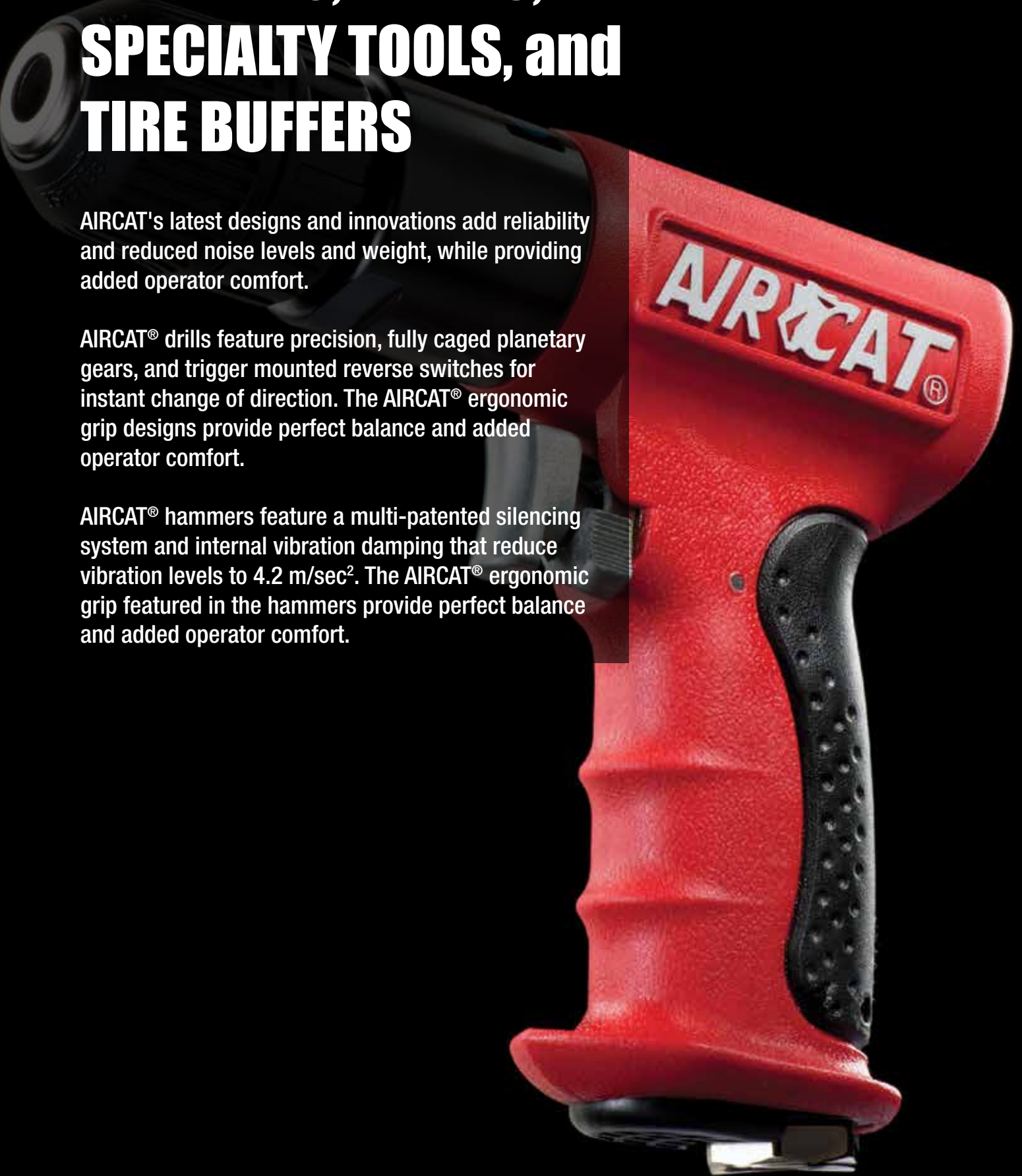
Model No.	Free Speed (RPM)	Motor (HP)	Wheel Size (in)	Gears	Cutting Capacity	Exhaust	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet NPT (in.)
6525-A	18,000	.6	3	Direct Drive	3/8" Rolled Steel / 18 Gauge	Rear	2.20	7.95	6.0	3/8	1/4
6560	14,000	1.0	4	Single reduction	3/4" Rolled Steel / 18 Gauge	Rear	1.80	9.50	4.2	3/8	1/4
6275-A	14,000	1.0	4	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	3.75	15.50	6.0	3/8	1/4

HAMMERS, DRILLS, SPECIALTY TOOLS, and TIRE BUFFERS

AIRCAT's latest designs and innovations add reliability and 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 provide perfect balance and added operator comfort.

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



HAMMERS



5100-A-T

.401 SHANK COMPOSITE MEDIUM STROKE AIR HAMMER (TOOL ONLY)

5100-A

.401" SHANK SUPER DUTY AIR HAMMER KIT

- 3,000 Blows per minute for fast cutting action
- Piston stroke 2-5/8"
- High performance and low weight
- Multi-patented muffler/exhaust system gives this tool an extremely low noise level of (88 dBA) and vibration level of 4.2 m/sec²
- 5100-A-T and 5100-A includes heavy duty ball-lock quick change chisel retainer adding safety and reliability
- Model 5100-A Includes: Blow Mold Kit, 5 Pc. Chisel Set and Quick Change Retainer

5200-A-T

.401 SHANK COMPOSITE LONG STROKE AIR HAMMER



- 2,100 Blows per minute provide hard hitting cutting action
- 3-3/4" Piston stroke
- Vibration damped technology reduces the vibration level to 4.2 m/sec²
- Patented AIRCAT® design double injection composite grip has been ergonomically designed to provide unmatched comfort for the user
- Patented AIRCAT® silencing technology
- Includes heavy duty ball-lock quick change chisel retainer adding safety and reliability

SPECIFICATIONS

Model No.	Free Speed (BPM)	Piston Stroke	Shank Opening	Retainer	Valve	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet NPT (in.)
5100-A-T	3,000	2-5/8	.401"	Quick Change	Plate	3.30	7.60	6	3/8	1/4
5100-A	3,000	2-5/8	.401"	Quick Change	Plate	3.30	7.60	6	3/8	1/4
5200-A-T	2,100	3-3/4	.401"	Quick Change	Plate	4.40	11.00	6	3/8	1/4

HAMMERS



5250-A-T

.401" SHANK SUPER DUTY AIR HAMMER

- 2,500 BPM
- 3" Piston stroke
- .401 Shank opening
- Exceptionally hard hitting piston design
- Includes "Quick Change Chisel Retainer"
- Variable speed trigger
- 4 position built-in air regulator
- Patented ergonomically designed grip
- Designed for the toughest applications



5300-B-T

.498" SHANK SUPER DUTY AIR HAMMER (TOOL ONLY)

5300-B

.498" SHANK SUPER DUTY AIR HAMMER KIT

- 1,700 BPM
- 2-11/16" Piston stroke
- .498" Shank opening
- Includes heavy duty "Quick Change" chisel retainer
- Patented ergonomically designed grip
- Designed for heavy duty applications
- Model 5300-B (Kit) Includes: 4 Pc. Chisel Set and Heavy Duty Quick Change Retainer



SPECIFICATIONS

Model No.	Free Speed (BPM)	Piston Stroke (in)	Shank Opening	Retainer	Valve	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet NPT (in.)
5250-A-T	2,500	3	.401	Quick Change	Plate	5.38	9.25	4.2	3/8	1/4
5300-B-T	1,700	2-11/16	.498	Quick Change	Plate	6.00	10.20	6.0	3/8	1/4
5300-B	1,700	2-11/16	.498	Quick Change	Plate	6.00	10.20	6.0	3/8	1/4

DRILLS



4337 **.75 HP 3/8" ANGLE DRILL**

- 1,600 RPM
- .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 lubrication
- Internal silencing reduces noise level to (75 dBA)
- Fitted with keyed chuck



4338 **.6 HP 3/8" COMPOSITE REVERSIBLE DRILL**

- 1,800 RPM
- .6 HP Motor
- Fitted with Jacobs® keyless chuck
- Feather trigger for better speed control
- Trigger mounted reverse for instant change of direction
- Superior grade steel planetary gear for longer life
- Patented quiet tuned exhaust (85 dBA)
- Patented ergonomically designed handle



4450 **.6 HP 1/2" COMPOSITE REVERSIBLE DRILL**

- 400 RPM
- .6 HP Motor
- Fitted with keyed chuck
- Feather trigger for better speed control
- Trigger mounted reverse for instant change of direction
- Superior grade steel planetary gear for longer life
- Patented quiet tuned exhaust (85 dBA)
- Patented ergonomically designed handle

SPECIFICATIONS

Model No.	Free Speed (BPM)	Motor (HP)	Chuck Size	Gears	Spindle Tread Size	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet NPT (in.)
4337	1,600	.75	3/8	Spiral Bevel	3/8 x 24	2.40	8.30	6	3/8	1/4
4338	1,800	.6	3/8	Planetary	3/8 x 24	2.50	7.00	6	3/8	1/4
4450	400	.6	1/2	Planetary	3/8 x 24	3.00	8.00	6	3/8	1/4

SPECIALTY TOOLS

6350

LOW VIBRATION AIR SAW

- 9,500 stroke/minute motor provides 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 360° rear exhaust muffler allows exhaust air to be directed as preferred
- Compact design with 8" overall length and low weight of only 1.13 lbs. providing comfortable operation and work area access



6355-A

RECIPROCATING AIR SAW

- 5,000 SPM
- Dual-Speed design for control
- Quick change blade design retainer
- Accepts various types of reciprocating saw blades
- Rear exhaust
- Capable of cutting 1/4" thick steel and steel pipe up to 3"
- Patented reciprocating crank mechanism motor



SPECIFICATIONS

Model No.	Free Speed (SPM)	Cutting Capacity	Exhaust	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet NPT (in.)
6350	9,500	3/16" Steel Plate - 18 Gauge	Rear	1.13	8.00	4.0	3/8	1/4
6355-A	5,000	1/4" Steel - 3" Steel Pipe	Rear	2.43	11.50	3.5	3/8	1/4

SPECIALTY TOOLS



6330 18 GAUGE NIBBLER

- 2,500 stroke/minute motor provides fast cutting action in steel up to 18 gauge
- The 6330 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
- Includes an additional punch
- Composite handle and throttle lever design provide comfortable and convenient operation
- The rotational 360° rear exhaust muffler allows exhaust air to be directed as preferred
- Precision engineered components make this tool suitable for high volume



6390 COMPACT NEEDLE SCALER

- 4,800 BPM
- 1-1/4" Stroke
- Low weight compact design
- Durable steel housing
- Features (12) 5" needles
- Best for removal of rust, paint and scale on flat or irregular surfaces



6335 ENGRAVING PEN

- 13,000 BPM motor provides fast cutting action
- 1/8" Stroke length
- Low weight sleek design for easy control
- Easy twist on/off design
- Piston design for consistent trouble free operation



SPECIFICATIONS

Model No.	Free Speed (SPM/BPM)	Cutting Capacity	Exhaust	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet NPT (in.)
6330	2,500	18 Gauge	Rear	2.25	7.00	3.5	3/8	1/4
6390	4,800	N/A	Rear	2.90	11.50	4.0	3/8	1/4
6335	13,000	N/A	REAR	0.33	6.30	1.1	3/8	1/4

TIRE BUFFERS



6402

6402 .6 HP 2,600 RPM COMPOSITE TIRE BUFFER **6403 .6 HP 3,600 RPM 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 and exhaust hose to eliminate debris and 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



6403



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 and exhaust hose to eliminate debris and 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

SPECIFICATIONS

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 NPT (in.)
6402	2,600	5/16" Internal Hex	N/A	1.75	9.00	3.5	3/8	1/4
6403	3,600	5/16" Internal Hex	N/A	1.75	9.00	3.5	3/8	1/4
6400	22,000	3/8	3/8 x 24	1.66	8.00	4.1	3/8	1/4

RIVETERS



6410 3/16" AIR HYDRAULIC RIVETER



- 2,000 LB Pull force
- Designed to handle structure rivet in all materials: Aluminum and Stainless Steel 5/32", 3/16" and 3/16" monobolt
- Convenient On/Off switch for patented "mandrel vacuum collection system" featuring removable collection bottle
- Easy adjustable Head & Nut designed for obtaining the most effective stroke
- Composite comfort grip Swivel air inlet for added maneuverability
- Convenient spare noise piece storage under bottom rubber cap
- Professional design built for continuous operation



6420 1/4" AIR HYDRAULIC RIVETER



- 3,700 LB Pull force
- Designed to handle structure rivet in all materials: Aluminum and Stainless Steel 3/16" & 1/4" and 3/16" & 1/4" monobolt
- Convenient On/Off switch for patented "mandrel vacuum collection system" featuring removable collection bottle
- Easy adjustable Head & Nut designed for obtaining the most effective stroke
- Composite comfort grip
- Swivel air inlet for added maneuverability
- Convenient spare noise piece storage under bottom rubber cap
- Professional design built for continuous operation

SPECIFICATIONS

Model No.	Nose Pieces	Traction / Pull Force (lb)	Stroke Length (in)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet NPT (in.)
6410	5/32, 3/16, 3/16" Monobolt	2000	7/8	4.75	12.00	0.5	3/8	1/4
6420	3/16, 1/4", 3/16" and 1/4" Monobolt	3700	63/64	5.75	13.00	0.5	3/8	1/4

SANDERS & POLISHERS

AIRCAT® sanders feature a patented motor design that reduces vibration to 1.8 m/sec². These motors are double sealed to eliminate any dust contamination of internal parts. AIRCAT® sanders are the first sanders with 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.



SANDERS

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

AIRCAT® "lubrication free" sanders incorporate the latest engineering concepts, advanced materials and patented designs. The AIRCAT® technology reduces weight, noise and 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 (15) models 3/32" and 3/16" orbit options
- Non vacuum, central vacuum and self vacuum options
- 1", 3", 5" 6", and 8" "hook & loop"
- Only 1.6 CFM average air consumption and 6.2 CFM continuous running under load
- Advanced silencing technology reduces noise levels to (75-78 dBA)
- 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 1.8 m/sec²
- Low weight: Orbital sanders 2.0 lbs. and geared sanders 3.4 lbs.
- Low profile: Orbital sanders height 4.3" and geared sanders height 4.5"



6700-1-332



6700-3-336

6700-3-336CV

Model No.	Description	Pad Size (in)	Pad Thread (in)	Orbit (in)	Pad Type	Pad Holes	Free Speed (RPM)
6700-1-332	Non Vac Nib Palm Sander	1	5/16 x 24	3/32	Hook & Loop	NA	8,000
6700-3-336	Non Vac Orbital Palm Sander/Polisher	3	5/16 x 24	3/32	Hook & Loop	NA	11,000
6700-3-336CV	Central Vac Orbital Palm Sander/Polisher	3	5/16 x 24	3/32	Hook & Loop	6	11,000
6700-5-336	Non Vac Orbital Palm Sander	5	5/16 x 24	3/16	Hook & Loop	NA	11,000
6700-5-336CV	Central Vac Orbital Palm Sander	5	5/16 x 24	3/16	Hook & Loop	6	11,000
6700-6-332	Non Vac Orbital Palm Sander	6	5/16 x 24	3/32	Hook & Loop	NA	11,000
6700-6-332CV	Central Vac Orbital Palm Sander	6	5/16 x 24	3/32	Hook & Loop	6	11,000
6700-6-332SV	Self Vac Orbital Palm Sander	6	5/16 x 24	3/32	Hook & Loop	6	11,000
6700-6-336	Non Vac Orbital Palm Sander	6	5/16 x 24	3/16	Hook & Loop	NA	11,000
6700-6-336CV	Central Vac Orbital Palm Sander	6	5/16 x 24	3/16	Hook & Loop	6	11,000
6700-6-336SV	Self Vac Orbital Palm Sander	6	5/16 x 24	3/16	Hook & Loop	6	11,000
6700-6G	Non Vac Geared Planetary Motion Sander	6	5/16 x 24	3/16	Hook & Loop	NA	900
6700-6GCV	Central Vac Geared Planetary Motion Sander	6	5/16 x 24	3/16	Hook & Loop	6	900
6700-8G	Non Vac Geared Planetary Motion Sander	8	5/16 x 24	3/16	Hook & Loop	NA	900
6700-8GCV	Central Vac Geared Planetary Motion Sander	8	5/16 x 24	3/16	Hook & Loop	8	900

ORBITAL & GEARED SANDERS



6700-5-336
6700-6-336



6700-5-336CV
6700-6-336CV



6700-6-332
6700-6-332CV

6700-6-336SV
6700-6-332SV



6700-8G
6700-8GCV



6700-6G
6700-6GCV

Weight (lbs)	Length w/Pad Fitted (in)	Width w/Pad Fitted (in)	Height w/Pad Fitted (in)	Noise Level d(B)A	Vibration m/sec ²	Average Air Cons. (CFM)	Air Inlet NPT (in.)
1.7	6.7	3.0	4.3	75	1.8	1.6	1/4
1.8	5.5	3.0	4.3	75	1.8	1.6	1/4
1.8	7.2	3.0	4.3	75	1.8	1.6	1/4
2.0	6.7	5.0	4.3	75	1.8	1.6	1/4
2.0	8.4	5.0	4.3	75	1.8	1.6	1/4
2.0	6.8	6.0	4.3	75	1.8	1.6	1/4
2.0	8.4	6.0	4.3	75	1.8	1.6	1/4
2.0	8.1	6.0	4.3	75	1.8	1.6	1/4
2.0	6.8	6.0	4.3	75	1.8	1.6	1/4
2.0	8.4	6.0	4.3	75	1.8	1.6	1/4
2.0	8.1	6.0	4.3	75	1.8	1.6	1/4
3.4	10.2	6.0	4.5	78	2.5	3.0	1/4
3.4	11.0	6.0	4.5	78	2.5	3.0	1/4
3.5	11.2	8.0	4.5	78	2.5	3.0	1/4
3.5	12.0	8.0	4.5	78	2.5	3.0	1/4

SANDERS



6700-JBS-332 JITTERBUG SANDER

- 10,000 RPM
- 3/32" Orbit
- 7.75 x 2.75 Rectangle hook and loop pad
- Advanced silencing technology reduces noise level to (80 dBA)
- Patented doubled sealed, lubrication-free motor prevents dust contamination and eliminates the need to oil the tool
- Patented "anti-vibration" motor reduces vibration level to 1.8 m/sec²

6310 6" COMPOSITE DUAL ACTION SANDER (PSA)



- 10,000 RPM
- 3/16" 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/sec²
- 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" in height

6315-K 3" MINI ORBITAL SANDER KIT



- 16,000 RPM
- Low weight composite housing
- Top mounted one-hand Forward/Reverse switch
- Feather speed control trigger
- Internal silencing system reduces noise level to (88 dBA)
- Kit features blow mold storage tray, pistol grip sander, 2" and 3" sanding pads, and an assortment of 2" and 3" sand paper

SPECIFICATIONS

Model No.	Free Speed (RPM)	Pad Size (in.)	Spindle Thread (in.)	Exhaust	Orbit (in.)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet NPT (in.)
6700-JBS-332	10,000	7.75 x 2.75	N/A	Rear	3/32	2.50	7.75	9.0	3/8	1/4
6310	10,000	6	5/16 - 24	Rear	3/16	2.25	10.50	2.5	3/8	1/4
6315-K	16,000	2 & 3	5/16 - 24	Handle	N/A	1.58	5.20	2.0	3/8	1/4

SANDERS / POLISHERS



6320

SPOT SANDER/POLISHER

- 13,000 RPM
- .4 HP Motor
- Features internal 1/8" orbital head for ultra-fine sanding and polishing
- The combined spindle-counter balance provides reliability and reduces vibration levels to 1.8 m/sec²
- Precision alloy steel spiral-bevel gears extend tool life
- The internal silencing system reduces noise levels to (78 dBA)
- Supplied complete with hook and loop 1.25" round, 2" round, and triangular pad
- Sanding discs available in 120/180/320/600/1000/1500 grit sizes
- Lambswool and sponge polishing bonnets/pads are also available separately



6325

1/2" x 18" BELT SANDER

- 18,000 RPM
- .6 HP Motor provides non-stall operation
- Low weight composite design weights only 1.8 lbs.
- Self locking sanding arm allows for fast and easy belt changes
- Quick release locking lever allows for simple 360 degree sanding arm adjustments
- Smooth variable speed trigger for added user control
- Built in air regulator for speed adjustments



6370

.6 HP COMPOSITE LOW WEIGHT VERTICAL POLISHER

- 3,500 RPM
- .6 HP Motor
- Low weight only 2.5 lbs.
- Low air consumption only 12.0 CFM
- Incorporates internal spindle thread for fitting of upholstery cleaning brushes
- Comes complete with 7" lambswool polishing bonnet
- The composite housing and handles are ergonomically designed to provide unmatched comfort for the user

SPECIFICATIONS

Model No.	Free Speed (RPM)	Pad / Bonnet Size (in.)	Pad Thread (in.)	Exhaust	Orbit (in.)	Weight (lbs.)	Length (in)	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet NPT (in.)
6320	13,000	1-1/4, 2, Triangle	1/4	Rear	1/8	1.10	6.10	2.5	3/8	1/4
6325	18,000	1/2 x 18	N/A	Rear	1/8	1.80	15.20	3.5	3/8	
6370	3,500	7	5/8" -11	Side Handle	N/A	2.50	6.75	12.0	3/8	1/4

SPRAY GUNS



6900

HVLP Gravity Feed Spray Gun - 1.3 mm

- Stainless steel needles and precision air caps for reliability and perfect paint atomization.
- HVLP (high volume-low pressure) technology provides high material transfer efficiency, eliminates paint waste and requires lower air volume
- HVLP spray gun is ideal for fine finish paint applications for car refurbishing, industrial and woodwork
- Stainless steel needles for ultimate reliability
- Precision brass spray caps for perfect pattern
- Smooth/comfortable trigger pull



6905

HVLP Gravity Feed Spray Gun - 1.6 mm

- Stainless steel needles and precision air caps for reliability and perfect paint atomization.
- HVLP (high volume-low pressure) technology provides high material transfer efficiency, eliminates paint waste and requires lower air volume
- HVLP spray gun is ideal for fine finish paint applications for car refurbishing, industrial and woodwork
- Stainless steel needles for ultimate reliability
- Precision brass spray caps for perfect pattern
- Smooth/comfortable trigger pull

SPECIFICATIONS

Model No.	Air Cons. (CFM)	Operating Range	Standard Aircap Set	Air Supply Hose Width	Weight (lbs.)	Air Inlet NPT (in.)
6900	12.5	14-28 PSI	1.3 mm	5/16"	1.2	1/4
6905	12.5	14-28 PSI	1.6 mm	5/16"	1.2	1/4

IMPACT BOOTS



1057-THBB

Black AIRCAT® Boot

Fits Models: 1077-TH and 1057-TH



1056-XLBB

Black AIRCAT® Boot

Fits Models: 1076-XL and 1056-XL



1058-VXLBB

AIRCAT® VIBROTHERM DRIVE® Boot

Fits Models: 1059-VXL and 1058-VXL



1431-BB

Grey Smoke AIRCAT® Boot

Fits Models: 1431, 1431-2



1300-THBB

Black AIRCAT® Boot

Fits Models: 1300-TH and 1300-TH-A



1355-XLBR

Red Flame NITROCAT® Boot

Fits Models: 1375-XL and 1355-XL



1150-BB

Black AIRCAT® Boot

Fits Models: 1150, 1000, 1000-TH and 1000-TH-2



1200-KBR

Red Flame NITROCAT® Boot

Fits Model: 1200-K



1250-KBB

Black AIRCAT® Boot

Fits Model: 1250-K



1178-VXLBB

AIRCAT® DRIVE® Boot

Fits Model: 1178-VXL



1770-XLBB

Black AIRCAT® Boot

Fits Models: 1770-XL



1600-THBB

Black AIRCAT® Boot

Fits Models: 1600-TH, 1600-TH-A
and 1600-TH-A1



1778-VXLBB

AIRCAT® VIBROTHERM DRIVE® Boot

Fits Model: 1778-VXL



1125-BB Black AIRCAT® Boot

Fits Model: 1125



5250-A-TBR Black AIRCAT® Boot

Fits Models: 5250-A-T

ACCESSORIES



Male & Female Safety Couplers

600-C-25M
600-C-375M

1/4" NPT Male Coupler with Male & Female Fittings
3/8" NPT Male Coupler with Male & Female Fittings



600-C-25F
600-C-375F

1/4" NPT Female Coupler with Male & Female Fittings
3/8" NPT Female Coupler with Male & Female Fittings

500-C AIRCAT® Tool Bag

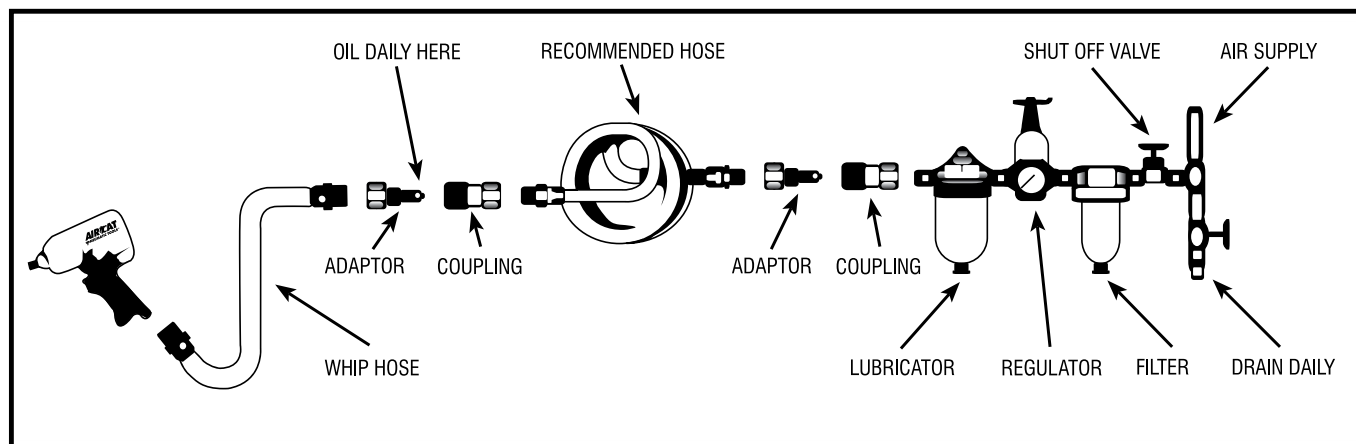


TECHNICAL INFORMATION

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 for smaller tools and 3/8" NPT for larger tools as specified in the tool manual. Line pressure should be increased to compensate for unusually long air hoses (over 25 feet). Minimum hose diameter should be 3/8" I.D. for smaller tools and 1/2" for larger tools as specified in the tool manual.



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 an air tool 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.

TOOL PERFORMANCE

How To Maximize Your Tools Performance And Working Life.

Compressed air is a misunderstood power source as it is unlike electricity that is constant and maintains constant horsepower. Compressed air drives a motor and horsepower can vary depending on how the tool is set up. The tips below will ensure that you maximize the horsepower of the air motor and the torque level of your impact wrench.

Air tool manufacturers measure the impact wrench rated torque levels, horsepower and RPM (as stated in their catalogs) based on 90 PSI air pressure entering the tool at the tool air inlet.

If the air pressure is set at the compressor or at an in-line pressure regulator at 90 PSI, by the time the air reaches the tool's air inlet the pressure will have dropped. Typically, each 25' between the air pressure gauge and the tool will cause a 15% air pressure drop at the tool. In addition, any restriction added to a hose hook-up, like a connector that reduces the inside diameter of the air connection, will cause a severe pressure drop at the tool. Then any air leak at a connection point between the compressor and the tool will reduce air pressure. Use of the wrong air hose ID size will typically reduce tool performance by 40%-50%. Use of very small compressors to run air tools will dramatically reduce performance.

Tips To Maximize Tool Performance:

- Always use the air hose ID size recommended by the tool manufacturer.
- For any impact wrench up to 1/2" drive and other air tools always use a 3/8" ID air hose.
- For any impact wrench 3/4" and 1" drive always use a 1/2" ID air hose.
- Reduce the hose length to the shortest length practical for use. As a guide if a 25' air hose is used the pressure at the in-line regulator should be set at 105-110 PSI. This will deliver 90 PSI to the tool.
- Ensure that thread tape is used on all connections from the compressor to the tool
- Do not use connectors or reducers in the air hose hook-up.
- For impact wrenches up to 1/2" drive and most other air tools a compressor with a minimum 20 gallon tank and 5 HP motor should be used. For 3/4" & 1" impact wrenches, sanders and heavy grinders a compressor with a minimum 40 gallon tank and 8 HP motor should be used. Note that all pro auto service shops have installed compressors that well exceed the above minimums.

Tips To Maximize Tool Life:

An air motor is no different than the internal combustion engine in your car - they need oil. Inline lubricators are best. If not installed, always add a few drops of air tool oil into the tool's air inlet each day before use. Most importantly, at the end of the day add a few drops of air tool oil then run the tool for a few seconds before storing overnight.

In certain conditions compressed air generates water vapor that if entering the tool will corrode the internal motor parts - moisture traps should be fitted to your air supply system.

Impact wrench hammer mechanisms require grease. Normally it is adequate to replace the grease at the tool's service interval or after six months use.

TOOL PERFORMANCE

Pneumatic Tool Lubrication Guidelines

Mechanism	Oil-Grease type	Oil-Grease volume	Brand part # ref	Other Brand part # ref
DynaPact-Twin Clutch	SAE 30	20cc at service interval	Any SAE 30 weight	
Oil lubricated Twin Hammer	SAE 40	20cc at service interval	Any SAE 40 weight	
Grease lubricated Twin/Pin-less/Jumbo hammer/ Two Jaw hammer	Lithium Compounded Complex Grease	10 cc at service interval	E.T. Lubricants #4092 LLGI # 2	Lubriplate # 1424
Air motors	SAE 5 or SAE 10	1 cc daily-if there is no built-in lubricator	Air tool oil or any SAE 5 or 10 weight machine oil	
Grinder gears	Synthetic High Temp Grease	4cc 48 hrs continuous running	E.T. Lubricants # 4501 NLG1 # 2	Shell S2V220 2 or Lubriplate SVO-255
Drill/Driver gears	Synthetic High Temp Grease	2cc 48 hrs continuous running	E.T. Lubricants # 4501 NLG1 # 2	Shell S2V220 2 or Lubriplate SVO-255
Bearings all Tools	Lithium Multi Purpose Grease	At service interval	E.T. Lubricants # 4081 NLG1 # 2	Shell S2V220 2 or Lubriplate SVO-222
VIBROTHERM DRIVE	CHEVRON MOLY GREASE EP	30cc at service interval	CHEVRON #255659, 255660	
VIBROTHERM DRIVE	CHEVRON MOLY GREASE EP	45cc at service interval	CHEVRON #255659, 255660	
VIBROTHERM DRIVE	CHEVRON MOLY GREASE EP	70cc at service interval	CHEVRON #255659, 255660	

AIRCAT® LIMITED WARRANTY

LIMITED WARRANTY

Florida Pneumatic Manufacturing Company ("Florida Pneumatic") warrants that its AIRCAT® and NITROCAT air tools will be free from defects in material and workmanship for a period of two years from the date of original purchase, except for our AIRCAT® VIBROTHERM DRIVE® air tools that are warranted to be free from defects in material and workmanship for 3 years from the original date of purchase (the "Warranty Period").

Because Florida Pneumatic cannot control the quality of tools sold by unauthorized sellers, this warranty applies only to tools that were purchased from Florida Pneumatic or a Florida Pneumatic authorized seller in the United States, unless otherwise prohibited by law. Florida Pneumatic reserves the right to reject warranty claims from purchasers for tools purchased from unauthorized sellers, including unauthorized internet sites. This warranty does not cover any defects due to normal wear and tear, damage due to misuse, alteration to the product, negligence, or damage due to repair by anyone other than Florida Pneumatic or its authorized service centers. This warranty applies to the tool only. This warranty does not apply to any attached accessories/consumable products, such as drill chucks, sander backing pads, air hammer retainers and chisels, "kit" accessories, or any other accessory included with the tool. This warranty is also limited to the original, end-user purchaser.

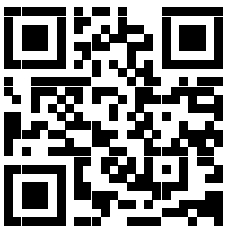
If you wish to make a warranty claim based upon a product defect, please return the tool at issue to Florida Pneumatic or a Florida Pneumatic Authorized Service Center freight prepaid and include your name, address, phone number, a copy of your receipt or other proof of purchase showing the original date of purchase, and a description of the suspected defect.

Florida Pneumatic will repair or replace, in its discretion, a defective product or product part(s) covered by this warranty. You must submit your warranty claim within the applicable Warranty Period.

It is Florida Pneumatic's policy to continue to improve our products, and Florida Pneumatic reserves the right to make changes in design or construction of its products at any time without incurring any obligation with respect to products previously sold.

There are no warranties which extend beyond those stated herein. Any implied warranties that may be applicable to the tools, including implied warranties of merchantability or fitness for a particular purpose, are limited in duration to the duration of this warranty. Some States do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Under no circumstances shall Florida Pneumatic be liable for any special, incidental, or consequential damages based upon breach of this warranty, breach of contract or strict liability. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

If you have any questions about whether a seller is authorized, call us at (800) 356-3392 or authorizedseller@florida-pneumatic.com. If you would like a physical copy of this warranty, feel free to print this webpage, call our Customer Service team at (800) 356-3392, or write us at 1660 Silver Beach Road, Suite 100, Lake Park, FL 33403, and we'd be happy to send you a copy.



**AUTHORIZED
SERVICE CENTERS**

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3/8" IMPACT WRENCHES		
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1077-TH	3/8" STUBBY IMPACT WRENCH	6
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1059-VXL	3/8" DRIVE COMPOSITE COMPACT IMPACT WRENCH	7
1059-VXL-P	3/8" DRIVE COMPOSITE COMPACT IMPACT WRENCH	7
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