

AIRCAT[®] PNEUMATIC TOOLS

PRODUCT CATALOGUE
2020 / 2021

When you've got real work to do.....
Grab hold of an AIRCAT!

AIRCAT
PNEUMATIC TOOLS[®]

NITROCAT
CAUTION XTREME POWER

VIBROTHERM
by AIRCAT DRIVE[®]

www.aircat-tools.com

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

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

In late 2018 we introduced a new assortment of VIBROTHERM DRIVE™ patented impact wrenches up to 3/4" drive that provide longer working life, lower vibration and shorter length-coupled with "state of the art" cosmetic styling.

In addition the new low weight AIRCAT 1" impact wrenches provide an unmatched 2,100 ft-lb torque with weights between 13 to 19.9 lbs. Our ratchet line up has been expanded to offer extended reach ratchets and sealed flat head ratchets; making the AIRCAT ratchet line up the broadest in the industry.

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



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



- Provides 500 ft-lb of maximum torque
- Only 97.79 mm overall length
- Low weight aluminum alloy housing
- Reliable Jumbo hammer mechanism delivers maximum power, while increasing reliability
- Patented "Silencing Technology" reduces the noise level to 89 dBA
- Trigger mounted combined reverse and power management switch provides ultimate control and one-hand operation



1057-BB
Black Aircat® Boot
Available

1450 1/2" IMPACT WRENCH



1450-2
2" Ext. Anvil

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

1777 3/4" "SUPER DUTY" IMPACT WRENCH



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

SPECIFICATIONS

Model No.	Free Speed (RPM)	Bolt Capacity (mm)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1077-TH	9,000	13	3/8	1600	500	1.27	97.79	12.5	6.0	3/8	1/4
1057-TH	9,000	13	1/2	1600	500	1.27	97.79	12.5	6.0	3/8	1/4
1450	9,000	15	1/2	1200	800	2.20	177.80	13.5	8	3/8	1/4
1450-2	9,000	15	1/2 x 2	1200	800	2.32	228.60	14.0	8	3/8	1/4
1777	6500	26	3/4	1600	1400	3.40	206.24	14.6	8	1/2	3/8

1870-P 1" SUPER DUTY PISTOL IMPACT WRENCH



- Provides 2,100 ft-lb maximum torque
- Unmatched power to weight ratio - weighs only 5.87 Kg.
- 1870-P has low weight impact-resistant housing
- Features combined friction-ring and through-hole socket retainers
- Combined through hole and friction ring socket retainer
- Cranked side handle design avoids operators hand getting too close to work area

1890-P 1" PISTOL IMPACT WRENCH



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

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



**1900-A-1
Short anvil
available**

- Provides 1900 ft-lb maximum torque
- Unique 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" handle grip 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 through hole and friction ring socket retainer

SPECIFICATIONS

Model No.	Free Speed (RPM)	Bolt Capacity (mm)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1870-P	7,500	32	1	1400	2100	5.87	271.78	8.6	7.5	1/2	1/2
1890-P	4,200	32	1	1200	2000	10.88	279.40	12.6	6.1	1/2	1/2
1900-A	5,500	32	1 x 8	1600	1900	11.79	558.80	12.1	12	1/2	1/2
1900-A-1	5,500	32	1	1600	1900	10.97	393.70	12.0	12	1/2	1/2

1076-XL / 1056-XL 3/8" & 1/2" COMPOSITE COMPACT IMPACT



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



1056-BB
Black Aircat® Boot
Available

1150 1/2" IMPACT WRENCH



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



1150-BB
Sleek Black Aircat® Boot
Available



WATCH REVIEW

SPECIFICATIONS

Model No.	Free Speed (RPM)	Bolt Capacity (mm)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1076-XL	9,000	15	3/8	1650	550	1.13	107.95	9.9	8	3/8	1/4
1056-XL	9,000	15	1/2	1650	550	1.13	107.95	9.9	8	3/8	1/4
1150	9,000	15	1/2	1400	900	2.04	190.50	8.1	8	3/8	1/4

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



1250-BB
Sleek Black Aircat®
Boot Coming Soon



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

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



1600-TH-A1
(1" Sq. Drive Anvil Available)



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



1600-BB
Sleek Black Aircat® Boot
Available

1991 1" x 7" LOW WEIGHT EXTENDED IMPACT WRENCH



1991-1 2" Short anvil available

- Provides 2,100 ft-lb maximum torque
- Unmatched power to weight ratio
- Exhaust can be located at either the top or bottom of tool
- Rubber handle grips and rubberized trigger inserts for ultimate comfort
- Combined friction-ring and through-hole socket retainers

SPECIFICATIONS

Model No.	Free Speed (RPM)	Bolt Capacity (mm)	Square Drive (in.)	Impacts Per Minute	Max Torque (ft-lb)	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1250-K	8,500	15	1/2	1000	950	2.04	209.55	6.5	8	3/8	1/4
1600-TH-A	4,500	22	3/4	900	1400	3.67	234.95	7.4	10	1/2	3/8
1600-TH-A1	4,500	32	1	1100	1400	3.74	234.95	7.4	10	1/2	3/8
1991	6,000	32	1 x 7	1600	2100	9.38	482.60	8.8	8	1/2	1/2
1991-1	6,000	32	1	1600	2100	7.57	327.66	8.8	8	1/2	1/2

1059-VXL / 1058-VXL 3/8" & 1/2" COMPACT IMPACT WRENCH



1058-BB
Black Aircat® Boot
Coming Soon

VIBROTHERM by AIRCAT DRIVE™



- Provides 550 ft-lb maximum torque
- VIBROTHERM DRIVE™ impact wrenches incorporate the completely new AIRCAT design impact wrench mechanism (patent pending)
- The new mechanism reduces vibration levels by between 30%-40% and increased the life of the mechanism by 50%
- The latest patented AIRCAT muffler system produces the characteristic AIRCAT unmatched low noise levels
- The patented grip design provide the customary AIRCAT operator comfort
- Investment into tooling and materials and a triple injection molding processes enables AIRCAT to produce cosmetic designs that are unmatched in the industry
- "Three year warranty"

1178-VXL 1/2" IMPACT WRENCH



1178-BB
Sleek Black Aircat® Boot
Coming Soon

VIBROTHERM by AIRCAT DRIVE™



- Provides 1,300 ft-lb loosening torque
- VIBROTHERM DRIVE™ impact wrenches incorporate the completely new AIRCAT design impact wrench mechanism (patent pending)
- The new mechanism reduces vibration levels by between 30%-40% and increased the life of the mechanism by 50%
- The latest patented AIRCAT muffler system produces the characteristic AIRCAT unmatched low noise levels
- The patented grip design provide the customary AIRCAT operator comfort
- Investment into tooling and materials and a triple injection molding processes enables AIRCAT to produce cosmetic designs that are unmatched in the industry
- "Three year warranty"

SPECIFICATIONS

Model No.	Free Speed (RPM)	Bolt Capacity (mm)	Square Drive (in.)	Impacts Per Minute	Max Torque (ft-lb)	Weight (kg)	Length (mm)	Vibration Levels M/Sec2	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1059-VXL	9,000	15	3/8	1700	550	1.27	111.76	4.3	8	3/8	1/4
1058-VXL	9,000	15	1/2	1700	550	1.27	111.76	4.3	8	3/8	1/4
1178-VXL	7,500	19	1/2	1400	950	2.90	203.20	6.5	8	1/4	1/4

1778-VXL 3/4" IMPACT WRENCH



1178-BB
Sleek Black Aircat® Boot
Coming Soon

VIBROTHERM by AIRCAT DRIVE™

- Provides 1,700 ft-lb loosening torque
- VIBROTHERM DRIVE™ impact wrenches incorporate the completely new AIRCAT design impact wrench mechanism (patent pending)
- The new mechanism reduces vibration levels by between 30%-40% and increased the life of the mechanism by 50%
- The latest patented AIRCAT muffler system produces the characteristic AIRCAT unmatched low noise levels
- The patented grip design provide the customary AIRCAT operator comfort
- Investment into tooling and materials and a triple injection molding processes enables AIRCAT to produce cosmetic designs that are unmatched in the industry
- "Three year warranty"

1993-VXL 1' VIBROTHERM DR. EXTENDED ANVIL IMPACT WRENCH



1993-1-VXL available

VIBROTHERM by AIRCAT DRIVE™



- 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

SPECIFICATIONS

Model No.	Free Speed (RPM)	Bolt Capacity (mm)	Square Drive (in.)	Impacts Per Minute	Max. Torque (ft-lb) @90 psi	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
1778-VXL	5,400	26	3/4	1300	1450	3.35	187.96	7.7	8	1/2	3/8
1993-VXL	6,000	32	1 x 6	950	2100	9.16	474.98	12.7	10	1/2	1/2
1993-1-VXL	6,000	32	1	950	2100	8.39	340.36	12.7	10	1/2	1/2

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 widely used for 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 less 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 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 the jaws on the cage directly drives 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



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



801 Available with 3/8" Drive

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

802 3/8" COMPOSITE TWIN PAWL RATCHET



802-5 Available with 1/2" Square Drive

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

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



WARNING: Use with care to avoid finger trapping.

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

808 LONG REACH SERIES RATCHETS



- 808-15 30 ft-lb Maximum torque (15.3" Long)
- 808-15-25 30 ft-lb Maximum torque (15.3" Long)
- 808-22 65 ft-lb Maximum torque (22.5" Long)
- Exclusive AIRCAT design
- Extended drive shafts provide access for hard to reach fasteners
- High grade materials and additional support bearings provide reliability



SPECIFICATIONS

Model No.	Free Speed (RPM)	Bolt Capacity (mm)	Square Drive (in.)	Max. Torque (ft-lb) @90 psi	Weight (kg)	Length (mm)	Vibration Levels M/Sec2	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
800	320	10	1/4	35	0.72	215.90	2.3	4	3/8	1/4
801	320	10	3/8	35	0.73	215.90	2.3	4	3/8	1/4
802 / 802-5	280	10	3/8 / 1/2	70	1.24	266.70	3.2	4	3/8	1/4
805-HT / 805-HT-5	180	16	3/8 / 1/2	130	1.49	316.23	6.6	6	3/8	1/4
808-15 / 808-15-25	200	10	3/8 / 1/4	30	1.4	388.62	5.7	4	3/8	1/4
808-22	160	13	3/8	65	1.95	571.50	6.0	6	3/8	1/4

6200 COMPOSITE STRAIGHT "MINI" DIE GRINDER



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

6201 COMPOSITE STRAIGHT DIE GRINDER



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

6260 COMPOSITE 1.0 HP STRAIGHT DIE GRINDER



- Full 1.0 HP non-stall motor
- Patented 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 (mm)	Gears	Exhaust	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6200	20,000	3/8	6	Direct Drive	Rear	0.40	165.10	2.9	4	3/8	1/4
6201	22,000	1/2	6	Direct Drive	Rear	0.49	215.90	3.1	6	3/8	1/4
6260	22,000	1.0	6	Direct Drive	Rear	0.54	234.95	2.3	8	3/8	1/4
6210	20,000	1/2	6	Direct Drive	Rear	1.13	342.90	3.1	6	3/8	1/4
6255	20,000	1/2	6	Spiral-Bevel	Rear	0.49	177.80	2.5	6	3/8	1/4

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)

6520 3" COMPOSITE REVERSIBLE CUT-OFF TOOL



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

6525-A IN-LINE CUT-OFF TOOL



- 5/8 HP motor provides non-stall operation
- Side mounted wheel and in-line motor allows for straight cutting of materials
- Composite grip has been ergonomically designed to provide unmatched comfort for the user
- Rear exhaust allows exhaust air to be directed as preferred
- Manufactured from high grade material precision parts designed for industrial and heavy duty automotive use

6530 FLEX HEAD CUT OFF TOOL



3 Position Flex Head

- 18,000 RPM Free speed
- 0.5 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

SPECIFICATIONS

Model No.	Free Speed (RPM)	Motor (HP)	Wheel Size (in)	Gears	Cutting Capacity	Ex-haust	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6275-A	14,000	1.0	5	Spiral Bevel	3/4" Rolled Steel / 18 Gauge	Rear	1.70	393.70	3.8	6	3/8	1/4
6520	18,000	1/2	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	0.72	177.80	1.8	4	3/8	1/4
6525	18,000	5/8	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	0.99	201.93	3.1	6	3/8	1/4
6530	18,000	0.5	3	Direct Drive	3/4" Rolled Steel / 18 Gauge	Rear	2.6	8.8	1.9	6	3/8	1/4

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)

SPECIFICATIONS

Model No.	Free Speed (RPM)	Motor (HP)	Chuck Size (in.)	Gears	Spindle Thread Size (in.)	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
4338	1,800	5/8	3/8	Planetary	3/8 x 24	1.13	177.80	1.7	6	3/8	1/4
4450	400	5/8	1/2	Planetary	3/8 x 24	1.36	203.20	1.0	6	3/8	1/4

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



- **7/10 HP motor**
- Low weight composite housing reduces weight.
- Patented one-click reverse button provides instant change of direction
- Patented "silencing technology" reduces the noise level to 83 dBA
- Patented grip has been ergonomically designed to perfectly fit the hand-providing unmatched comfort for the user
- **Forward position handle allows operator to apply increased feed force**
- Forward position handle allows more control to start hole, and more control to maintain the drilled hole axis

4337 3/8" ANGLE DRILL



- **3/4 HP motor**
- Precision spiral bevel gears increase reliability
- Conveniently positioned forward/reverse knob
- Built-in speed regulator for added control
- Ergonomically designed composite over-mold grip and throttle lever provide unmatched comfort for the user
- Fitted with grease nipple for gear relubrication
- Internal silencing reduces noise level to 75d(B)A
- Rear exhaust direct air away from work area
- Fitted with keyed chuck

SPECIFICATIONS

Model No.	Free Speed (BPM)	Motor (HP)	Spindle Thread Size (in.)	Chuck Size (in)	Gears	Weight (kg)	Length (mm)	Vibration Levels M/Sec2	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
4451	400	7/10	3/8 x 24	1/2	Caged Planetary	1.86	235.45	2.5	9	3/8	1/4
4337	1,600	3/4	3/8	3/8	Spiral Bevel	1.08	210.82	2.1	6	3/8	1/4

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

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

- A choice of fifteen models 3/32" and 3/16" orbit options
- Non vacuum, central vacuum and self vacuum options
- 1", 3", 5" 6", and 8" "hook & loop" pad options
- Only 1.6 CFM average air consumption and 6.2 CFM continuous running under load
- Advanced silencing technology reduces noise levels to 75-78 d(B)A
- Patented double sealed, lubrication free motor prevents dust contamination of the air motor and eliminates the need for oiling
- Orbital sanders feature the AIRCAT "smooth design" throttle lever and "ergonomic grip" providing unmatched comfort
- Patented "anti vibration" motor reduces vibration level to 1.8 m/sec²
- Low weight: Orbital sanders 0.9 kg and geared sanders 1.5 kg
- Low profile: Orbital sanders 4.3" high and geared sanders 4.5"

SPECIFICATIONS

Model No.	Description	Pad Size (in)	Orbit (mm)	Pad Type	No. Vacuum Pad Holes	Free Speed (RPM)
6700-1-332	Non Vac Palm Sander	1	2.5	Hook & Loop	0	8,000
6700-5-336	Non Vac Orbital Palm Sander	5	5	Hook & Loop	0	11,000
6700-6-336	Non Vac Orbital Palm Sander	6	5	Hook & Loop	0	11,000
6700-6-332	Non Vac Orbital Palm Sander	6	2.5	Hook & Loop	0	11,000
6700-5-336CV	Central Vac Orbital Palm Sander	5	5	Hook & Loop	6	11,000
6700-6-336CV	Central Vac Orbital Palm Sander	6	5	Hook & Loop	6	11,000
6700-6-332CV	Central Vac Orbital Palm Sander	6	2.5	Hook & Loop	6	11,000
6700-6-336SV	Self Vac Orbital Palm Sander	6	5	Hook & Loop	6	11,000
6700-6-332SV	Self Vac Orbital Palm Sander	6	2.5	Hook & Loop	6	11,000
6700-3-336	Non Vac Orbital Palm Sander/Polisher	3	5	Hook & Loop	6	11,000
6700-3-336CV	Central Vac Orbital Palm Sander/Polisher	3	5	Hook & Loop	6	11,000
6700-8GCV	Central Vac Geared Planetary Motion Sander	8	5	Hook & Loop	8	900
6700-8G	Non Vac Geared Planetary Motion Sander	8	5	Hook & Loop	0	900
6700-6GCV	Central Vac Geared Planetary Motion Sander	6	5	Hook & Loop	6	900
6700-6G	Non Vac Geared Planetary Motion Sander	6	5	Hook & Loop	0	900

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



6700-8G
6700-8GCV



6700-6G
6700-6GCV



6700-5-336
6700-6-336



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



6700-1-332



6700-3-336
6700-3-336CV



6700-6-332
6700-6-332CV

Weight (kg)	Length w/Pad Fitted (mm)	Width w/Pad Fitted (mm)	Height w/Pad Fitted (mm)	Noise Level d(B)A	Vibration m/sec ²	Average Air Cons. (CFM)	Air Inlet NPT/BSP (in.)
0.77	170.18	76.20	109.22	75	1.8	1.6	1/4
0.90	170.18	127.00	109.22	75	1.8	1.6	1/4
0.90	172.72	152.40	109.22	75	1.8	1.6	1/4
0.90	172.72	152.40	109.22	75	1.8	1.6	1/4
0.90	213.36	127.00	109.22	75	1.8	1.6	1/4
0.90	213.36	152.40	109.22	75	1.8	1.6	1/4
0.90	213.36	152.40	109.22	75	1.8	1.6	1/4
0.90	205.74	152.40	109.22	75	1.8	1.6	1/4
0.90	205.74	152.40	109.22	75	1.8	1.6	1/4
0.81	139.70	76.20	109.22	75	1.8	1.6	1/4
0.81	182.88	76.20	109.22	75	1.8	1.6	1/4
1.58	304.80	203.20	114.30	78	2.5	3.0	1/4
1.58	284.48	203.20	114.30	78	2.5	3.0	1/4
1.54	279.40	152.40	114.30	78	2.5	3.0	1/4
1.54	259.08	152.40	114.30	78	2.5	3.0	1/4

6310 6" DUAL ACTION SANDER



- 10,000 RPM
- 3/16" (2.5 mm) Orbit
- Low weight (1 kg) 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" high

6320 SPOT SANDER AND POLISHER



- Features internal 1/8" orbital head for ultra-fine sanding and polishing
- The combined spindle-counter balance reduces vibration levels to 1.8 m/sec² and adds reliability
- Precision alloy steel spiral-bevel gears extend tool life
- Lamb wool and sponge polishing bonnets/pads are also available separately
- The internal silencing system reduces noise levels to 78 dBA
- Supplied complete with Velcro® 1.25" and 2" round and a triangular pad

Sanding discs for all three pads types are available separately in 120/180/320/600/1000/1500 grit sizes, sanding discs are packed as 10 pc. of each grit size

6350 LOW VIBRATION SAW



- 9,500 stroke/minute motor provides very fast cutting action
- The internal damping system reduces the vibration level to 2.5m/sec²
- Comes complete with 18, 24 and 32 teeth power saw blades
- The metal blade retainer increases reliability
- The rotational rear exhaust muffler allows exhaust air to be directed as preferred
- The 6350 has a short overall length of only 203.20 mm and low a weight of only 0.51 kg providing good work area access and comfortable operation

SPECIFICATIONS

Model No.	Free Speed (RPM)	Pad /Belt Size (in.)	Spindle Thread (in.)	Gears	Exhaust	Orbit Off-set (mm)	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6310	10,000	6	5/16 - 24	Direct Drive	Rear	4.76	1.0	266.70	1.8	2.5	3/8	1/4

Model No.	Free Speed (RPM)	Pad / Bonnet Size (in.)	Spindle Thread (in.)	Orbit Off-set (mm)	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6320	13,000	1 x 2	1/4	3.17	0.49	154.94	1.8	2.5	3/8	1/4

Model No.	Free Speed (RPM)	Motor (HP)	Cutting Capacity	Exhaust	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
6350	9,500	1/2\	3/16" Steel Plate - 18 Gauge	Rear	0.51	203.20	7.7	4	3/8	1/4

5100-A-T COMPOSITE AIR HAMMER



5100-A

- 3,000 Blows per minute for fast cutting action
- High performance and low weight
- Multi-patented muffler/exhaust system gives this tool an extremely low noise of 88 dBA and vibration level of 4.2 m/sec²
- High quality safety-lock retainer for ease of chisel change and added safety
- Model 5100-A Includes: Blow Mold Kit, 5 Pc. Chisel Set and Quick Change Retainer

5200-A-T COMPOSITE LONG STROKE AIR HAMMER



- 2100 blows/minute provide hard hitting cutting action
- 3-3/4" Piston Stroke
- Vibration damped technology reduces the vibration level to 4.2 m/sec²
- Patented AIRCAT design double injection composite grip has been ergonomically designed to provide unmatched comfort for the user
- Patented AIRCAT silencing technology
- Heavy duty ball-lock quick change chisel retainer adds safety and reliability

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



5300-A

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

SPECIFICATIONS

Model No.	Free Speed (BPM)	Pistol Stroke	Shank Opening	Retainer	Valve	Weight (kg)	Length (mm)	Vibration Levels M/Sec ²	Air Cons. (CFM)	Rec. Hose Size (in.)	Air Inlet (in.) NPT/BSP
5100-A-T	3,000	2-5/8	.401"	Safety-lock	Plate	1.49	193.04	4.2	6	3/8	1/4
5200-A-T	2,100	3-3/4	.401"	Safety-lock	Plate	1.99	279.40	4.2	6	3/8	1/4
5300-A-T	1,760	2-11/16	.498"	Quick Change	Plate	2.08	227.07	17.4	6	3/8	1/4

IMPACT BOOTS



1056-BB
Black Aircat® Boot

Fits Models: 1056-XL and 1076-XL



1150-BB
Sleek Black Aircat® Boot

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



1600-THBB
Sleek Black Aircat® Boot

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

ACCESSORIES



100-C
Creeper

Dimensions: 1016 mm x 482.6 mm x 120.65 mm
Capacity: 127 Kg



300-C
AIRCAT® Magnetic Mat



500-C
AIRCAT® Tool Bag

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

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.

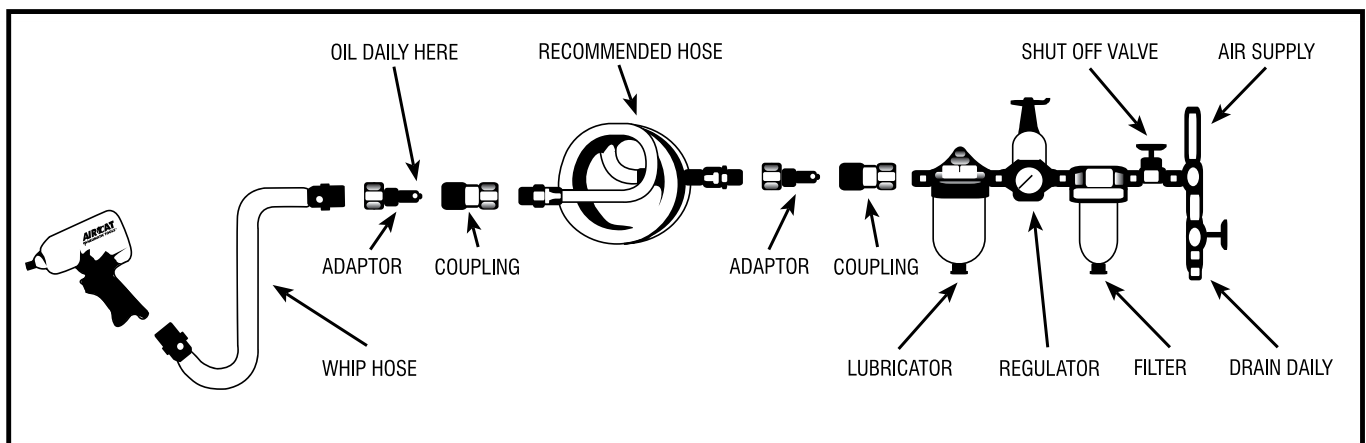
Operator Training for Air Tool; Air Tool Accessory and Compressed Air Use

- 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.

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.



SERVICE CENTERS

AirCat Repair Agent Customer	Address	Telephone number
A & B Air Systems Ltd	Unit 21 Abenbury Way Wrexham Ind Estate Wrexham, Clwyd LL13 9UZ	01978 661999
Airtool Repair Centre	65 Berwick Road Borehamwood, Herts WD6 4BG	020 8207 3027
B N D Abrasives & Tapes Ltd	Stephenson Close East Portway Ind Estate Andover, Hants SP10 3RU	01264 354133
E N W Pneumatics Services	91 Fengate Peterborough, Cambridgeshire PE1 5BA	01733 564875
J & S Products Ltd	Unit 46, Hellesdon Park Road Drayton High Road Norwich Norfolk NR6 5DR	01603 402850
Kingston Air & Hydraulics	Unit 1, Riverside Park Reservoir Road Hull HU6 7QD	01482 216440
Mettex Fasteners Ltd	Spencroft Road Holditch Industrial Estate Newcastle-under-Lyne, Staffs ST5 9JB	01782 713023
Midland Air Tools Ltd	Unit 1 Apex Business Park Walsall Road, Norton Canes Cannock, Staffordshire WS11 9PU	01543 276119
ST Sheldon	Unit 31, Wren Court Strathclyde Business Park Bellshill, Lanarkshire ML4 3NQ	01698 747470
Garage Technical Services	46 Verschoyle Drive Saggart Abbey, Citywest Road Dublin 24	00353 877564289
NDI tec GmbH	Scherpheimerweg 3 46509 Xanten Germany	0049 2801 9879-370
PF Teknik	Buyukdere Mh Millet Cd. No 74/C 26040 Odunpazari, ESKISEHIR Turkey	00905320664081
Ciam Group	40 av. des Arlucs 06150 Cannes, La Bocca France	0033 484 859895

Visit Service Centers Online www.aircat.com/service-centers

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.



VIBROTHERM™ air tools and our low weight 1" impact series models (1991, 1991-1 and 1870-P) are warranted to be free from defects in material and workmanship for 3 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 3 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. This 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.

INDUSTRY ASSOCIATIONS





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