

AIRCAT[®] INDUSTRIAL



PRODUCTS CATALOGUE 2020

AIRCAT[®] INDUSTRIAL



ABOUT US

Universal Tool, Aircat and Aircat Industrial offers a wide selection of air tools for industrial and MRO applications.

Our headquarter is in **Jupiter, Florida** and 65,000 square foot assembly and distribution facility is located in Jupiter, Florida and **High Wycombe, United Kingdom**.

The **Aircat Industrial** product offering is manufactured at our factories in Pennsylvania. Other products carrying the UT or Aircat Industrial nameplate are manufactured at partner factories in Asia, where our concepts of quality and reliability are shared.

The **Aircat Industrial** nameplate is a symbol for quality and workmanship with innovative products featuring the latest advances in air tool design. **At Aircat Industrial**, performance proven products and people are something you can trust today and tomorrow.



Industrial & MRO Impact Tools



PRODUCT FEATURES:

- Refined design twin hammer and biased motors provide high torque
- Low weight composite housings
- Ergonomic trigger design with feather control
- Push button forward / reverse for instant change in direction
- Four position power management / switch conveniently located in the back cap
- Hammer cases on AIRCAT industrial models are not titanium finish
- Built-In side impact buffers
- Over-molded ergonomic grip



SPECIFICATION

Model Number	Free Speed (RPM)	Bolt Capacity (mm)	Square Drive (in.)	Impact Per Minute	Max. Torque (Nm) @90psi	Weight (Kg)	Length (mm)	Vibration Levels (M/Sec ²)	Air Cons (CFM)	Rec. Hose size. (In.)	Air Inlet (in.) NPT/BSP
1280-IND	8000	14.3	1/2	1600	1085	2.09	168	8.1	8	3/8	1/4
1780-IND	6500	25.4	3/4	1300	1890	3.36	210	14.6	8	1/2	3/8

Heavy Duty Industrial Impact Tools



PRODUCT FEATURES:

- Fully corrosion resistant internal moving parts
- Work continuously in high moisture or corrosive environments
- Rugged motor housing design
- Bronze endplates for increased motor durability
- Forged steel hammer case
- High performance 7 - vane motor
- Anti-corrosion package applied to all internal moving components
- Tools are made in USA
- Best for: Super heavy-duty applications and work under extremely conditions.



SPECIFICATION

Model Number	Bolt Capacity (mm)	Square Drive (in.)	Max.Torque (Nm) @90psi	Weight (Kg)	Length (mm)	Vibration Levels (M/S ²)	Air Cons (CFM)	Rec. Hose size. (In.)	Air Inlet (in.) NPT/BSP
7225P-IND	5/8" - 3/4"	3/4"	2400	5.55	227	10.5	55	3/4"	3/8" NPT
7226P-IND	5/8" - 3/4"	1"	2400	5.61	229.4	10.5	55	3/4"	3/8" NPT
7336E-IND	1" - 1-3/8"	1"	3796	9.75	328.9	13.2	70	3/4"	1/2" NPT
7346E-IND	1" - 1-3/8"	1"	4476	11.17	356.1	17.1	75	3/4"	1/2" NPT
7436E-IND	1-3/8" - 1-1/2"	1-1/2"	5694	16.12	413.4	20.8	90	3/4"	1/2" NPT

Heavy Duty Grinding Tools



PRODUCT FEATURES:

- 6mm steel die grinder series
- 1.0 and 0.6HP motors prevents stall under load
- All steel construction for super duty use and ultimate durability
- Equipped with 6mm collet for extra precision and holding power
- 6225-IND: Standard length
- 6225E-IND: Extended length spindle
- 6225ECW: Extended length cone wheel tool 26" OAL
- 6211-T-IND: Precision turbine grinder, lubrication free, durable aluminum housing, low vibration
- Best for: Super heavy-duty grinding applications in foundry, shipbuilding and heavy metal fabrication



SPECIFICATION

Model Number	Free Speed (RPM)	Motor (HP)	Collet Size (mm)	Weight (Kg)	Length (mm)	Vibration Levels (M/S ²)	Air Cons (CFM)	Rec. Hose size. (In.)	Air Inlet (in.) NPT/BSP
6225-IND	25,000	1.0	6mm	0.9	159mm	0.49	22CFM	3/8"	1/4"-19PT
6225E-IND	25,000	1.0	6mm	1.4	283mm	0.49	22CFM	3/8"	1/4"-19PT
6225ECW-IND	20,000	1.0	Spindle: 5/8"-11	2	603mm	0.49	24CFM	3/8"	1/4"-19PT
6211-T-IND	100,000	0.6	3mm	0.3	190mm	NA	7 CFM	3/16"	1/4"-19PT

Industrial & MRO Grinding Tools



PRODUCT FEATURES:

- 0.45 HP motor prevents stall under load
- Oil free motor features machined carbon fiber blades
- Throttle valve designed for variable speed control
- Precision 3-piece collets
- 6224T-IND: Threaded 1/4"-20 spindle for limited access applications
- Best for: Continuous use applications for Light Industrial, Aerospace and MRO



SPECIFICATION

Model Number	Free Speed (RPM)	Motor (HP)	Collet Size (mm)	Version	Gears	Exhaust	Weight (Kg)	Length (mm)	Vibration Levels (M/Sec ²)	Air Cons (CFM)	Rec. Hose size. (In.)	Air Inlet (in.) NPT/BSP
6224-IND	20000	0.45	6	Straight	No gear	REAR	0.5	165	1.32	4.5	3/8	1/4
6224-12-IND	12000	0.45	6	Angle	Bevel gear	REAR	0.55	165	1.32	4.5	3/8	1/4
6224-20-IND	20000	0.45	6	Angle	Bevel gear	REAR	0.55	165	1.32	4.5	3/8	1/4
6224T-IND	20000	0.45	1/4"-20T	Angle	Bevel gear	REAR	0.55	165	1.32	4.5	3/8	1/4

Heavy Industrial Grinding & Cutting Tools



PRODUCT FEATURES:

- 2.3 and 2.5 HP motor angle grinder and 1.0 HP cut-off-tool
- Safety lock-off throttle
- One-piece housing reduces maintenance costs
- Heavy duty air cooled spiral gears and double bearings for added durability
- Ergonomic composite grip for comfort and reduced vibration
- Dual exhaust silencing for added noise control
- Left- or right-hand assist handle positions
- Best for: Continuous use extra heavy-duty surface preparation and material removal



SPECIFICATION

Model Number	Free Speed (RPM)	Motor (HP)	Collet/ Spindle Size (mm)	Wheel size (in)	Exhaust	Weight (Kg)	Length (mm)	Vibration Levels (M/S ²)	Air Cons (CFM)	Rec. Hose size. (In.)	Air Inlet (in.) NPT/BSP
6384-IND	13,500	2.3	3/8"-24	4.0	3/8"	1.9	249	5.5	6.2	3/8"	BSP
6385-IND	12,000	2.3	5/8"-11	5.0	3/8"	2	249	5.5	6.2	3/8"	BSP
6366-IND	7,000	2.5	5/8" - 11	7" Type 27	3/8"	3.4	330	1.5	5.4	3/8"	BSP
6275-IND	14,000	1.0	4	4.0	Rear	3.75	15.5	3.8	6	3/8"	1/4 BSP

Industrial Drilling Tools



PRODUCT FEATURES:

- 3/8 and 1/2" non-reversible and reversible drill
- 0.9 HP motor for ultimate stall resistance
- Fully caged gears with needle bearings for ultimate reliability
- Ported throttle valve for ultimate control and reliability
- Through handle exhaust with built-in silencing system
- Advanced ergonomically designed handle with "Soft-touch" coating offers ultimate comfort and reduced vibration
- Jacobs® industrial chuck for accuracy and durability
- Reversible models are ideal for reaming and rivet removal
- Best for: Continuous drilling in high volume applications



SPECIFICATION

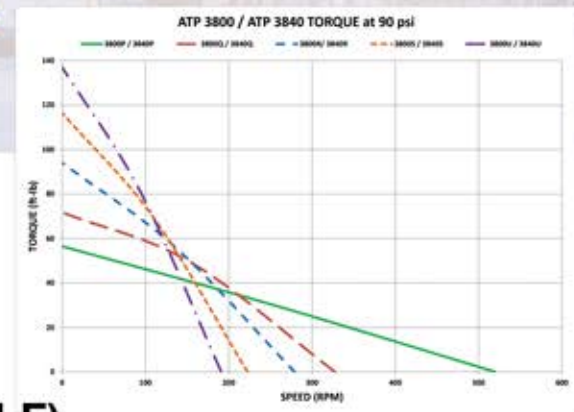
Model Number	Free Speed (RPM)	Motor (HP)	Spindle thread Size (in.)	Chuck Size (in.)	Gears	Weight (Kg)	Length (mm)	Vibration Levels (M/Sec ²)	Air Cons (CFM)	Rec. Hose size. (In.)	Air Inlet (in.) NPT/BSP
4495-IND	2600	0.9	3/8"-24T	3/8	Full caged gear	1	197	5.02	18.4	3/8	1/4
4495R-IND	1800	0.8	3/8"-24T	3/8	Full caged gear	1	197	5.02	18.4	3/8	1/4
4496-IND	500	0.9	3/8"-24T	1/2	Full caged gear	1.5	241	5.02	18.4	3/8	1/4
4496R-IND	400	0.8	3/8"-24T	1/2	Full caged gear	1.5	241	5.02	18.4	3/8	1/4

Industrial Air Motors 3800

PRODUCT FEATURES:

- High output durable vane motor
- Rugged planetary gearing
- Keyed output drive shaft
- Variable speed control
- Six hole face mounting
- Mount in any position

3800 & 3840 HORSEPOWER AND TORQUE RATINGS



SPECIFICATION (NON-REVERSIBLE)

Model Number	Max Power (HP)	Max Power (KW)	Speed at Max. Power (RPM)	Free Speed (RPM)	Starting Torque (ft lb)	Starting Torque (Nm)	Stall Torque (ft lb)	Stall Torque (Nm)	Air Consumption At Max. Power (CFM)	Weight (lb)	Weight (Kg)
3800P	1.45	1.08	285	600	42	57.0	56.5	76.6	48	8.5	3.86
3800Q	1.45	1.08	180	375	62	84.0	83.5	113.0	48	8.5	3.86
3800R	1.45	1.08	150	320	72	98.0	96.0	130.0	48	8.5	3.86
3800S	1.45	1.08	120	255	88	119.0	118.0	160.0	48	8.5	3.86
3800U	1.45	1.08	105	220	105	142.0	140.0	189.0	48	8.5	3.86

SPECIFICATION (REVERSIBLE)

Model Number	Max Power (HP)	Max Power (KW)	Speed at Max. Power (RPM)	Free Speed (RPM)	Starting Torque (ft lb)	Starting Torque (Nm)	Stall Torque (ft lb)	Stall Torque (Nm)	Air Consumption At Max. Power (CFM)	Weight (lb)	Weight (Kg)
3840P	1.35	1.01	215	440	40	54.2	53.5	72.6	44	8.75	3.97
3840Q	1.35	1.01	130	280	60	81.4	80.0	108.0	44	8.75	3.97
3840R	1.35	1.01	122	238	69	93.0	92.0	125.0	44	8.75	3.97
3840S	1.35	1.01	100	190	86	116.0	115.0	156.0	44	8.75	3.97
3840U	1.35	1.01	83	162	100	135.0	134.0	181.0	44	8.75	3.97

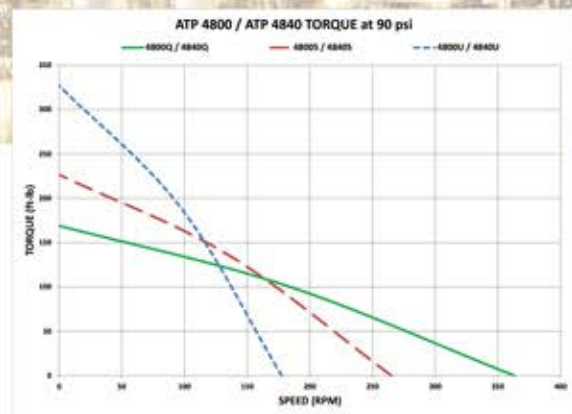
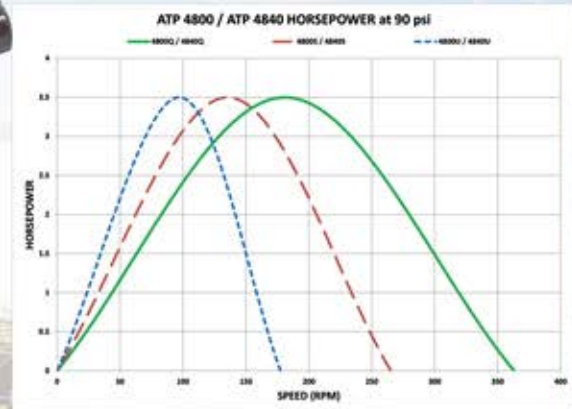
Industrial Air Motors 4800

4800 & 4840 HORSEPOWER AND TORQUE RATINGS



PRODUCT FEATURES:

- High output durable vane motor
- Rugged planetary gearing
- Keyed output drive shaft
- Variable speed control
- Six hole face mounting
- Mount in any position



SPECIFICATION (NON-REVERSIBLE)

Model Number	Max Power (HP)	Max Power (KW)	Speed at Max. Power (RPM)	Free Speed (RPM)	Starting Torque (ft lb)	Starting Torque (Nm)	Stall Torque (ft lb)	Stall Torque (Nm)	Air Consumption At Max. Power (CFM)	Weight (lb)	Weight (Kg)
4800Q	3.5	2.6	194	375	175	237	173	235	95	19.75	9.0
4800S	3.5	2.6	146	275	241	327	238	323	95	19.75	9.0
4800U	3.5	2.6	97	185	359	487	354	480	95	19.75	9.0

SPECIFICATION (REVERSIBLE)

Model Number	Max Power (HP)	Max Power (KW)	Speed at Max. Power (RPM)	Free Speed (RPM)	Starting Torque (ft lb)	Starting Torque (Nm)	Stall Torque (ft lb)	Stall Torque (Nm)	Air Consumption At Max. Power (CFM)	Weight (lb)	Weight (Kg)
4840Q	3.3	2.5	169	350	160	217	157	213	95	19.75	9.0
4840S	3.3	2.5	127	255	220	298	216	293	95	19.75	9.0
4840U	3.3	2.5	84	170	325	440	322	437	95	19.75	9.0

Notes

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