



Precision Hand Tool Series

Constant High Speed and Torque • 25,000 - 90,000 rpm, <1.4 hp / 1.04 kW

- Powerful speed governed motor with no gears: up to 1.4 hp / 1.04 kW.
- Patented light weight range. Patented automatic brake option.
- Less fatigue and injury risk. Low vibration & noise.
- High torque and power: 25,000 rpm - 90,000 rpm.
- Greater precision, finer finished surfaces. “Speed Does the Cutting”.
- No gears, no vanes, low friction, no lubrication, no maintenance, no control unit.

Air Turbine Differences

- Polishing, Finishing, Part Cleaning, Engraving, Routing, Tool & Die, Weld and Flash Removal, etc.
- 25,000 - 90,000 rpm, 0.15 - 1.40 hp / (0.11 - 1.04 kW). Direct Drive - only two moving parts.
- Powerful light weight range with low weight and ultra low vibration. Effective cutting with less fatigue.
- Inlet air pressure 90 psi (6.2 bar) Max. Dry air only. Up to 30% savings on compressed air consumption.
- Totally oil-free system; grease-packed bearings.
- Constant high speed and torque under variable load.
- Fewer moving parts, less maintenance, fewer repairs.
- Super Precision: Super Finishing.
- No Vanes or Gears, No Maintenance, Lubrication free.
- Eliminate Oil Mist from Shop Air and Work piece.
- High peripheral speed cuts and finishes cleaner.
- 12 Month Limited Warranty / CE Mark.



#30008
High Flow Filter Regulator Extractor
(use for all models other than 230X and 310X models) 0.3 µm



#30084
High Flow Filter Regulator Extractor with 1/2" NPT
(use for 230X and 310X models) 0.3 µm

Optional Collets, Ceramic & Angular Bearings,
Air Supply Assembly with Fittings and Foot Pedal
Accessories available at www.airturbinetools.com

Accessories



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Improved Cutting Action
Constant High Speed
Completely Oil Free
No Maintenance
No Control Unit

Do not use couplings / hoses less than 1/4" / 6mm Internal Diameter (ID). With 230, 525X, and 3090 units use a minimum 3/8" / 9.5mm ID coupling / hose. For 230X / 310RX units use a minimum 10mm ID coupling / hose. Always use a 5 micron filter and / or extractor where required and check specified psi or I/s air flow. Use 6.2 bar / 90 psi clean, dry, oil-free air only. Use eye protection and follow safety instructions. Supply is subject to Air Turbine Technology Inc. (ATT) distributor policies and upon terms contained in the ATT distributor agreement. Subject to availability, change of specifications, price and terms without notice. All specifications approximate. © 2015 Air Turbine Tools, Inc. All rights reserved.

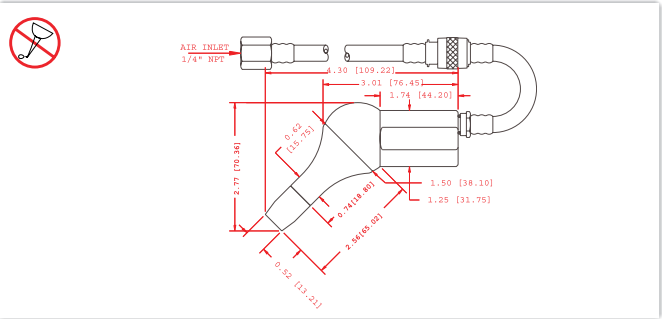
Angle Tool Series

Patented design, entire tool in head = no gears = light and ultra low vibration.



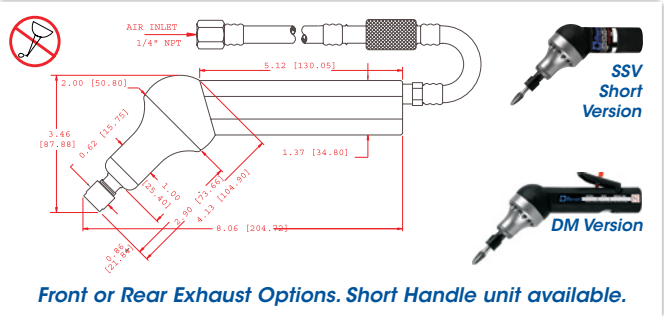
40,000 - 65,000 rpm
0.20 hp (0.15 kW)
6 oz (0.17 kg)

1/8" (3mm)



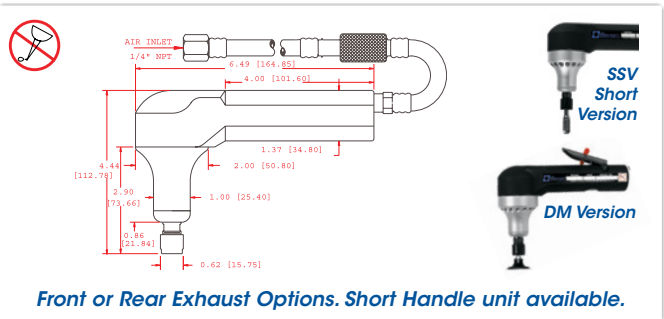
30,000 - 40,000 rpm
0.45 hp (0.34 kW)
SV: 18 oz (0.51 kg)
DM: 20 oz (0.57 kg)

1/4" (6mm)



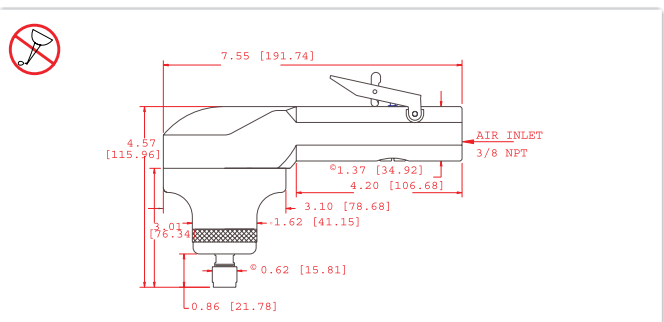
30,000 - 40,000 rpm
0.45 hp (0.34 kW)
SV: 18 oz (0.51 kg)
DM: 20 oz (0.57 kg)

1/4" (6mm)



25,000 - 40,000 rpm
0.88 hp (0.66 kW)
30 oz (0.85 kg)

1/4" (6mm)



0145SSV

2545SV

2590SV

3090DM

General Specifications	0145SSV	2545 Series	2590 Series	3090DM Series
Governed Speed rpm	40,000 / 50,000 / 65,000	30,000 / 40,000	30,000 / 40,000	25,000 / 30,000 / 40,000
Power Rating hp (kW)	.15 (.11) / .2 (.15) / .2 (.15)	.4 (0.30) / .45 (0.34)	.4 (0.30) / .45 (0.34)	.76 (.57) / .83 (.62) / .88 (.66)
Inlet Air Pressure	90 psi (6.2 bar)	90 psi (6.2 bar)	90 psi (6.2 bar)	90 psi (6.2 bar)
Air Consumption Idle cfm (l/s)	3.2 (1.51) / 4 (1.89) / 4 (1.89)	10 (4.72) / 13 (6.14)	10 (4.72) / 13 (6.14)	13 (6.14) / 14 (6.61) / 14 (6.61)
Air Consumption Working Flow cfm (l/s)	4.7 (2.22) - 7 (3.30)	11 (5.19) - 20 (9.44)	11 (5.19) - 20 (9.44)	14 (6.61) - 35 (16.52)
TIR Collet Held Shank	Less Than .001" (.03mm)	Less Than .001" (.03mm)	Less Than .001" (.03mm)	Less Than .001" (.03mm)
Sound Level	Less Than 67 dBA	Less Than 67 dBA	Less Than 67 dBA	Less Than 67 dBA
Max Shank Capacity	1/8" (3mm)	1/4" (6mm)	1/4" (6mm)	1/4" (6mm)

Accessory Filters Available • SV = Slide Valve, DM = Trigger Switch

