



201SV

1/8" / 3mm Collet Capacity
40,000 RPM - 90,000 RPM, 0.2 HP

The light 201 is powerful – designed to work reliably in industrial applications. The 201SV with slide valve for quick-shut off is rated for nonstop work. Only a light hand guiding the 201SV is needed to get improved precision, faster-cutting action, and finer finished surface quality.

Optional automatic brake is available.



General Specifications	201SV			
Speed RPM	40,000	50,000	65,000	90,000
Power Rating hp (kW)	0.15 (0.11)	0.2 (0.15)	0.2 (0.15)	0.2 (0.15)
Inlet Air Pressure	90 PSI (6.2 Bar)			
Air Consumption Idle cfm (l/s)	3 (1.51)	4 (1.88)	4 (1.88)	5 (2.36)
Air Consumption Working Flow cfm (l/s)	4.8 (2.22) - 7 (3.30)			
Sound Level	Less Than 67 dBA			
Max Shank Capacity	1/8" (3mm)			
Hand Tool Weight	6oz (0.17kg)			



206XSV

1/4" / 6mm Collet Capacity
40,000 RPM - 50,000 RPM, 0.4 HP

Light and Quiet with ultra-low vibration magnitude at 1.43 m/s² r.m.s. At 0.4 hp (0.30 kW) our patented double turbine 206XSV with slide valve for quick shut-off punches way above its weight of 8.2 oz (0.23 kg). Work with governed high speed which stays near rated speed under load at constant 50,000 rpm. You will get superb surface quality and virtually no stress or noise.

Optional dead man's trigger switch for quick-shut off is available.



General Specifications	206XSV	
Speed RPM	40,000	50,000
Power Rating hp (kW)	0.3 (0.22)	0.4 (0.3)
Inlet Air Pressure	90 PSI (6.2 Bar)	
Air Consumption Idle cfm (l/s)	6 (2.83)	
Air Consumption Working Flow cfm (l/s)	7 (3.30) - 10 (4.27)	
Sound Level	Less Than 67 dBA	
Max Shank Capacity	1/4" (6mm)	
Hand Tool Weight	8.2oz (0.23kg)	



0145SSV

1/8" / 3mm Collet Capacity
40,000 RPM - 65,000 RPM, 0.2 HP

Put the 0145SSV in your fingers or palm and experience exceptionally fine control necessary for close proximity work. Feather-light at 6 oz (0.17 kg) the 0145SSV has lots of torque. The 0145 is so naturally balanced that it feels like an extension of your hand. This tool is effective for precision work, marking, or deburring. The patented 45° design conforms to the natural position of your hand for hand-eye coordination and comfort.



General Specifications	0145SSV		
Speed RPM	40,000	50,000	65,000
Power Rating hp (kW)	0.15 (0.11)	0.2 (0.15)	
Inlet Air Pressure	90 PSI (6.2 Bar)		
Air Consumption Idle cfm (l/s)	3.2 (1.51)	4 (1.89)	4 (1.59)
Air Consumption Working Flow cfm (l/s)	4.7 (2.22) - 7 (3.30)		
Sound Level	Less Than 67 dBA		
Max Shank Capacity	1/8" (3mm)		
Hand Tool Weight	6oz (0.17kg)		



2545SSV

1/4" / 6mm Collet Capacity
30,000 RPM - 40,000 RPM, 0.45 HP

The patented 45° 2545SSVF angle tool with slide valve control and front exhaust is designed with the turbine in its angle head and no gears.

Lightweight with low vibration provides superior comfort. Optional trigger switch, long version handle and 90° version available.



General Specifications	2545SSV	
Speed RPM	30,000	40,000
Power Rating hp (kW)	0.4 (0.3)	0.45 (0.34)
Inlet Air Pressure	90 PSI (6.2 Bar)	
Air Consumption Idle cfm (l/s)	10 (4.72)	13 (6.14)
Air Consumption Working Flow cfm (l/s)	22 (10.38) - 30 (14.16)	
Sound Level	Less Than 67 dBA	
Max Shank Capacity	1/8" (3mm)	
Hand Tool Weight	8oz (0.23kg)	



310RXSV

1/4" / 6mm Collet Capacity
25,000 RPM - 40,000 RPM, 0.8 HP

Incredible Double Turbine Power – to 1.40 hp (1.04 kW). Composites, plastics, and alloys can be routed faster and cleaner at 40,000 rpm with finer surface quality and less fiber break-out with the 310RXSV. The oil-free patented mechanism results in no oil misting and no part contamination. The 310RXSV is a powerful direct-drive turbine with only 2 moving parts: the result is low vibration, no heat, and great durability.



General Specifications	310RXSV		
Speed RPM	25,000	30,000	40,000
Power Rating hp (kW)	1.2 (0.9)	1.3 (0.98)	1.4 (1.04)
Inlet Air Pressure	90 PSI (6.2 Bar)		
Air Consumption Idle cfm (l/s)	16 (7.55)	17 (8.02)	18 (8.50)
Air Consumption Working Flow cfm (l/s)	19 (8.97) - 40 (18.89)		
Sound Level	Less Than 67 dBA		
Max Shank Capacity	1/4" (6mm)		
Hand Tool Weight	41.4oz (1.17kg)		



525XSV

1/4" / 6mm Collet Capacity
30,000 RPM - 40,000 RPM, 0.8 HP

The 525XSV delivers high torque at lower speeds. Double turbine power combines with lightweight, low vibration, low noise, greater accuracy and a high-quality finish. The constant high-speed enables you to work on hard to reach applications for fast removal or finishing.

The automatic brake option stops this tool in a few seconds.



General Specifications	525XSV	
Speed RPM	30,000	40,000
Power Rating hp (kW)	0.8 (0.6)	
Inlet Air Pressure	90 PSI (6.2 Bar)	
Air Consumption Idle cfm (l/s)	19 (8.97)	20 (9.44)
Air Consumption Working Flow cfm (l/s)	22 (10.38) - 30 (14.16)	
Sound Level	Less Than 67 dBA	
Max Shank Capacity	1/4" (6mm)	
Hand Tool Weight	15.5oz (0.44kg)	

Dont Sacrifice Comfort and Safety for Performance!

Revolutionary Air Turbine Tools® solve problems in hand operations. Reduce injury risk and repetitive stress on your hands and arm. These light weight tools eliminate limitations on working time for operations.

These tools will improve safety in compliance with ISO 2631 and directive 2002 .44/EC.

EAV = Time to reach Exposure Action Value.

ELV = Exposure Limit Value.



Working Time Specifications & Vibration Statistics					
Model	Time to reach EAV 2.5 m/s ² A(8)	Time to reach ELV 5 m/s ² A(8)	Vibration magnitude m/s ² r.m.s	Weight	Power
200SV	17 hours, 58 minutes	71 hours, 50 minutes	1.67	5.4 oz (0.15 kg)	0.20 hp (0.15 kW)
201	128 hours, 15 minutes	513 hours	0.62	6 oz (0.17 kg)	0.20 hp (0.15 kW)
0145	30 hours, 44 minutes	122 hours, 53 minutes	1.28	6 oz (0.17 kg)	0.20 hp (0.15 kW)
202	34 hours, 44 minutes	138 hours, 55 minutes	1.20	6 oz (0.17 kg)	0.55 hp (0.41 kW)
206X	24 hours, 28 minutes	97 hours, 51 minutes	1.43	8.2 oz (0.23 kg)	0.40 hp (0.30 kW)
2545	64 hours, 11 minutes	256 hours, 41 minutes	0.88	18 oz (0.50 kg)	0.45 hp (0.34 kW)
2590	23 hours, 32 minutes	94 hours, 6 minutes	1.46	14.5 oz (0.41 kg)	0.45 hp (0.34 kW)
525	23 hours, 32 minutes	94 hours, 6 minutes	1.46	15.5 oz (0.44 kg)	0.80 hp (0.60 kW)
525X	12 hours, 32 minutes	50 hours, 8 minutes	2.00	27.9 oz (0.79 kg)	0.80 hp (0.60 kW)
525XSV	345 hours, 40 minutes	1382 hours, 37 minutes	0.38	39.7 oz (1.12 kg)	0.88 hp (0.66 kW)
230DM	345 hours, 40 minutes	1382 hours, 37 minutes	0.38	41.4 oz (1.17 kg)	1.40 hp (1.04 kW)
310RX	345 hours, 40 minutes	1382 hours, 37 minutes	0.38	41.4 oz (1.17 kg)	1.40 hp (1.04 kW)



Multiple Options:

- 30 Tools available up to 1.4 HP.
- Patented automatic brake option available.
- Slide Valve SV or DM Trigger Switch Control



Simple Setup:

- Just connect dry, clean 90 psi / 6.2 bar compressed air.

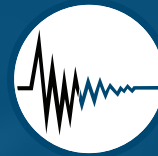
Direct Drive Motor:

- Low friction and no heat.
- No gears, no high frequency brushes, and no vanes to heat up or burn out.
- Long Service Life.

Why are Air Turbine Tools® different?



Constant High Cutting Speed enables work to be done with a light hand.



Low Vibration. No Limit on Work Time. Quiet - Under 67 dBA.



Great Reliability. Low Heat. No Hand Burns.



Powerful Light Weight Range. Reduced Stress and Carpel Tunnel Injury Risk.



Direct Drive Reliability. Only 2 Moving Parts. No Maintenance.



Governor Control for Constant High Torque. Maintains High Speed + Power under Load.



Faster Production. Longer Tool Life.



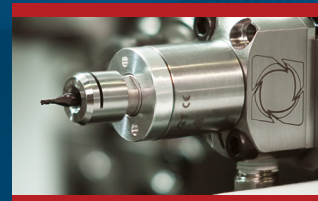
No Oil or Lubrication. Just Supply 90 psi / 6.2 bar air. No part or Shop Air Contamination.



Improved Surface Quality. Improved Accuracy.



ACCELERATE CNC CYCLE TIMES 6-10X.



DESIGNED FOR INTEGRATION.

Revolutionary High Speed Tools

Light & Powerful: 25,000 - 90,000 rpm to 1.40 hp



30+ YEARS OF PROVEN PATENTED INNOVATION.
AIR TURBINE TOOLS® ARE BUILT TO LAST.



Constant High Speed and Power:

- Patented governed turbine maintains constant high speed under load.
- Accelerate production and optimize cutting tool performance and life.
- Improve finish quality.



Precision, Safety and Comfort:

- The lowest vibration of any tool range.
- Design facilitates close proximity work.
- Reduce stress, HVAS, RSI, CTS.

Reliable:

- Only two moving parts (Turbine and Bearings).
- Air cooled grease packed bearings.
- No maintenance or lubrication.



Reduce Fatigue and Repetitive Stress Injury Risk



Ergonomically Safer - Maintenance Free - Reliable

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