

525DM - 1/4" / 6mm Straight Hand Tool Series



Revolutionary comfort and superior surface quality with high speed. Plenty of power for deburring, part cleaning, deflashing or weld removal.

Constant governed high speed does the cutting, not operator pressure. Eliminate heat, stress and injury risk and end daily maintenance costs. Just guide the **525DM** with its low vibration and weight.

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

Standard Equipment: Hand Tool, 1/4" or optional 6mm collet, collet wrenches, rear exhaust, exhaust deflector, trigger switch and 1/4" NPT air supply fitting. Oil free 90 psi / 6.2 bar, clean, dry air supply required.

Dimensions			
A	0.86" (21.84mm)	C	2.00" (50.80mm)
B	1.00" (25.40mm)	D	4.97" (126.24mm)
E	5.64" (143.26mm)	F	8.37" (212.60mm)

525DM Series			
1/4"		6mm	
Speed RPM	Part #	Speed RPM	Part #
30,000	32532	30,000	32533
40,000	32542	40,000	32543
1/4" w/brake		6mm w/brake	
Speed RPM	Part #	Speed RPM	Part #
30,000	32536	30,000	32537
40,000	32546	40,000	32547

Accessories	
Model	Part #
High Flow Filter	30004
High Flow Filter / Regulator	30003
High Flow Filter / Regulator / Extractor	30008
5' Air Supply Assembly w/Fitting for DM Models	30010
8' Air Supply Assembly w/Fitting for DM Models	30011

General Specifications	525DM
Speed RPM	30,000 / 40,000
Power Rating hp (kW)	0.40 (0.30) / 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)	11 (5.19) - 20 (9.27)
Sound Level	Less Than 67 dBA
Max Shank Capacity	1/4" (6mm)
Hand Tool Weight	19.5oz (0.55kg)

Vibration Statistics
Time to reach EAV 2.5 m/s ² A(8) 23 hours, 32 minutes
Time to reach ELV 5 m/s ² A(8) 94 hours, 6 minutes
Vibration magnitude m/s ² r.m.s 1.46

Tel: +1.561.994.0500 • Fax: +1.561.994.8097 • www.airturbine.com • info@airturbine.com

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 units use a minimum 10mm ID coupling/hose. Always use a 5 micron filter and/or extractor where required and check specified PSI or L/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.
© 2014 Air Turbine Technology, Inc. All rights reserved.