

DYNABRADE AIR TOOL SPECIFICATIONS

March, 2015

Dimensions: Inch x 25.4 = Millimeter

Air Pressure: 6.2 Bar x 14.5 = 90 Pounds per square inch (PSI)

AOR: Data available on request

Air Flow Rate:	Standard cubic feet per minute (SCFM) x 28.32 = liter per minute (LPM)
Watt:	Watt x .00134 = Horsepower (hp); hp x 745.7 = Watt
N/A or (-):	Does not apply, or data not available

Published vibration levels are in accordance with standards EN 12096, ISO 20643 and ISO 28927 series; published sound levels are in accordance with standard ISO 15744. Vibration and sound levels shown are the result of laboratory testing in conformity with these codes and standards, but are not sufficient for risk evaluation. Values measured in a specific workplace may differ from declared values. Actual exposure values and associated risk will be unique to each workplace and workstation. Potential risk to each individual depends on a variety of factors such as workstation design, surrounding environment, operator proficiency, material being worked and amount of exposure time. The employer is responsible for adhering to any applicable legal requirements regarding workplace health and safety and for evaluation of actual vibration and sound levels based on factors affecting the workplace environment. Dynabrade cannot be held responsible for the consequences of using the listed values for risk assessment, rather than actual values unique to each situation.

Model No.	Tool Description	Power (Watt)	Power (hp)	Flow rate at 90 PSI (SCFM)	Flow rate at 90 PSI (L/Min)	Free Speed at 90 PSI (RPM)	3 Axis Vector Sum (Current) Declared Vibration Emission Value In Accordance With EN 12096			Dominant Axis (Previous) Declared Vibration Emission Value In Accordance With EN 12096			ISO 15744 Uncertainty 3 dB		
							Vib. Tool (m/s ²)	Uncertainty (m/s ²)	Vibration Test Method	Vib. Tool (m/s ²)	Uncertainty (m/s ²)	Vibration Test Method	Sound Pressure (dBA)	Sound Power (W)	
10100	Dynabug® Orbital Sander	179	0.24	16	453	8,000	7.2	1.3	ISO 28927-3	<2.5	1.1	ISO 8662-8	77	88	
10101	Dynabug® Orbital Sander, Self-Generated Vacuum	179	0.24	16	453	8,000	9.8	4.3	ISO 28927-3	<2.5	1.2	ISO 8662-8	79	90	
10102	3-2 1/4" x 7" Central Vacuum Ready-Dynabug®	179	0.24	16	453	8,000	9.1	3.7	ISO 28927-3	<2.5	1.2	ISO 8662-8	79	88	
10127	1 1/4" Mini-Orbital Sander	298	0.40	21	595	15,000	6.1	1.0	ISO 28927-3	<2.5	0.9	ISO 8662-8	71	82	
10170	Dynabug® Sander with 3/32" Orbit (Non-Vac)	179	0.24	16	453	10,000	5.4	1.0	ISO 28927-3	<2.5	1.8	ISO 8662-8	77	88	
10171	Dynabug® Sander with 1/8" Orbit (Central Vac-Ready)	179	0.24	16	453	10,000	5.2	1.0	ISO 28927-3	<2.5	1.2	ISO 8662-8	77	88	
10207	1 1/4" Mini-Orbital Sander, 15,000 RPM	298	0.40	21	595	15,000	6.1	1.1	ISO 28927-3	<2.5	0.9	ISO 8662-8	82	93	
10280	Dynabug® II Orbital Finishing Sander	112	0.15	13	368	10,000	4.6	1.0	ISO 28927-3	<2.5	0.9	ISO 8662-8	77	88	
10282	Dynabug® II Orbital Finishing Sander Central Vac	112	0.15	13	368	10,000	4.6	1.0	ISO 28927-3	<2.5	0.9	ISO 8662-8	77	88	
10283	Dynabug® II Orbital Finishing Sander	112	0.15	13	368	10,000	5.4	1.1	ISO 28927-3	N/A	N/A	ISO 8662-8	77	88	
10285	Dynabug® II Orbital Finishing Sander Central Vac	112	0.15	13	368	10,000	3.2	0.8	ISO 28927-3	<2.5	0.8	ISO 8662-8	77	88	
10289	Wet Model™ 1" 6" w/Hook Pad	(-)	(-)	(-)	17	481	20,000	3.2	0.8	ISO 28927-3	<2.5	1.1	ISO 8662-8	76	87
10312	3-1/2" Mini-Dynorbital® Supreme ROS	336	0.45	23	651	12,000	3.8	1.0	ISO 28927-3	<2.5	1.2	ISO 8662-8	74	85	
10343	5 Wet Dynorbital® Supreme ROS	179	0.24	16	453	10,000	4.4	0.6	ISO 28927-3	<2.5	1.3	ISO 8662-8	74	85	
10345	6 Wet Dynorbital® Supreme ROS	179	0.24	16	453	10,000	10.5	1.5	ISO 28927-3	<2.5	1.3	ISO 8662-8	71	82	
10352	5 Wet Dynorbital® Supreme ROS	179	0.24	16	453	10,000	10.5	1.5	ISO 28927-3	<2.5	1.3	ISO 8662-8	71	82	
10354	6 Dia. 3/32" Orbit Wet Dynorbital® Supreme ROS	179	0.24	16	453	10,000	3.6	0.9	ISO 28927-3	<2.5	1.4	ISO 8662-8	71	82	
10360	1-1/4" Mini-Dynorbital® Sander, 5,000 RPM Palm-Style	37	0.05	6	170	6,000	4.5	1.0	ISO 28927-3	<2.5	2.9	ISO 8662-8	69	80	
10390	2 Buffer 2 3/8" RPM Palm-Style	186	0.25	18	510	2,400	4.6	1.0	ISO 28927-3	<2.5	0.7	ISO 8662-8	79	90	
10400	Dynaline Sander (Non-Vac)	186	0.25	18	510	2,400	4.6	1.0	ISO 28927-3	<2.5	0.7	ISO 8662-8	79	90	
10404	Dynaline Sander (Gen Vac-Ready)	186	0.25	18	510	2,400	4.6	1.0	ISO 28927-3	<2.5	0.7	ISO 8662-8	79	90	
10470	"Model T" Sheet Sander w/57998 Pad	(-)	(-)	(-)	5	127	20,000	3.1	0.8	ISO 28927-3	<2.5	1.1	ISO 8662-8	70	81
10472	"Model T" Sheet Sander w/57998 Pad	(-)	(-)	(-)	5	127	20,000	3.1	0.8	ISO 28927-3	<2.5	1.1	ISO 8662-8	70	81
10475	"Model T" Sheet Sander w/56248 Pad	(-)	(-)	(-)	5	127	20,000	3.1	0.8	ISO 28927-3	<2.5	1.1	ISO 8662-8	70	81
10477	"Model T" 5" Round w/56248 Pad	(-)	(-)	(-)	5	127	20,000	3.2	0.8	ISO 28927-3	<2.5	1.1	ISO 8662-8	70	81
10479	"Model T" Sheet Sander w/56244 Pad	(-)	(-)	(-)	5	127	20,000	3.1	0.8	ISO 28927-3	<2.5	1.1	ISO 8662-8	70	81
10481	"Model T" 6" Round Sander w/56288 Pad	(-)	(-)	(-)	5	127	20,000	3.2	0.8	ISO 28927-3	<2.5	1.1	ISO 8662-8	70	81
10483	"Model T" 6" Round Sander w/56288 Pad	(-)	(-)	(-)	5	127	20,000	3.2	1.4	ISO 28927-3	<2.5	1.1	ISO 8662-8	70	81
10485	"Model T" Sander w/Vinyl Pad Central Vac	(-)	(-)	(-)	5	127	20,000	4.0	0.9	ISO 28927-3	<2.5	1.1	ISO 8662-8	73	84
10487	"Model T" Sander w/Vinyl Pad Central Vac	(-)	(-)	(-)	5	127	20,000	4.0	0.9	ISO 28927-3	<2.5	1.1	ISO 8662-8	73	84
10540	11" File Board Sander	224	0.30	18	510	2,400	6.5	2.3	ISO 20643	3.8	1.9	S1051	77	88	
10710	6 Two-Hand Dynorbital® R.O. Sander 12,000 RPM, 3/16" Dia. Orbit (Non-Vac)	336	0.45	23	651	12,000	4.3	0.9	ISO 28927-3	<2.5	1.1	ISO 8662-8	84	95	
10712	6 Two-Hand Dynorbital® R.O. Sander 12,000 RPM, 3/16" Dia. Orbit (Vac-Ready)	336	0.45	23	651	12,000	4.3	0.9	ISO 28927-3	<2.5	1.1	ISO 8662-8	84	95	
10720	6 Two-Hand Dynorbital® R.O. Sander 12,000 RPM, 3/16" Dia. Orbit (Non-Vac)	336	0.45	23	651	12,000	5.5	1.8	ISO 28927-3	<2.5	1.9	ISO 8662-8	81	92	
10722	6 Two-Hand Dynorbital® R.O. Sander 12,000 RPM, 3/16" Dia. Orbit (Vac-Ready)	336	0.45	23	651	12,000	5.5	1.8	ISO 28927-3	<2.5	1.9	ISO 8662-8	81	92	
10724	6 Two-Hand Dynorbital® R.O. Sander 12,000 RPM, 3/16" Dia. Orbit (Central Vac)	336	0.45	23	651	12,000	6.1	1.3	ISO 28927-3	<2.5	1.9	ISO 8662-8	84	95	
10725	6 Two-Hand Dynorbital® R.O. Sander 10,000 RPM, 3/16" Dia. Orbit (Non-Vac)	336	0.45	23	651	10,000	15.5	2.9	ISO 28927-3	<2.5	2.3	ISO 8662-8	82	93	
10726	6 Two-Hand Dynorbital® R.O. Sander 10,000 RPM, 3/16" Dia. Orbit (Vac-Ready)	336	0.45	23	651	10,000	15.5	2.9	ISO 28927-3	<2.5	2.3	ISO 8662-8	82	93	
10729	6 Two-Hand Dynorbital® R.O. Sander 10,000 RPM, 3/16" Dia. Orbit (Central Vac)	336	0.45	23	651	10,000	9.6	1.5	ISO 28927-3	<2.5	5.8	2.3	ISO 8662-8	85	96
10730	6 Two-Hand Dynorbital® R.O. Sander 12,000 RPM, 3/8" Dia. Orbit (Non-Vac)	336	0.45	23	651	12,000	8.5	1.7	ISO 28927-3	<2.5	1.3	ISO 8662-8	82	93	
10731	6 Two-Hand Dynorbital® R.O. Sander 12,000 RPM, 3/8" Dia. Orbit (Vac-Ready)	336	0.45	23	651	12,000	9.9	1.5	ISO 28927-3	<2.5	1.0	ISO 8662-8	82	93	
10733	6 Two-Hand Dynorbital® R.O. Sander 12,000 RPM, 3/8" Dia. Orbit (Non-Vac)	336	0.45	23	651	12,000	10.5	3.0	ISO 28927-3	<2.5	3.6	1.8	ISO 8662-8	81	92
10734	6 Two-Hand Dynorbital® R.O. Sander 12,000 RPM, 3/8" Dia. Orbit (Vac-Ready)	336	0.45	23	651	12,000	10.5	3.0	ISO 28927-3	<2.5	3.6	1.8	ISO 8662-8	81	92
10735	6 Two-Hand Dynorbital® R.O. Sander 12,000 RPM, 3/8" Dia. Orbit (Central Vac)	336	0.45	23	651	12,000	10.5	3.7	ISO 28927-3	<2.5	3.6	1.8	ISO 8662-8	84	95
10745	Dynabuffer w/Hanger Bracket (14 mm Orbit)	224	0.30	20	566	10,000	7.1	3.2	ISO 28927-3	<2.5	1.1	ISO 8662-8	78	89	
10746	6 Wet Dynabuffer w/Hanger Bracket	224	0.30	20	566	10,000	7.1	3.2	ISO 28927-3	<2.5	1.1	ISO 8662-8	78	89	
10750	5 Non-Vac Dynalock® Random Dual Action Sander	336	0.45	23	651	12,000	3.0	0.8	ISO 28927-3	<2.5	1.2	ISO 8662-8	82	93	
10751	5 Non-Vac Dynalock® Random Dual Action Sander	336	0.45	23	651	12,000	<2.5	0.7	ISO 28927-3	<2.5	1.0	ISO 8662-8	82	93	
10752	5 Self-Generated Vac-Ready Dynalock® Random Dual Action Sander	336	0.45	23	651	12,000	<2.5	1.1	ISO 28927-3	<2.5	1.0	ISO 8662-8	82	93	
10753	5 Non-Vac Dynalock® Random Dual Action Sander	336	0.45	23	651	12,000	<2.5	0.9	ISO 28927-3	<2.5	1.3	ISO 8662-8	86	97	
10754	5 Non-Vac Dynalock® Random Dual Action Sander	336	0.45	23	651	12,000	<2.5	0.7	ISO 28927-3	<2.5	1.3	ISO 8662-8	86	97	
10756	6 Self-Generated Vac-Ready Dynalock® Random Dual Action Sander	336	0.45	23	651	12,000	5.8	1.1	ISO 28927-3	<2.5	1.9	ISO 8662-8	85	96	
10757	6 Self-Generated Vac-Ready Dynalock® Random Dual Action Sander	336	0.45	23	651	12,000	5.8	1.1	ISO 28927-3	<2.5	1.9	ISO 8662-8	85	96	
10760	6 Two-Hand Gear-Driven Sander 900 RPM (Non-Vac)	336	0.45	23	651	900	19.0	5.4	ISO 28927-3	<2.5	2.3	ISO 8662-8	85	96	
10761	6 Two-Hand Gear-Driven Sander 900 RPM w/5772 Pad (Central Vac-Ready)	336	0.45	23	651	900	7.6	1.3	ISO 28927-3	<2.5	4.6	2.3	ISO 8662-8	83	94
10763	6 Two-Hand Gear-Driven Sander 900 RPM (Non-Vac)	336	0.45	23	651	900	12.0	2.8	ISO 28927-3	<2.5	5.8	2.3	ISO 8662-8	81	92
10764	6 Two-Hand Gear-Driven Sander 900 RPM (Central Vac-Ready)	336	0.45	23	651	900	12.0	2.8	ISO 28927-3	<2.5	5.8	2.3	ISO 8662-8	81	92
10770	3 Dynalock® 12,000 RPM (Non-Vac) (Rotary)	336	0.45	23	651	12,000	3.0	1.6	ISO 28927-3	<2.5	0.6	ISO 8662-8	81	92	
10771	3 Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Rotary)	336	0.45	23	651	12,000	3.0	1.6	ISO 28927-3	<2.5	0.6	ISO 8662-8	81	92	
10772	3 Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Random)	336	0.45	23	651	12,000	<2.5	0.6	ISO 28927-3	<2.5	0.6	ISO 8662-8	81	92	
10773	3 Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Rotary)	336	0.45	23	651	12,000	3.0	1.6	ISO 28927-3	<2.5	0.6	ISO 8662-8	81	92	
10774	3 Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Random)	336	0.45	23	651	12,000	<2.5	0.6	ISO 28927-3	<2.5	0.6	ISO 8662-8	81	92	
10775	3 Dynalock® 12,000 RPM (Non-Vac) (Rotary)	336	0.45	23	651	12,000	7.7	1.8	ISO 28927-3	<2.5	0.8	ISO 8662-8	80	91	
10780	3-1/2" Dynalock® 12,000 RPM (Non-Vac) (Random)	336	0.45	23	651	12,000	8.2	1.3	ISO 28927-3	<2.5	1.1	ISO 8662-8	80	91	
10781	3-1/2" Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Rotary)	336	0.45	23	651	12,000	<2.5	1.1	ISO 28927-3	<2.5	1.1	ISO 8662-8	80	91	
10782	3-1/2" Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Random)	336	0.45	23	651	12,000	8.2	1.5	ISO 28927-3	<2.5	1.1	ISO 8662-8	80	91	
10800	Dynafin® Detail Sander	298	0.40	23	651	13,000	<2.5	0.7	ISO 28927-3	<2.5	1.1	ISO 8662-8	76	87	
10801	Dynafin® Finger Sander	298	0.40	23	651	13,000	<2.5	0.7	ISO 28927-3	<2.5	1.1	ISO 8662-8	76	87	
10823	Dynafin® Reciprocating Tool, 3 mm Collet	(-)	(-)	(-)	1	28	14,000 SPM	6.0	1.1	ISO 20643	8.0	3.2	ISO 8662-12	76	87
10824	Dynafin® Reciprocating Tool, 1.6 Collet	(-)	(-)	(-)	1	28	14,000 SPM	6.0	1.1	ISO 20643	8.0	3.2	ISO 8662-12	76	87
11475	Dynabiter® Abrasive Belt Machine (Standard)	822	0.70	30	850	18,000	<2.5	0.6	ISO 20643	2.5	1.3	S1049	91	102	
11476	Dynabiter® Abrasive Belt Machine (Heavy-Duty)	955	1.20	58	1643	13,000	<2.5	0.5	ISO 20643	<2.5	0.4	S1049	96	97	
11477	Dynabiter® Abrasive Belt Machine (Heavy-Duty)	955	1.												

