

# DYNABRADE AIR TOOL SPECIFICATIONS

JULY 2016



<b>Dimensions</b>	1/2" x 25.4 = Millimeter
<b>Air Pressure</b>	6.2 Bar x 14.5 = 90 Pounds per square inch (PSI)
<b>ADR</b>	Data available on request

<b>Air Flow Rate</b>	Standard cubic feet per minute (SCFM) x 28.32 = Liter per minute (LPM)
<b>Watt</b>	Watt x .00134 = Horsepower (hp); hp x 745.7 = Watt
<b>N/A or (-)</b>	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 level 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)	Vib. Tool EN12096 (m/sec <sup>2</sup> )	Uncertainty EN12096 (%)	Vibration Test Method	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	
										Vib. Tool EN 12096 (m/sec <sup>2</sup> )	Uncertainty EN12096 (%)	Vibration Test Method	Vib. Tool EN 12096 (m/sec <sup>2</sup> )	Uncertainty EN12096 (%)	Vibration Test Method	Sound Pressure (dBA)	Sound Power (R 1m Hemi on cyl. pedestal) (dBA)
10127	3 Dynabuffer	119	0.16	20	566	10,000	<2.5	.88	ISO 28927-3	3.3	1.7	ISO-8662-8	71	82			
10170	Dynabrag® 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	Dynabrag® Sander with 3/32" Orbit (Central Vac-Ready)	179	0.24	16	453	10,000	5.4	1.0	ISO 28927-3	<2.5	1.8	ISO-8662-8	77	88			
10207	1-1/4" Mini-Orbital Sander 15,000 RPM	298	0.40	21	595	15,000	4.1	1.1	ISO 28927-3	<2.5	0.9	ISO-8662-8	79	90			
10271	Dynabrag II 1/2" Orbit RPM Non Vacuum	82	0.11	12	340	8,000	7.62	2.5	ISO 28927-3	N/A	N/A	N/A	75	86			
10278	2 Dynabrag II central vac	82	0.11	12	340	8,000	13.1	1.8	ISO 28927-3	N/A	N/A	N/A	77	88			
10279	Dynabrag II Orbital Vacuum Sander Central Vac	82	0.11	12	340	10,000	3.8	0.9	ISO 28927-3	N/A	N/A	N/A	80	91			
10281	Dynabrag II Orbital Finishing Sander Central Vac	82	0.11	12	340	10,000	3.8	0.9	ISO 28927-3	N/A	N/A	N/A	77	88			
10282	Dynabrag II Orbital Finishing Sander Central Vac	82	0.11	12	340	10,000	3.8	0.9	ISO 28927-3	N/A	N/A	N/A	77	88			
10283	Dynabrag II Orbital Finishing Sander Central Vac	82	0.11	12	340	10,000	3.8	0.9	ISO 28927-3	N/A	N/A	N/A	77	88			
10285	Dynabrag II Orbital Finishing Sander Central Vac	82	0.11	12	340	10,000	3.3	0.8	ISO 28927-3	<2.5	1.5	ISO-8662-8	77	88			
10288	Wet Model™ T 5" w/lock Pad	(-)	(-)	(-)	481	20,000	3.2	0.8	ISO 28927-3	<2.5	1.5	ISO-8662-8	76	87			
10289	Wet Model™ T 5" w/lock Pad	(-)	(-)	(-)	481	20,000	3.2	0.8	ISO 28927-3	<2.5	1.5	ISO-8662-8	76	87			
10290	Dynabrag II Delta Style 3/32" Orbit 10K RPM Central vacuum	82	0.11	12	340	10,000	3.14	1.5	ISO 28927-3	N/A	N/A	N/A	77	88			
10292	Dynabrag II 3/32" Orbit 10K RPM Central vacuum	82	0.11	12	340	10,000	3.14	1.5	ISO 28927-3	N/A	N/A	N/A	77	88			
10341	3-1/2" Wet Dynabral® Supreme ROS	(-)	(-)	(-)	481	20,000	3.8	1.0	ISO 28927-3	<2.5	0.6	ISO-8662-8	73	84			
10343	5" Wet Dynabral® Supreme ROS	(-)	(-)	(-)	481	20,000	3.8	1.0	ISO 28927-3	<2.5	0.6	ISO-8662-8	73	84			
10345	4" Central Vacuum 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			
10353	5" Dia. 3/32" Orbit Wet Dynabral® Supreme	179	0.24	16	453	10,000	3.5	1.0	ISO 28927-3	<2.5	1.4	ISO-8662-8	74	85			
10357	5" Dia. 3/32" Orbit Wet Dynabral® Supreme	179	0.24	16	453	10,000	3.5	1.0	ISO 28927-3	<2.5	1.4	ISO-8662-8	74	85			
10360	1-1/4" Mini-Dynabrag® Sander 5,000 RPM Palm-Style	27	0.05	6	170	4,000	4.5	1.0	ISO 28927-3	<2.5	0.4	ISO-8662-8	69	80			
10390	3 Buffer 2.400 RPM Palm-Style	186	0.25	18	510	2,400	2.5	0.7	ISO 28927-3	<2.5	0.9	ISO-8662-8	76	87			
10392	Dynabrag® II (Non-Vac)	186	0.25	18	510	2,400	2.5	0.7	ISO 28927-3	<2.5	0.9	ISO-8662-8	76	87			
10434	Dynalene Sander (Non Vac-Ready)	186	0.25	18	510	2,400	3.2	0.8	ISO 28927-3	<2.5	1.3	ISO-8662-8	80	91			
10439	Model T Sheet Sander w/5799 Pad	(-)	(-)	(-)	127	20,000	5.1	1.0	ISO 28927-3	<2.5	1.1	ISO-8662-8	70	81			
10472	Model T Sheet Sander w/5799 Pad	(-)	(-)	(-)	127	20,000	5.1	1.0	ISO 28927-3	<2.5	1.1	ISO-8662-8	70	81			
10475	Model T 5" Round w/5424 Pad	(-)	(-)	(-)	127	20,000	3.0	0.8	ISO 28927-3	<2.5	1.1	ISO-8662-8	70	81			
10477	Model T 5" Round w/5424 Pad	(-)	(-)	(-)	127	20,000	3.0	0.8	ISO 28927-3	<2.5	1.1	ISO-8662-8	70	81			
10479	Model T Sheet Sander w/5424 Pad	(-)	(-)	(-)	127	20,000	3.1	0.8	ISO 28927-3	<2.5	1.1	ISO-8662-8	70	81			
10481	Model T 5" Round Sander w/5429 Pad	(-)	(-)	(-)	127	20,000	2.7	0.8	ISO 28927-3	<2.5	1.1	ISO-8662-8	70	81			
10482	Model T 5" Round Sander w/5429 Pad	(-)	(-)	(-)	127	20,000	2.7	0.8	ISO 28927-3	<2.5	1.1	ISO-8662-8	70	81			
10485	Model T Sander w/Mini Pad Central Vac	(-)	(-)	(-)	127	20,000	4.0	1.4	ISO 28927-3	<2.5	1.1	ISO-8662-8	73	84			
10487	Model T Sander w/lock Pad Central Vac	(-)	(-)	(-)	127	20,000	4.0	1.4	ISO 28927-3	<2.5	1.1	ISO-8662-8	73	84			
10540	11" Flat Board Sander	224	0.30	18	510	2,400	5.5	2.3	ISO 28643	2.8	1.9	S1049	77	88			
10548	5 Two-Hand Dynabral® R.O. Sander 12,000 RPM 3/16" Dia. Orbit (Non-Vac)	336	0.45	23	651	12,000	4.1	0.9	ISO 28927-3	<2.5	1.1	ISO-8662-8	82	93			
10549	5 Two-Hand Dynabral® R.O. Sander 12,000 RPM 3/16" Dia. Orbit (Vac-Ready)	336	0.45	23	651	12,000	4.1	0.9	ISO 28927-3	<2.5	1.1	ISO-8662-8	82	93			
10720	6 Two-Hand Dynabral® 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			
10721	6 Two-Hand Dynabral® 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 Dynabral® R.O. Sander 12,000 RPM 3/16" Dia. Orbit (Non-Vac)	336	0.45	23	651	12,000	8.1	1.3	ISO 28927-3	<2.5	1.7	ISO-8662-8	84	95			
10725	6 Two-Hand Dynabral® R.O. Sander 12,000 RPM 3/16" Dia. Orbit (Vac-Ready)	336	0.45	23	651	12,000	8.1	1.3	ISO 28927-3	<2.5	1.7	ISO-8662-8	84	95			
10727	6 Two-Hand Dynabral® R.O. Sander 10,000 RPM 3/16" Dia. Orbit (Non-Vac)	336	0.45	23	651	10,000	15.5	2.7	ISO 28927-3	5.8	2.3	ISO-8662-8	82	93			
10728	6 Two-Hand Dynabral® R.O. Sander 10,000 RPM 3/16" Dia. Orbit (Vac-Ready)	336	0.45	23	651	10,000	15.5	2.7	ISO 28927-3	5.8	2.3	ISO-8662-8	82	93			
10730	5 Two-Hand Dynabral® R.O. Sander 12,000 RPM 3/8" Dia. Orbit (Non-Vac)	336	0.45	23	651	12,000	8.1	1.3	ISO 28927-3	1.0	1.5	ISO-8662-8	82	93			
10731	5 Two-Hand Dynabral® R.O. Sander 12,000 RPM 3/8" Dia. Orbit (Vac-Ready)	336	0.45	23	651	12,000	8.1	1.3	ISO 28927-3	1.0	1.5	ISO-8662-8	82	93			
10733	6 Two-Hand Dynabral® R.O. Sander 12,000 RPM 3/8" Dia. Orbit (Non-Vac)	336	0.45	23	651	12,000	10.5	2.0	ISO 28927-3	3.6	1.8	ISO-8662-8	81	92			
10734	6 Two-Hand Dynabral® R.O. Sander 12,000 RPM 3/8" Dia. Orbit (Vac-Ready)	336	0.45	23	651	12,000	10.5	2.0	ISO 28927-3	3.6	1.8	ISO-8662-8	81	92			
10735	6 Two-Hand Dynabral® R.O. Sander 12,000 RPM 3/8" Dia. Orbit (Non-Vac)	336	0.45	23	651	12,000	10.5	2.0	ISO 28927-3	3.6	1.8	ISO-8662-8	81	92			
10736	6 Two-Hand Dynabral® R.O. Sander 12,000 RPM 3/8" Dia. Orbit (Vac-Ready)	336	0.45	23	651	12,000	10.5	2.0	ISO 28927-3	3.6	1.8	ISO-8662-8	81	92			
10745	5 Dynabuffer w/Hanger Bracket (1/4 mm Orbit)	224	0.30	23	651	10,000	7.1	3.2	ISO 28927-3	<2.5	1.1	ISO-8662-8	81	92			
10746	5 Dynabuffer w/Hanger Bracket (1/4 mm Orbit)	224	0.30	23	651	10,000	7.1	3.2	ISO 28927-3	<2.5	1.1	ISO-8662-8	81	92			
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	3.0	0.8	ISO 28927-3	<2.5	1.2	ISO-8662-8	82	93			
10752	5 Self-Generated Vac-Ready Dynalock® Rotary Dual Action Sander	336	0.45	23	651	12,000	2.3	0.8	ISO 28927-3	<2.5	1.0	ISO-8662-8	82	93			
10753	5 Self-Generated Vac-Ready Dynalock® Rotary Dual Action Sander	336	0.45	23	651	12,000	2.3	0.8	ISO 28927-3	<2.5	1.0	ISO-8662-8	82	93			
10754	5 Non-Vac 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			
10755	5 Non-Vac 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			
10756	6 Self-Generated Vac-Ready Dynalock® Random Dual Action Sander	336	0.45	23	651	12,000	5.0	1.1	ISO 28927-3	2.7	1.9	ISO-8662-8	85	96			
10757	6 Self-Generated Vac-Ready Dynalock® Rotary Dual Action Sander	336	0.45	23	651	12,000	2.5	0.7	ISO 28927-3	<2.5	1.1	ISO-8662-8	85	96			
10760	6 Two-Hand Gear-Driven Sander 900 RPM (Non-Vac)	336	0.45	23	651	900	15.0	5.4	ISO 28927-3	4.7	2.3	ISO-8662-8	85	96			
10761	6 Two-Hand Gear-Driven Sander 900 RPM (Non-Vac)	336	0.45	23	651	900	15.0	5.4	ISO 28927-3	4.7	2.3	ISO-8662-8	85	96			
10764	8 Two-Hand Gear-Driven Sander 900 RPM (Non-Vac)	336	0.45	23	651	900	15.0	5.4	ISO 28927-3	5.8	2.3	ISO-8662-8	85	96			
10765	8 Two-Hand Gear-Driven Sander 900 RPM (Non-Vac)	336	0.45	23	651	900	15.0	5.4	ISO 28927-3	5.8	2.3	ISO-8662-8	85	96			
10763	8 Two-Hand Gear-Driven Sander 900 RPM (Central Vac-Ready)	336	0.45	23	651	900	15.0	5.4	ISO 28927-3	5.8	2.3	ISO-8662-8	85	96			
10764	8 Two-Hand Gear-Driven Sander 900 RPM (Central Vac-Ready)	336	0.45	23	651	900	15.0	5.4	ISO 28927-3	5.8	2.3	ISO-8662-8	85	96			
10766	3 Dynalock® 12,000 RPM (Non-Vac)	336	0.45	23	651	12,000	3.0	0.8	ISO 28927-3	<2.5	1.1	ISO-8662-8	81	92			
10770	3 Dynalock® 12,000 RPM (Non-Vac)	336	0.45	23	651	12,000	2.5	0.6	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	2.5	0.6	ISO 28927-3	<2.5	0.6	ISO-8662-8	81	92			
10772	3 Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Rotary)	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	2.5	0.6	ISO 28927-3	<2.5	0.6	ISO-8662-8	81	92			
10774	3 Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Rotary)	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 (Self-Gen Vac-Ready) (Rotary)	336	0.45	23	651	12,000	2.5	0.6	ISO 28927-3	<2.5	0.6	ISO-8662-8	81	92			
10776	3 Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Rotary)	336	0.45	23	651	12,000	2.5	0.6	ISO 28927-3	<2.5	0.6	ISO-8662-8	81	92			
10777	3 Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Rotary)	336	0.45	23	651	12,000	2.5	0.6	ISO 28927-3	<2.5	0.6	ISO-8662-8	81	92			
10778	3 Dynalock® 12,000 RPM (Self-Gen Vac-Ready) (Rotary)	336	0.45	23	65												



