



TOOLS AND PROCESS SOLUTIONS FOR THE WIND ENERGY INDUSTRY

MOLDS

TOWERS

TURBINE BLADES

NACELLES

WE LISTEN. WE OBSERVE. WE OPTIMIZE.

WE OPTIMIZE IN EVERYTHING WE DO



ESD TOOL

TO PREVENT THE OPERATOR FROM
ELECTROSTATIC DISCHARGE

BACKING PAD

WEIGHT-MATED, SINGLE PIECE HUB DESIGN
- MULTI HOLES CONFIGURATIONS

DUAL GRIP TOOL

TO OPTIMIZE ERGONOMY
FOR THE OPERATOR

SAFETY COUPLER

COMPRESSED AIR SAFETY COUPLING
THAT VENTS BEFORE DISCONNECTION

SPARK RESISTANT AIR HOSE ASSEMBLY

TO OPTIMIZE AIR FLOW AND TO INCREASE
TOOL EFFICIENCY

ABRASIVE

DIFFERENT BACKING TYPES,
SIZES AND HOLE CONFIGURATIONS

DUST COLLECTION

VACUUM TOOL TO COLLECT DUST AND
TO IMPROVE CLEAN AIR ENVIRONMENT

OUR SOLUTIONS ARE FITTED FOR

MOLDING

CHALLENGE: Prepare the mold, and trim excess material after molding.

DYNABRADE SOLUTIONS: Disc Sanders, Grinders, Cutting tools.



PRE-PAINT PROCESSING

CHALLENGE: Putty removal.

DYNABRADE SOLUTIONS: Random Orbital Sanders (incl. ESD Sanders), 2-Hand Sanders, Portable vacuum.



POST-PAINT

CHALLENGE: Remove surface irregularities.

DYNABRADE SOLUTIONS: Random Orbital Sanders (incl. ESD Sanders), 2-Hand Sanders, Portable vacuum.



POST-MOLDING PROCESSING

CHALLENGE: Remove imperfections from the molding process.

DYNABRADE SOLUTIONS: Random Orbital Sanders (incl. ESD Sanders), Disc Sanders, Gear Driven Sanders, Drills, Cutting tools.

DYNABRADE HIGH QUALITY TOOLS AND SYSTEMS FOR HEALTH, SAFETY & COST SAVINGS.

Each tool is an extension of the person doing the work.

Over the last five decades we've expanded our product line and are now offering thousands of high-quality industrial products and process solutions.

Whether through ergonomics (reduced vibration and noise, insulation and optimized dust suction), minimalistic design or a commitment to safety, we take pride in the things you may not see but can certainly feel.

Being a craft manufacturer means we make all of our tools with a heightened sense of purpose, reliability, and performance.

Preventing electrostatic discharge (ESD)

Each Dynabrade ESD tool is equipped with a copper ground wire. Properly connected to the ground, it dissipates the electrostatic away from the operator and keeps him away from potential injuries.

Improving clean air with industrial vacuum tools and systems

Dynabrade Clean Air Solutions initiative consist of Industrial vacuums (including certified cat. 3 & 2), downdraft tables, tools (more than 150) and accessories that are designed to effectively and safely capture dust created throughout the course of manufacturing processes.

COMBINE THE DYNABRADE PROCESS SOLUTIONS AND IMPROVE YOUR COST SAVINGS!

WE ARE THE FIRST CHOICE FOR ABRASIVE POWER TOOLS AND PROCESS SOLUTIONS.

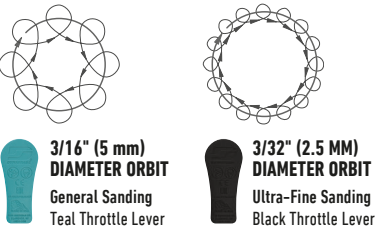


RANDOM ORBITAL SANDER SERIES

DYNORBITAL® EXTREME

The **Dynorbital® Extreme** tools boast the greatest power and most consistent speed of any palm-style orbital sander.

- FEATURES:
- Recessed throttle lever
 - Integrated comfort platform
 - Comfort grip
 - Lip Seal Shroud
 - Weight-Mated Backing Pad
 - Integrated Swivel Cuff
 - Increased Vacuum Port Size
- BENEFITS:
- Eliminates pressure point on palm
 - Provides enhanced ergonomic comfort
 - Tactile, Ambidextrous design
 - Allows excellent vacuum performance
 - For reduced vibration and consistent finishes
 - Secure, manoeuvrable vacuum connection for better vacuum capture rate



	P/N	Diameter	Pad Type	Orbit Dia.	Vacuum Type	RPM	Power	
STANDARD MODELS	X31V	3" (75 mm)	Hook-Face	3/16" (5 mm)	Vacuum	12.000	.1 hp (75 W)	
	X32V			3/32" (2.5 mm)				
	X61V	6" (150 mm)		3/16" (5 mm)			0.3 hp (224 W)	
	X62V			3/32" (2.5 mm)				
SPEED CONTROL MODELS	X61VHS			3/16" (5 mm)				
	X62VHS			3/32" (2.5 mm)				
ESD MODELS	X61ESD			3/16" (5 mm)				3/32" (2.5 mm)
	X61ESD1							
	X62ESD							
	X62ESD1							

RELATED PRODUCTS

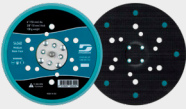
SANDING PADS

DYNAMAZE
6" (150 MM) DIA.



22290
UNIVERSAL
VACUUM

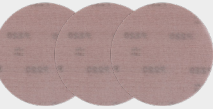
EXTREME
6" (150 MM) DIA.



54340
MULTI-HOLES
VACUUM

COATED ABRASIVES DISCS

DYNAMESH
3" (75 MM) & 6" (150 MM) DIA.



AIR LINE CONNECTORS

DYNASWIVEL®
COMPOSITE / ALUMINUM & STAINLESS STEEL



94300 1/4"
COMPOSITE
DYNASWIVEL



95460 1/4"
ALUMINUM
DYNASWIVEL



STANDARD MODELS



X31V



X62V

SPEED CONTROL MODEL



X62VHS

ESD MODEL



X62ESD

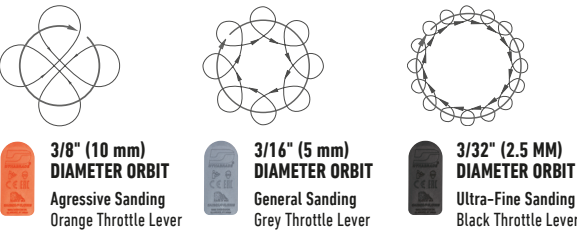


RANDOM ORBITAL SANDER SERIES

DYNORBITAL® SPIRIT® & SUPREME

Dynorbital-Spirit® tools are ideal for light-to-medium duty applications.

Dynorbital-Supreme® tools are powerful and ideal for heavy-duty applications when operating on work surface, tools maintain highest RPM in the industry !



	P/N	Diameter	Pad Type	Orbit Dia.	Vacuum Type	RPM	Power
DYNORBITAL-SPIRIT®	59114	3" (75 mm)	Hook-Face	3/32" (2.5 mm)	Vacuum	12.000	.25 hp (186 W)
	59109			3/16" (5 mm)			
	59104			3/8" (10 mm)			
	59034	3/32" (2.5 mm)					
	59019	3/16" (5 mm)					
	59004	3/8" (10 mm)					
	59044	3/32" (2.5 mm)					
	59029	6" (150 mm)		3/16" (5 mm)			
	59014			3/8" (10 mm)			
DYNORBITAL® SUPREME®	56844	3-1/2" (90 mm)		3/32" (2.5 mm)		.28 hp (209 W)	
	56804			3/16" (5 mm)			
	56874			3/8" (10 mm)			
	56863	3/32" (2.5 mm)					
	56830	6" (150 mm)		3/16" (5 mm)			
	56894			3/8" (10 mm)			



59114



59019



56874



56863

RANDOM ORBITAL SANDER SERIES

TWO-HAND DYNORBITAL®

	P/N	Diameter	Pad Type	Orbit Dia.	Vacuum Type	RPM	Power
TWO-HAND DYNORBITAL®	58409	6" (150 mm)	Hook-Face	3/16" (5 mm)	Vacuum	12.000	0.45 hp (335 W)
	58420			3/8" (10 mm)		10.000	
	58414	8" (200 mm)		3/16" (5 mm)			



58409

RANDOM ORBITAL SANDER SERIES

DYNAFINE

	P/N	Note	Pad Type	Orbit Dia.	Vacuum Type	RPM	Power
DYNAFINE	58017	Includes Conductive Hose & Cuffs (ESD)	Hook-Face	1/32" (0.8 mm)	Vacuum	15.000	.12 hp (89 W)



58017

RANDOM ORBITAL SANDER SERIES

DYNABUG II

	P/N	Pad Dia.	Pad Type	Orbit Dia.	Vacuum Type	RPM	Power
DYNABUG II	58502	3" x 4-1/4" (75 mm x 110 mm)	Hook-Face	1/32" (0.8 mm)	Vacuum	10.000	.15 hp (112 W)



58502

RANDOM ORBITAL SANDER SERIES

DUAL-GRIP ESD

Dynabrade Dual-Grip ESD Sanders are designed to protect the operator against Electrostatic Discharge with a built in grounding copper wire and 1 MegaOhm resistor.



	P/N	Diameter	Pad Type	Orbit Dia.	Vacuum Type	RPM	Power
DUAL-GRIP ESD	58600	6" (150 mm)	Hook-Face	3/16" (5 mm)	Vacuum	10.000	0.25 hp (186 W)
	58601	6" (150 mm) - No Inlet Ground					0.4 hp (298 W)
	58602	6" (150 mm)		3/8" (10 mm)		12.000	0.4 hp (298 W)
	58603						
	58611 - with Shroud			3/16" (5 mm)			
	58651 - with 3 m Hose & Shroud						
	58652	6" (150 mm) with 3 m Hose		3/16" (5 mm)			



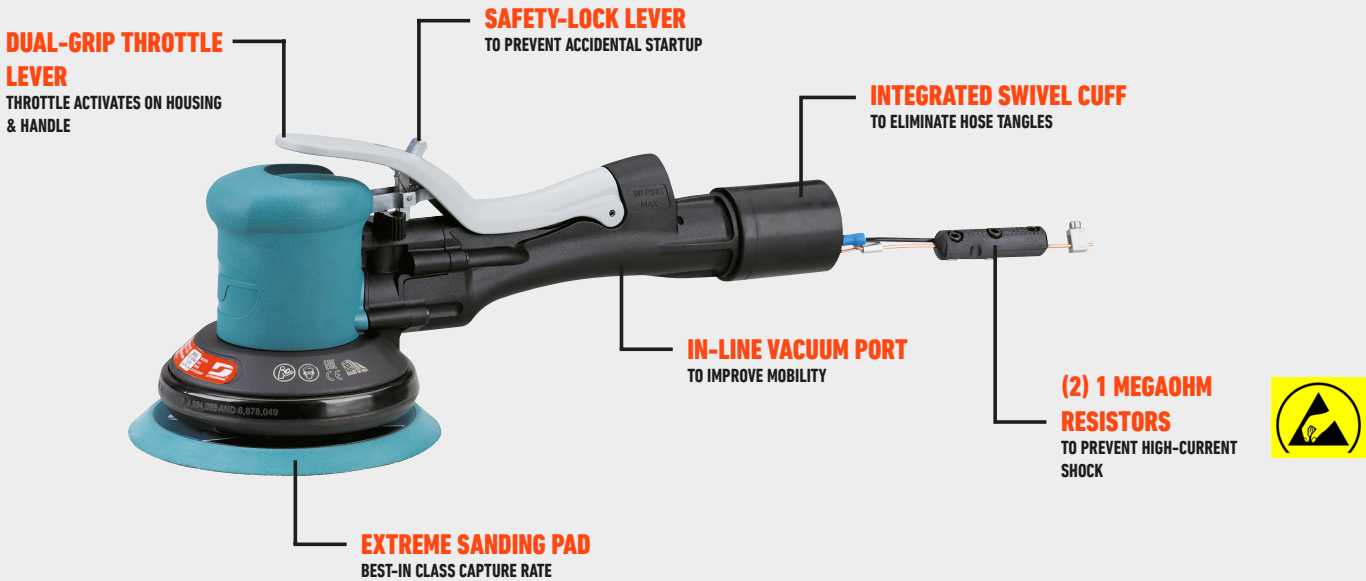
PRODUCT SPOTLIGHT

DUAL-GRIP, RANDOM ORBITAL SANDER

Blending & Finishing

58602 6" (152 mm) Dia. Central Vacuum Dual-Grip Random Orbital Sander for ESD

- Designed for large, high volume sanding applications.
- Dual grip locking throttle lever for better control and safety, activates on housing and handle.
- Designed to protect the operator against Electrostatic Discharge with a built in grounding copper wire and 1 MegaOhm resistor.
- Through the handle vacuum improves mobility and material capture.



DISC SANDERS

RIGHT-ANGLE DISC SANDERS

	P/N	Info	Diameter	Vacuum Type	RPM	Power
RIGHT ANGLE DISC SANDER	50211	Trimmer Shroud	3" (75mm)	Vacuum	15.000	.4 hp (298 W)
	50561	Standard Shroud				
	51230	Vacuum Shroud	2" (50 mm)		12.000	
	51231				15.000	
	51232				20.000	
	51236				25.000	
	52596		5" (125 mm)		12.000	1.3 hp (970 W)
	52597	Includes Conductive Hose & Cuffs (ESD)	7" (180 mm)		6.000	
	53279	With Autobalancer			6.500	

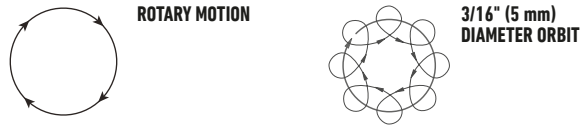


DISC SANDER / RANDOM ORBITAL SANDER

DYNALOCKE®

Dual-Action Sander, Combination of Rotary and Random Orbital Sanders.

	P/N	Diameter	Power	RPM
DYNALOCKE®	58461	3" (75 mm)	.45 hp (336 W)	12.000
	58466	3-1/2" (90 mm)		
	58431	5" (125 mm)		
	58436	6" (150 mm)		



GEAR DRIVEN SANDERS

TWO-HAND GEAR-DRIVEN SANDER

	P/N	Diameter	Pad Type	Vacuum Type	RPM	Power
TWO-HAND GEAR-DRIVEN SANDER	58041	11" (280 mm)	Hook-Face	Vacuum	900	.45 hp (336 W)
	58443	6" (150 mm)				
	58444					
	58446	8" (200 mm)				0.4 hp (298 W)
	58660*					
	58661*					

*ESD models.



BUFFING TOOLS

RIGHT ANGLE TWO-HAND ROTARY BUFFER

	P/N	Info	Thread	Vacuum Type	RPM	Power
RIGHT ANGLE TWO-HAND ROTARY BUFFER	51470	6" - 8" (150 - 200 mm)	5/8" - 11 Male Thread	Vacuum	2.000	.7 hp (522 W)
	51472				3.100	
	51600		M14 Male Thread		2.000	
	51601				3.100	



ABRASIVE BELT TOOLS

DYNAFILE®

DYNAFILE® II

DYNAFILE® III

The best tracking abrasive belt tools in the world.



P/N	Power	RPM	Abrasive Belt Size	Weight	Height	Length	
40352	.4 hp (298 W)	25.000	1/8"-3/4" W x 18" L (3-19 mm x 457 mm)	1.9 lb (.86 kg)	4-1/8" (105 mm)	14" (356 mm)	
40353							
14000	.5 hp (373 W)	20.000	1/8"-1/2" W x 24" L (3-13 mm x 610 mm)	3.1 lb (1.4 kg)	4.6" (116 mm)	14.6" (371 mm)	
40320			1/4"-3/4" W x 18" L (6-19 mm x 457 mm)	2.5 lb (1.1 kg)	4-7/8" (124 mm)	14-1/4" (362 mm)	
40326			1/4"-3/4" W x 20-1/2" L (6-19 mm x 521 mm)				
40330			1/4-3/4" W x 18-24" L (6-19 mm x 457-610 mm)				
40335		5000	1/4"-3/4" W x 18" L (6-19 mm x 457 mm)	2.5 lb (1.1 kg)	4-7/8" (124 mm)	15-1/2" (394 mm)	
40381				2.8 lb (1.2 kg)	5-3/4" (146 mm)		
15300	.7 hp (522 W)	20.000	1/4"-1" W x 18" L (6-25 mm x 457 mm)	3.5 lb (1.6 kg)	4-7/8" (124 mm)	14-1/4" (362 mm)	
15400			5/8"or 3/4" W x 18" L (16 or 19 mm x 457 mm)	2.5 lb (1.1 kg)		15-1/2" (394 mm)	
15401			5/8"or 3/4" W x 20-1/2" L (16 or 19 mm x 521 mm)				
15360		23.000	1/4"-1" W x 24" L (6-25 mm x 610 mm)	3.35 lb (1.52 kg)	7-1/8 (181 mm)	12-3/4" (324 mm)	
15420		20.000	1/4"or 1/2" W x 24" L (6-13 mm x 610 mm)	2.5 lb (1.1 kg)	4-7/8" (124 mm)	14" (356 mm)	



14000



40381



15300

CONTACT ARMS

ACCESSORIES DYNAFILE® – DYNAFILE® II – DYNAFILE® III

With more than 60 contact arms, our product offering covers all the challenges for the industry. Here a small selection:



11179 – CONTACT ARM ASS'Y, 5/8" DIA. X 1/8" W, RUBBER WHEEL



11240 – CONTACT ARM ASS'Y, 5/8" DIA. X 3/8" W, RUBBER WHEEL, WITH 1/2" (13 MM) W PLATEN – 9" (229 MM) REACH



11241 – CONTACT ARM ASS'Y, 5/8" DIA. X 1/8" W, RUBBER WHEEL, WITH 1/4" (6 MM) W PLATEN – 9" (229 MM) REACH



11350 – CONTACT ARM ASS'Y, 5/16" DIA. X 5/8" W, STEEL WHEEL, BUS BAR ARM – 11" (279 MM) REACH

RELATED PRODUCTS

COATED ABRASIVES BELTS

DC242 – CLOTH BACKING
DIFFERENT SIZES AVAILABLE
(WIDTH & LENGTH)



SAFETY COUPLERS



- Durable nickel-plated steel and brass construction
- Single action quick-connect by just inserting plug into coupler
- Release pressure before disconnecting

95674 (1/4" Female Thread)
95684 (1/4" Male Thread)
98269: Female Coupler, 1/2" NPT
98270: Male Coupler, 1/2" NP

AIR LINE ASSEMBLY
SPARK-RESISTANT



- Lightweight airline
- Includes reusable fittings, ensuring air line integrity and less pressure drop
- Narrow bending radius prevents "choking" of air tool

70400 (3 m long)
70401 (6 m long)

More abrasives and accessories on www.dynabrade.com

DRILLS

VACUUM DRILLS

Equipped with a unique shroud to capture dust and debris.



P/N	Power	RPM	Spindle Thread	Weight	Height	Length
52903	.4 hp (298 W)	500	3/8"-24 Male	3.7 lb (1.7 kg)	11-3/4" (300 mm)	10-1/2" (268 mm)
52904		1.000				
52905		2.400		3.1 lb (1.4 kg)		
52906		3.600				
52907		5.500				
53103	.7 hp (522 W)	3.400	1/2"-20 Male	4 lb (1.8 kg)	5-7/8" (149 mm)	10-3/8" (264 mm)
53104		4.500		4.4 lb (2 kg)		12-1/4" (310 mm)
53105		950				
53106		950				

* Includes Conductive Hose & Cuffs



52903



53105

CUTTING TOOLS

CUT-OFF WHEEL TOOLS

For efficient cutting with capture of dust and debris. Ideal for use on fiberglass and composite.



P/N	Diameter	Power	RPM	Vacuum Type	Tool Thread	Collet Size
52538	3" (75 mm)	.4 hp (298 W)	12.000	Vacuum	3/8"-24 Male	-
52418		.7 hp (522 W)	20.000		-	3/8" (10 mm)
52537		1 hp (746 W)	18.000		3/8"-24 Male	-
52436	4-1/2" (115 mm)	.7 hp (522 W)	20.000			-
52438	5" (125 mm)	1 hp (746 W)	12.000			-
52615		1.3 hp (969 W)				-
53291	7" (180 mm)	2.8 hp (2.100 W)	8.500		5/8"-11	



52537



52436

RELATED PRODUCTS

DIAMOND CUT-OFF WHEELS

3/32" THICKNESS | 1/8" DIAMOND GRIT WRAP

NOTES

- Continuous Rim: Used most commonly for fiberglass cutting.
- Side Spoked: Used for sawing thicker material and curved surfaces, without jamming the wheel and stalling the tool.

APPLICATIONS:

- Utilized for fiberglass mold and flash trimming, plus trimming of composite components.



More abrasives and accessories on www.dynabrade.com

DIE GRINDERS

VACUUM DIE GRINDERS

Rapid material removal with source capture



P/N	Power	RPM	Model Type	Collet Size	Weight	Height	Length
56727	.4 hp (298 W)	5.000	7° Offset	1/4" and 6 mm	2.3 lb (1 kg)	8.3" (212 mm)	10" (250 mm)
56751			Straight-Line		2.1 lb (.9 kg)	4.6" (118 mm)	13.3" (338 mm)
56715		12.000	Right Angle		1.6 lb (.7 kg)	5" (125 mm)	8.9" (227 mm)
56719						25.000	7° Offset
56723		Straight-Line	1.4 lb (.6 kg)		4.6" (118 mm)		10.6" (268 mm)
56755		15.000	7° Offset			2.6 lb (1.2 kg)	13.9" (353 mm)
56759	18.000	Straight-Line			2.5 lb (1.1 kg)	8.1" (206 mm)	10" (250 mm)
56743	1 hp (746 W)		12.000		2.8 lb (1.3 kg)	4.6" (118 mm)	14.3" (363 mm)
56747		20.000					



* Includes Conductive Hose & Cuffs

STRAIGHT-LINE DIE GRINDERS

EXTENSION DIE GRINDERS

High quality air-powered Die Grinders



P/N	Power	RPM	Collet Size	Weight	Height	Length
53501	.5 hp (373 W)	18.000	1/4" and 6 mm	3.2 lb (1.5 kg)	1-7/8" (48 mm)	17-7/8" (454 mm)
53502		20.000				12-7/8" (327 mm)
53510		18.000		2.5 lb (1.1 kg)		
53511		20.000				



STRAIGHT-LINE GRINDERS

EXTENSION CONE OR PLUG WHEEL GRINDERS

Allows efficient work within long pcs, castings and more.

P/N	Power	RPM	Tool Thread	Weight	Height	Length
53531	1 hp (746 W)	18.000	3/8"-24 Male	4.8 lb (2.2 kg)	1-7/8" (48 mm)	18-3/8" (467 mm)
53532				6.9 lb (3.1 kg)		26-3/4" (679 mm)
53533				8.9 lb (4 kg)		35-1/8" (892 mm)



CLEAN AIR SOLUTIONS

PNEUMATIC BACKPACK

CATEGORY 2 FOR ATEX ZONE 1 & 21 - CERTIFIED

Lightweight design (12 kg) is ideal in tight areas where larger vacuum unit cannot be used. Includes backpack harness for great mobility!

INCLUDES:

- 8' (2.5 m) Conductive Air Hose with Integrated Air Lines
- Composite Coupler
- Vacuum Hose Swivel Adapter
- Three Collection Bags

CERTIFICATIONS

Designed for use in:
 Class I, Category 2, Groups A, B, C, D, T6; Class II, Category 2, Groups E, F, G
 Hazardous Locations as defined in the National Electric Code (NFPA 70)







European Countries:
 ATEX Third Party Certified
 CE EX II 2 GD c IIC T6 (85° C)



P/N	Capacity	Max Capacity	Air Inlet Pressure PSIG (Bar)	Air Consumption	Water Static Lift	Air Flow	Sound	Height	Width	Length
61473	1.5 Gallon (6 Liters)	5 lb (2.3 kg)	90 (6.2)	35 SCFM (001L/Min)	80"/ 203 cm /119 mbar	50 CFM (1,416 L/Min)	68 dB(A)	16" (406 mm)	18" (457 mm)	30" (762 mm)

CLEAN AIR SOLUTIONS

CATEGORY 2 VACUUM ACCESSORIES



31921 - 1" (25 MM) STATIC CONDUCTIVE HOSE, BLACK, PER METER



31920 - 1-1/4" (32 MM) STATIC CONDUCTIVE HOSE, BLACK, PER METER



31923 - 1-1/2" (38 MM) STATIC CONDUCTIVE HOSE, BLACK, PER METER



73750 - 2" (50 MM) STATIC CONDUCTIVE HOSE, BLACK, PER METER



31904 - HOSE CUFF 1-1/4" THREAD TO 1-1/4" NON THREAD



31907 - HOSE CUFF 1-1/4" THREAD TO 1" NON THREAD SWIVEL



31914 - HOSE CUFF, CONDUCTIVE 1-1/2" THREAD TO 1-1/4" THREAD SWIVEL



31935 - 1" TO 1-1/4" VACUUM WHIP HOSE 4" LONG W/SWIVEL ADAPTOR



31997 - 1-1/2" VAC HOSE TO VAC INLET



96990 - HOSE CUFF- 2-1/4" THREAD- 1-1/2" THREAD, SWIVEL

More about our Clean Air Solutions on www.dynabrade.com



COST SAVINGS PROGRAM

QUANTIFYING THE VALUE WE ADD

10 STEPS TO SAVE COSTS AND OPTIMIZE TIME.

DYNABRADE PROVIDES THE SERVICE OF DOCUMENTING COST SAVINGS TO IMPROVE OUR CUSTOMERS PROFITABILITY AND STRENGTHEN OUR RELATIONSHIP WITH OUR BUSINESS PARTNERS. AN AVENUE TO SOLIDIFY THAT RELATIONSHIP IS TO REDUCE THE AMOUNT OF TIME IT TAKES TO ACHIEVE THE DESIRED OUTCOME FROM THEIR OPERATIONS. EVEN SAVING JUST A FEW MINUTES PER PART CAN EQUATE TO A SIGNIFICANT COST SAVINGS THROUGHOUT THE YEAR. SUBSTANTIAL COST SAVINGS CAN BE ACHIEVED BY USING HIGH-QUALITY, AMERICAN MADE DYNABRADE PRODUCTS AND BY FOCUSING ON REDUCING CYCLE TIMES FOR LABOR INTENSIVE OPERATIONS.



Dynabrade Europe S.à r.l.
Zone Artisanale Op Tomm, 6
L-5485 Wormeldange-Haut, Luxembourg
Tel: +352 768 494 1 / Fax: +352 768 495
Email: sales@dynabrade.lu
www.dynabrade.com

WE LISTEN. WE OBSERVE. WE OPTIMIZE.

TOOLS AND PROCESS SOLUTIONS
FOR THE WIND ENERGY INDUSTRY
EUR 22-10