



DYNABRADE NITRO SERIES™

ABRASIVE POWER TOOLS

NEW



WE LISTEN. WE OBSERVE. WE OPTIMIZE.





DYNABRADE **NITRO** **SERIES**



Dynabrade Nitro Series™ tools are high-quality, purpose-built tools designed to provide automotive technicians with entry level, Dynabrade quality air tools. By partnering with and learning from automotive technicians, Dynabrade understands that an automotive technician's daily routine can be much different than an industrial tool operator's. No two jobs are the same for a body or paint tech and jobs often require a diverse selection of tools.

Like traditional Dynabrade tools, Dynabrade Nitro Series™ spans a wide variety of categories including belt tools, die grinders, disc sanders, cut-off tools as well as surface preparation tools, buffers, and polishers. Within these categories Dynabrade Nitro Series™ tools are designed to address the specific challenges automotive technicians face. A prime example is cut-off tool ECU4, featuring an extended reach for greater access to recessed areas and multi-position guard improving technician sightlines and promoting technician safety in the body shop.

Painters and finishers also benefit from Dynabrade Nitro Series™ innovations with several new buffer/polisher models now available. Model EB3 is sure to solve the challenges buffing contours and side-view mirrors present. As a compact and lightweight tool including an extension, technicians will enjoy effortless maneuverability and the ability to polish difficult to reach painted surfaces.

Dynabrade innovation in the automotive after-market is not limited to air tools. In addition to a state-of-the-art polishing system Dynabrade is also excited to introduce Extreme Orange and DynaSoft™ flexible abrasive discs. Specifically designed to be used wet or dry and available in grits up to 3,000, Dynabrade now offers body and paint technicians complete solutions to their daily tasks.

Dynabrade Nitro Series™ tools all have a one-year warranty included. See page 10 for details.

1 YEAR
WARRANTY



DYNABRADE NITRO SERIES™ NITROFILE ABRASIVE BELT TOOL

Abrasive belt tools can be used throughout the body shop to perform a wide range of applications from spot weld and door skin removal, to surface preparation when welding a plastic bumper.

FEATURES

- ▶ Sanding head pivots 360°, for working in hard to reach areas
- ▶ Quick and easy belt and contact arm change
- ▶ Front exhaust directs dust away from operator and extends belt life
- ▶ Ergonomic, 7° offset handle with safety-lock throttle lever
- ▶ For use with belts 1/4"-3/4" wide by 18" long

NITROFILE VERSATILITY KIT

NF1VK INCLUDES

NF1	Basic tool	Sample abrasives
One additional 11203 Contact Arm Assembly		Deluxe storage/carrying case
11204	Contact Arm Assembly	



Model NF1

NF1 INCLUDES

11203 Contact Arm for 1/2" wide x 18" long abrasive belts



Model NF1VK

DYNABRADE NITRO SERIES™ MINI-NITROFILE

A compact belt tool designed for the frequent grinding applications where space is limited and access is restricted.

FEATURES

- ▶ Lightweight, ergonomic and maneuverable
- ▶ Accepts coated and abrasive impregnated non-woven nylon belts
- ▶ Swing away belt guard for easy abrasive change
- ▶ Multi-position grinding head pivots 180°



Model MNF1

MNF1 INCLUDES

15026 Contact Arm for 1/2" wide x 12" long abrasive belts

MNF13 INCLUDES

15035 Contact Arm for 1/2" wide x 13" long abrasive belts

MINI-NITROFILE VERSATILITY KIT

MNF1K INCLUDES

MNF1	Basic Tool	Sample abrasives
15028	Contact Arm Assembly	Deluxe storage/carrying case
15030	Contact Arm Assembly	

Model Number	RPM	Power hp (W)	Sound Level	Hose Size Inch (mm)	Belt Size	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
NF1	20,000	0.5 (373)	81 dB(A)	3/8 (10)	1/2" W x 18" L	2.5 (1.1)	5.3 (143)	15 (381)
NF1VK	25,000	0.5 (373)	78 dB(A)	1/4 (6)	1/2" W x 18" L	2.5 (1.1)	5.3 (143)	15 (381)
MNF1	25,000	0.4 (298)	78 dB(A)	1/4 (6)	1/2" W x 12" L	1.7 (.8)	3.5 (89)	11.75 (298)
MNF1K	25,000	0.4 (298)	78 dB(A)	1/4 (6)	1/2" W x 12" L	1.7 (.8)	3.5 (89)	11.75 (298)
MNF13	25,000	0.4 (298)	78 dB(A)	1/4 (6)	1/2" W x 13" L	1.7 (.8)	3.5 (89)	12.25 (311)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Air Inlet Thread 1/4" NPT • Maximum Air Flow 22 SCFM (623 L/Min)

DYNABRADE NITRO SERIES™ NITROZIP SURFACE PREPARATION TOOL

Using a Dynabrade Nitro Series™ NitroZip equipped with a wire wheel allows technicians to remove rust and seam sealers in preparation for repair or replacement of damaged vehicle components. When equipped with an eraser wheel the NitroZip removes adhesive-backed decals and lettering without damaging the clear and paint below.

FEATURES

- ▶ Dynabrade Nitro Series™ NitroZip tool outperforms conventional spiral-wound wheels without clogging
- ▶ Excellent power for effectively removing seam sealer, paint, two-sided adhesive molding tape and decal material
- ▶ Tool using wire wheel duplicates sand-blasting effect without surface fatigue
- ▶ Eraser wheel has serrations for improved cooling effect air flow. Also resists heat buildup and reduces jumping and vibration



RED-TRED® Zip Eraser Wheel (92255) sold separately



Using an eraser wheel the Dynabrade Nitro Series™ NitroZip quickly removes decals without harming the paint, as well as removing adhesives without smearing on the painted surface.



When equipped with a wire wheel the Dynabrade Nitro Series™ NitroZip removes seam sealer quickly and without clogging leaving the surface ready for rework.

DYNABRADE NITRO SERIES™ NITROZIP KIT

INCLUDES

- NZ1 Standard Tool
- 92252 1/2" Wheel Hub Assembly (1)
- 92248 1/2" Coarse Wire Wheel (1)
- 92239 3/4" Wheel Hub Assembly (1)
- 92245 3/4" Coarse Wire Wheel (1)
- 92255 RED-TRED® Zip Eraser Wheel (1)



Model Number	RPM	Power hp (W)	Sound Level	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
NZ1	3,500	0.5 (373)	83 dB(A)	28 (792)	1/4" NPT	3/8 (10)	2.6 (1.2)	3.25 (83)	10.7 (272)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar)

DYNABRADE NITRO SERIES™ RECIPROCATING SAW

A versatile tool used for cutting materials such as sheet metal, piping, fiberglass, composites, aluminum and plastic panels. Straight, accurate cuts are achievable thanks to this lightweight and easy to maneuver saw.

FEATURES

- ▶ Small, lightweight design provides greater accessibility and increases operator maneuverability
- ▶ Adjustable rear exhaust directs air away from operator
- ▶ Ergonomic rubber grip offers improved comfort during extended use



Model RS1

INCLUDES

- 90928 24 tooth saw blade
- 90929 32 tooth saw blade

Saw blades also available for purchase separately.

Model Number	Strokes Per Minute	Stroke Length	Sound Level	Maximum Air Flow SCFM (L/Min)	Hose Size Inch (mm)	Air Inlet Thread	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
RS1	9,000	3/8"	83 dB(A)	10 (280)	3/8 (10)	1/4" NPT	1.5 (.68)	2 (50)	10.4 (264)



The Dynabrade Nitro Series™ RS1 reciprocating saw is a versatile tool for restoration and repair applications. Technicians can easily and accurately cut away damaged or rusted panels and floors in preparation for weld on applications or entire panel replacement.

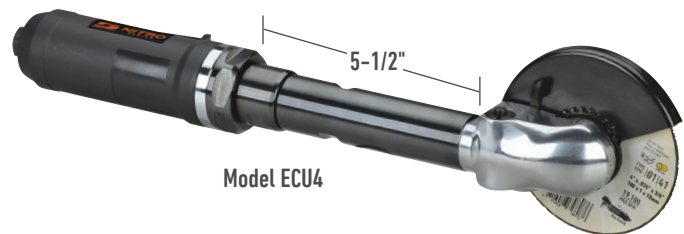


The Dynabrade Nitro Series™ ECU4 shown here provides the operator with greater control of the tool while working over head, or in difficult to reach areas.

DYNABRADE NITRO SERIES™ 4" DIAMETER EXTENSION RIGHT ANGLE CUT-OFF WHEEL TOOL

FEATURES

- ▶ Model accepts 4" (76 mm) diameter Type O1/41 reinforced Cut-Off Wheels, with 3/8" (9.5 mm) center hole
- ▶ Composite grip absorbs vibration and reduces cold air transmission to operator
- ▶ Quick change lever controls, multi-position guard
- ▶ Adjustable exhaust



Model ECU4

Model Number	RPM	Power hp (W)	Sound Level	Tool Thread	Maximum Air Flow SCFM (L/Min)	Air Inlet Thread	Hose Size Inch (mm)	Air Pressure PSIG (Bar)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
ECU4	14,000	1 (746)	87 dB(A)	3/8"-24	40 (1,132)	1/4" NPT	3/8 (10)	90 (6.2)	4.1 (1.9)	1.9 (48)	14.75 (375)

***IMPORTANT:** Speed of tool must not exceed maximum operating speed of accessory. Never mount non-reinforced grinding wheels. Always wear eye, face & body protection.



DYNABRADE NITRO SERIES™ 2" AND 3" DIAMETER RIGHT ANGLE DISC SANDERS

Ideal for quick weld removal, metal beveling in weld preparation, deburring and deflashing, surface conditioning and paint removal. Dedicated tools for disc sanding accept locking-type abrasive discs (coated and non-woven nylon).

FEATURES

- ▶ Compact, lightweight ergonomic tool design permits easy access to tight areas
- ▶ Thermoplastic rubber tool grip absorbs vibration and reduces cold air transmission
- ▶ Includes locking-type disc pad, 2" or 3" diameter (Type-R pad)
- ▶ Smooth, efficient air motor
- ▶ Includes safety-lock lever; rotational rear exhaust
- ▶ For long life, lubricate right angle gears using fitting on gear case



Model Number	RPM	Power hp (W)	Sound Level	Maximum Air Flow SCFM (L/Min)	Tool Thread	Air Inlet Thread	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
DS32	18,000	0.3 (224)	82 dB(A)	18 (510)	1/4" - 20	1/4" NPT	1.1 (.54)	2.5 (63)	6.8 (174)
DS53	14,000	0.5 (373)	81 dB(A)	26 (736)	1/4" - 20	1/4" NPT	1.6 (.73)	2.8 (72)	7.9 (201)

Additional Specifications: Air Pressure 81 PSIG (6.2 Bar) • Recommended Hose Size: 3/8" (10mm)

DYNABRADE NITRO SERIES™ STRAIGHT-LINE DIE GRINDERS

FEATURES

- ▶ Compact, lightweight ergonomic tool design
- ▶ Thermoplastic rubber tool grip reduces cold air transmission and absorbs vibration
- ▶ Smooth, efficient air motor
- ▶ Includes safety-lock lever; rotational rear exhaust to direct away from operator
- ▶ 3-piece collet, interchangeable inserts, low collet runout < .003"



DYNABRADE NITRO SERIES™ RIGHT ANGLE DIE GRINDERS

For fast weld and stock removal, rust and scale removal, heavy deburring

FEATURES

- ▶ Compact, lightweight ergonomic tool design permits easy access to tight areas
- ▶ Thermoplastic rubber tool grip reduces cold air transmission and absorbs vibration
- ▶ Smooth, efficient air motor
- ▶ Includes safety-lock lever; rotational rear exhaust to direct away from operator
- ▶ 3-piece collet, interchangeable inserts, low collet runout < .003"
- ▶ For long life, lubricate right angle gears using fitting on gear case



Model Number	RPM	Power hp (W)	Collet Insert	Sound Level	Maximum Air Flow SCFM (L/Min)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
DGS31	25,000	0.3 (224)	1/4"	84 dB(A)	18 (510)	1 (.45)	1.8 (45)	6.3 (160)
DGS32	25,000	0.3 (224)	6 mm	84 dB(A)	18 (510)	1 (.45)	1.8 (45)	6.3 (160)
DGS51	20,000	0.5 (373)	1/4"	83 dB(A)	26 (736)	1.3 (.57)	2 (51)	7 (179)
DGS52	20,000	0.5 (373)	6 mm	83 dB(A)	26 (736)	1.3 (.57)	2 (51)	7 (179)
DGR31	18,000	0.3 (224)	1/4"	86 dB(A)	18 (510)	1.2 (.54)	2.7 (70)	6.5 (166)
DGR32	18,000	0.3 (224)	6 mm	86 dB(A)	18 (510)	1.2 (.54)	2.7 (70)	6.5 (166)
DGR51	14,000	0.5 (373)	1/4"	84 dB(A)	26 (736)	1.6 (.73)	2.7 (70)	7.1 (181)
DGR52	14,000	0.5 (373)	6 mm	84 dB(A)	26 (736)	1.6 (.73)	2.7 (70)	7.1 (181)

Additional Specifications: Air Pressure 90 PSIG (6.2 Bar) • Air Inlet Thread 1/4" NPT • Recommended Hose Size: 3/8" (10mm)

DYNABRADE NITRO SERIES™ 3" EXTENDED BUFFER

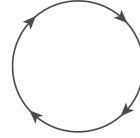
Compact and lightweight the Dynabrade Nitro Series™ extended buffer is perfect for use in tight areas or contoured painted surfaces like side-view mirrors.

FEATURES

- ▶ Tool includes 50126 hook-face backup pad
- ▶ Tactile, thermoplastic grip
- ▶ 3/8"-24 male spindle, rear exhaust
- ▶ Rotational rear exhaust directs cold air away from operator
- ▶ Terry cloth, wool and foam buffs available



Model EB3



ROTARY MOTION
For Rotary Buffing

Model Number	Diameter inch (mm)	RPM	Power hp (W)	Pad Size Inch (mm)	Sound Level	Spindle Thread	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
EB3	3 (76)	2,700	0.5 (373)	3 (76)	81 dB(A)	3/8" - 24 male	23 (644)	3/8 (10)	1.1 (.54)	1.9 (49)	11.25 (286)

Additional Specifications: Air Inlet Thread 1/4" NPT • Air Pressure 90 PSIG (6.2 Bar)

DYNABRADE NITRO SERIES™ 5" - 8" BUFFER

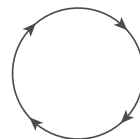
Dynabrade Nitro Series™ buffers polish large areas like hoods and trunk lids quickly and with consistent results.

FEATURES

- ▶ 2,800 RPM free speed. Accepts 5" to 8" diameter buffing pads
- ▶ Lightweight and compact in size
- ▶ Rear exhaust, variable speed safety-lock lever throttle
- ▶ Soft-grip handle can be positioned for right or left hand operation
- ▶ Insulated handle reduces cold air transmission to the operator



Model RB1



ROTARY MOTION
For Rotary Buffing

* Back-up pad and polishing bonnet not included.

- 50853 is a 5/8"-11
- 50854 is a M14 x 2
- 90082 polishing bonnet

Model Number	Diameter inch (mm)	RPM	Power hp (W)	Pad Size Inch (mm)	Sound Level	Spindle Thread	Maximum Air Flow SCFM (L/Min)	Hose I.D. Size Inch (mm)	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
RB1	5-8 (76-203)	2,800	1 (746)	5 (125)	89 dB(A)	5/8" - 11 Male	48 (1359)	3/8 (10)	4.8 (122)	12.5 (318)	2.5 (64)
RB2	5-8 (76-203)	2,800	1 (746)	5 (125)	89 dB(A)	M14 x 2	48 (1359)	3/8 (10)	4.8 (122)	12.5 (318)	2.5 (64)

Additional Specifications: Air Inlet Thread 3/8" NPT • Air Pressure 90 PSIG (6.2 Bar)

DYNABRADE NITRO SERIES™ VARIABLE SPEED ROTARY BUFFER/POLISHER

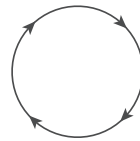
The Dynabrade Nitro Series™ electric rotary buffer/polisher will produce the professional results users desire. This powerful tool cuts, polishes and buffs to bring out a mirror finish on even the dulllest surface. Additionally, it is perfect to quickly remove heavy oxidation and correct surface imperfections.

FEATURES

- ▶ Powerful, 1,000-watt motor
- ▶ Thumb controlled variable speed dial offers six speed selection options between 800 - 3,000 RPM
- ▶ Auto shut-off carbon brushes prevents motor damage
- ▶ Sealed ball-bearing construction provides long life
- ▶ Soft-start trigger



Model RB3



ROTARY MOTION
For Rotary Buffing



The EB3 allows technicians to buff contours and recesses on hood and panels as well as navigate around side-view mirrors.



RB3 features a removable handle and forward grip for greater control and to suit operator's preference.

DYNABRADE NITRO SERIES™ 6" ELECTRIC RANDOM ORBITAL BUFFER

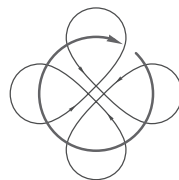
Orbital buffers allow technicians to consistently achieve hologram free finishes limiting the possibility of burning through clear coat. The wide 21mm orbit moves polishing pads over a larger surface area, keeping painted surfaces cool and producing showroom finishes.

FEATURES

- ▶ Powerful, 1,000-watt motor is well suited detail applications
- ▶ Thumb controlled variable speed dial offers six speed selection options between 1,800 - 4,400 RPM
- ▶ D handle and ergonomic throttle handle design offer multiple grip positions during use
- ▶ Locking ON button for extended ease of use
- ▶ Soft-start trigger



Model ROB1



**21 mm
DIAMETER ORBIT**
For Random
Orbital Buffing

Model Number	Diameter inch (mm)	RPM	Power Amp	Maximum Watts Out	Spindle Thread	Voltage	Phase	Frequency	Weight Pound (kg)	Height Inch (mm)	Length Inch (mm)
RB3	5-8 (152-203)	800-3,000	9	1000	5/8" - 11 male	120 V (AC)	1	60 Hz	5.2 (2.4)	4.5 (114)	16 (406)
ROB1	6 (152)	1,800-4,400	9	1000	-	120 V (AC)	1	60 Hz	6.4 (2.9)	5 (128)	16 (406)

THE DYNABRADE 2-STEP POLISHING SYSTEM

The Dynabrade 2-Step system is based on high performance compounds that are the result of decades of research and development. Utilizing a unique abrasive powder technology, the abrasive grain in our high-performance compounds is based on an optimized high-purity, white aluminum oxide

powder. The Dynabrade system can remove defects and scratches as well as polish surfaces in only one step, creating a brilliant mirror-like gloss. Conventional polishing compounds require a minimum of two or more polishing steps to achieve similar results.

STEP 1

DYNARED® POLISHING COMPOUND

Model 79712 33.1oz. (1 L)

- ▶ Removes grit P1500-P2000 sanding marks in seconds, leaving a brilliant finish.
- ▶ Unmatched cutting and gloss features.
- ▶ Virtually no dust contamination during application.
- ▶ Ideal for all kinds of paint including scratch-resistant and UV-cured paint.
- ▶ Does not contain wax, silicone oil or toxic solvents.
- ▶ "Consistently easy" – only one compound and one polishing pad for almost all paint finishing applications.



When establishing a final finish, it is important to apply compound to the surface of the pad and then blot additional compound on the area to be polished.

STEP 2

DYNAORANGE® POLISHING COMPOUND

Model 79715 33.1oz. (1 L)

- ▶ The perfect polishing compound to create the final finish on almost all types of clear coats.
- ▶ Generates a flawless end-finish on dark paints.
- ▶ Effectively eliminates holograms and swirl marks from previous steps.
- ▶ Can also be used after sanding steps P2500 or P3000.
- ▶ Ideal for denibbing and spot repair applications.
- ▶ Leaves a high gloss surface finish.
- ▶ Produces perfect results when used with both air powered and electric polishers.



DYNARED® Model 79712

DYNAORANGE® Model 79715

Orange Pad Model 79703

White Pad Model 79702

Wool Pad Model 79701

DYNABRADE NITRO SERIES™ TOOLS WARRANTY INFORMATION

1 YEAR WARRANTY

Dynabrade warrants all "Dynabrade Nitro Series" tools against defects in workmanship and materials under normal use and service for a period of 1 Year from the date of purchase as set forth herein. Customer must return the defective tool to Dynabrade within 1 Year from the date of purchase. Upon examination and review at Dynabrade's factory, Dynabrade shall confirm whether the tool qualifies for warranty status, in which case Dynabrade shall repair or replace the tool at no charge to the customer. This warranty is contingent upon proper use of the "Dynabrade Nitro Series" tool in accordance with factory recommendations, instructions and safety practices. It shall not apply to equipment that has been subjected to misuse, negligence, accident or tampering in any way so as to affect its normal performance. This warranty does NOT apply in the following cases: (i) consumables such as sanding pads, etc.; (ii) lack of lubrication or evidence of rust, dirt or corrosion; (iii) tools requiring normal tuneup or cleaning; (iv) tools being used after they are badly worn such as using ratchet with worn yoke; (v) ratchet anvils damaged by excessive hand torquing; (vi) use in production-type applications. This warranty does NOT cover normally wearable parts and accessories, including, but not limited to, bearings, contact wheels, rotor blades, regulators, valve stems, levers, shrouds, guards, O-rings, seals, gaskets and other wearable parts.

Dynabrade only warrants such normally wearable parts and accessories against manufacturing defects at the time of receipt. If, upon receipt and prior to use, a normally wearable part or accessory is found to be defective, Dynabrade will repair or replace such part or accessory at no charge to the customer. To be considered for warranty, tools must be sent back to our factory, transportation prepaid by user. Please send tool back to attention "Repair Department" with note fully explaining the nature of the problem along with a copy of original invoice indicating model and serial number. THIS WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND THERE ARE NO OTHER WARRANTIES THAT EXTEND BEYOND THIS EXPRESS WARRANTY. Dynabrade will not be liable for damages to products, other property or persons due to improper use or through attempts to use products for other than their intended use. DYNABRADE WILL NOT BE LIABLE TO CUSTOMER OR ANY THIRD PARTY FOR ANY SPECIAL, CONTINGENT, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES. Dynabrade's liability with respect to a claim for any other damages arising out of or connected with the manufacture, sale, purchase, non-delivery, use or performance of any product sold by Dynabrade will in no event exceed to the price paid for the product.



DYNABRADE ABRASIVE POWER TOOLS AND PROCESS SOLUTIONS

Since 1969, Dynabrade has been a global leader in the innovative design and manufacture of industrial power tools and related accessories. We have earned an outstanding reputation and position of leadership in the pneumatic tool market and have been supplying high-quality, American Made power tools to customers through a worldwide network of professional distributors. *Discover The Dynabrade Difference...*

SALES SUPPORT

- Factory-trained experts on tools, air systems, accessories and abrasives.
- "Process Solutions" approach: sales personnel outfitted with tools, accessories and abrasives for on-site demonstrations.

COST SAVINGS

- Let us analyze your air system with our Performance Assurance Kit.
- "Same Day/Next Day" shipping on most USA orders.
- USA Flat Rate Repair Program offers quick repairs by factory-trained experts.

TRAINING

- On-site tool training clinics to educate your personnel.
- USA Mobile Training Units bring products directly to the workplace.
- Online demo videos available.

CUSTOMER SERVICE

- Talk with a trained Customer Service Representative.
- Discuss tool specs and applications with an experienced Technical Support Person.
- Utilize our online literature library.

WE LISTEN. WE OBSERVE. WE OPTIMIZE.

PROUDLY DESIGNED, ENGINEERED, AND BUILT IN AMERICA SINCE 1969

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Distributed By:

Dynabrade Nitro Series™ D19-04

Printed in the USA