



SPECIFICATIONS

Disk Size:	18"
HP:	3
Motor Phase:	Single*
Voltage:	115
Height:	37 1/2"
Length:	32"
Width:	19"
Weight:	391 lb

*Power conversion from single phase to three phase

INCLUDED ACCESSORIES

- 9241:** Quick Change Tool Holder Assembly (3 each)
- 9245:** Velcro Plate Adapter (3 each)
- 6280-401B:** 7/32 T-handle Allen Wrench
- 6254:** 50 foot 12 gauge Extension Cord
- 1009:** Safety Glasses
- Instruction Manual



DEMO DVD/VIDEO
AVAILABLE UPON REQUEST
ONLINE TRAINING
SCHEDULE AVAILABLE NOW

FEATURES

- The 8274-4 has a 230 volt 3 HP motor that promotes a unique, National engineered, LED control box allowing the grinder to operate using 110 volt power.
- This active planetary grinder uses National's patented self-tensioning, single belt technology to efficiently prepare concrete surfaces for coating applications and polishes to a 3000 grit shine.
- At almost 400 pounds, the 8274-4 provides down pressure, power and precision for jobs of all sizes.
- The self-diagnosing control box has a variable speed feature that minimizes blown circuit breakers.
- The forward and reverse function increases tooling productivity through cleaner consumables and more even wear.
- The easy flip style side weight system applies additional down pressure when required.
- The grinder head rotates 90 degrees granting easy access to the quick change magnetic tooling. This provides safe and convenient change-out for multiple applications.
- The floating 9292 isolator assemblies enable the magnetic tooling to follow the contour of the concrete surface. This provides a uniform scratch pattern for coating applications or polishing concrete with surface undulations.
- The adjustable rubber dust guard provides a dustless operation.
- The handle adjusts to a comfortable angle, height and grip.
- The modular design grants quick and safe transportation.
- This grinder promotes ease and maneuverability in small spaces and detailed edging within 1/8" to the wall.
- This machine operates a complete dry grind and polish system; eliminating messy and hazardous slurry.
- There is a one (1) year manufacturer's warranty on parts and labor.

GRINDER TOOLING

PCDS AND CARBIDES

Designed for aggressive concrete stock removal as well as coatings, glues, mastics and other floor covering adhesives.

PART#	DESCRIPTION
9555	2-UP PCD- MICRO
9557	4-UP PCD- MICRO
9554	1-UP PCD- ½ ROUND
9556	2-UP PCD- ½ ROUND
7268-2	CARBIDE TIP

5 INCH BRAZED DIAMONDS

Used primarily in industrial applications for medium to aggressive concrete grinding and profiling as well as sealer and top coat removal. Perfect for concrete preparation and restoration prior to concrete polishing. In addition, brazed diamonds effortlessly remove stains and imperfections from exterior wood decking while simultaneously providing wood profile for receiving new stains and/or sealers.

PART#	DESCRIPTION
9235-16	16 GRIT
9235-30	30 GRIT
9235-50	50 GRIT
9235-100	100 GRIT

BRAZED TRAPEZOID

Utilized primarily in light industrial and residential applications for concrete grinding and profiling as well as sealer and top coat removal. Provides excellent surface profile for new coatings, epoxies or stains. Also creates an exceptional profile for concrete preparation and restoration prior to polishing concrete.

PART#	DESCRIPTION
9522-16	16 GRIT
9522-30	30 GRIT
9522-50	50 GRIT
9522-100	100 GRIT

METAL BOND DIAMONDS

Utilized for light, medium and aggressive concrete grinding and profiling as well as sealer and top coat removal. Can be used for both residential and industrial applications. Perfect for leveling concrete high spots and repairing imperfections as well as creating the perfect profile for accepting new coatings, epoxies or preparing concrete for polishing.

PART#	DESCRIPTION
Full Segment Diamonds	
9508-16	16 GRIT
9508-30	30 GRIT
Half Segment Diamonds	
9507-3	3 GRIT
9507-16	16 GRIT
9507-30	30 GRIT
9507-0	0 GRIT
Profiling Diamond	
9510-30	30 GRIT
9510-50	50 GRIT
9510-120	120 GRIT
9510-180	180 GRIT

5 INCH POLISHING PADS

Utilized for polishing concrete to various finishes and shines. Resin bond. Available in escalating grits.

PART#	DESCRIPTION
9267-50	50 GRIT
9267-100	100 GRIT
9267-200	200 GRIT
9267-400	400 GRIT
9267-800	800 GRIT
9267-1500	1500 GRIT
9267-3000	3000 GRIT
9267-Buffer	BUFF



OPTIONAL ACCESSORIES

- 3474-L: Dust Collector
- 8270: Concrete Hardness Tester