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FLOORING
EQUIPMENT**

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2022
CATALOG

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Dear Friends and Partners,

Welcome to this brave new world we are living in. Just like the 1920's, we are experiencing incredible global change and growth this year. Growing pains always come along with growth. The whole world is dealing with supply chain, shipping, and manufacturing issues...we at National like to call them opportunities.

I am pleased to present the 2022 National Flooring Equipment catalog and solutions offering. .

This year we have many reasons to be grateful. Firstly, we work with some of the world's finest distributors, rental groups, and contractors. You are the reason we get up early every day and hustle. Next, we at National are grateful for our families, our coworkers, and our customers. We stand loyal to our people, and believe in the passion's of work, ingenuity, and community.

As you read through the 2022 catalog and product offering, please take note of our current line of exceptional surface preparation solutions, as well as some truly innovative equipment offerings. With over fifty United States and International patents, National boasts the most extensive product offering currently available in the surface preparation industry. We have also included our Mission, Vision & Values statement, so you may get to know us a little better.

We take great pride in supporting everything that leaves our facility with unparalleled customer service. You are the most important part of our business, and we have more than 50 years of solutions behind us. We're never going to stop working for your business.

We are dedicated to meeting your needs with the most experienced professional guidance and dedication available. And, now we can support you all over the world!

This year our focus is on health. Health is paramount to our organization, and our relationships. Physical Health, Mental Health, and Financial Health makes up our health campaign. This campaign is not only something we are embracing within our walls, but also an important discussion that we want to engage in with our partners. We love spending time with our partners and customers. We want to support you in your endeavors and business goals. Our promise is to always be where you are, working for you, building a future for all of us.

We should all be focused on the future, learn from the past, and cherish the time we have.





SURFACE PREPARATION SOLUTIONS

2 The National Difference

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14 Ride-On Floor Scrapers

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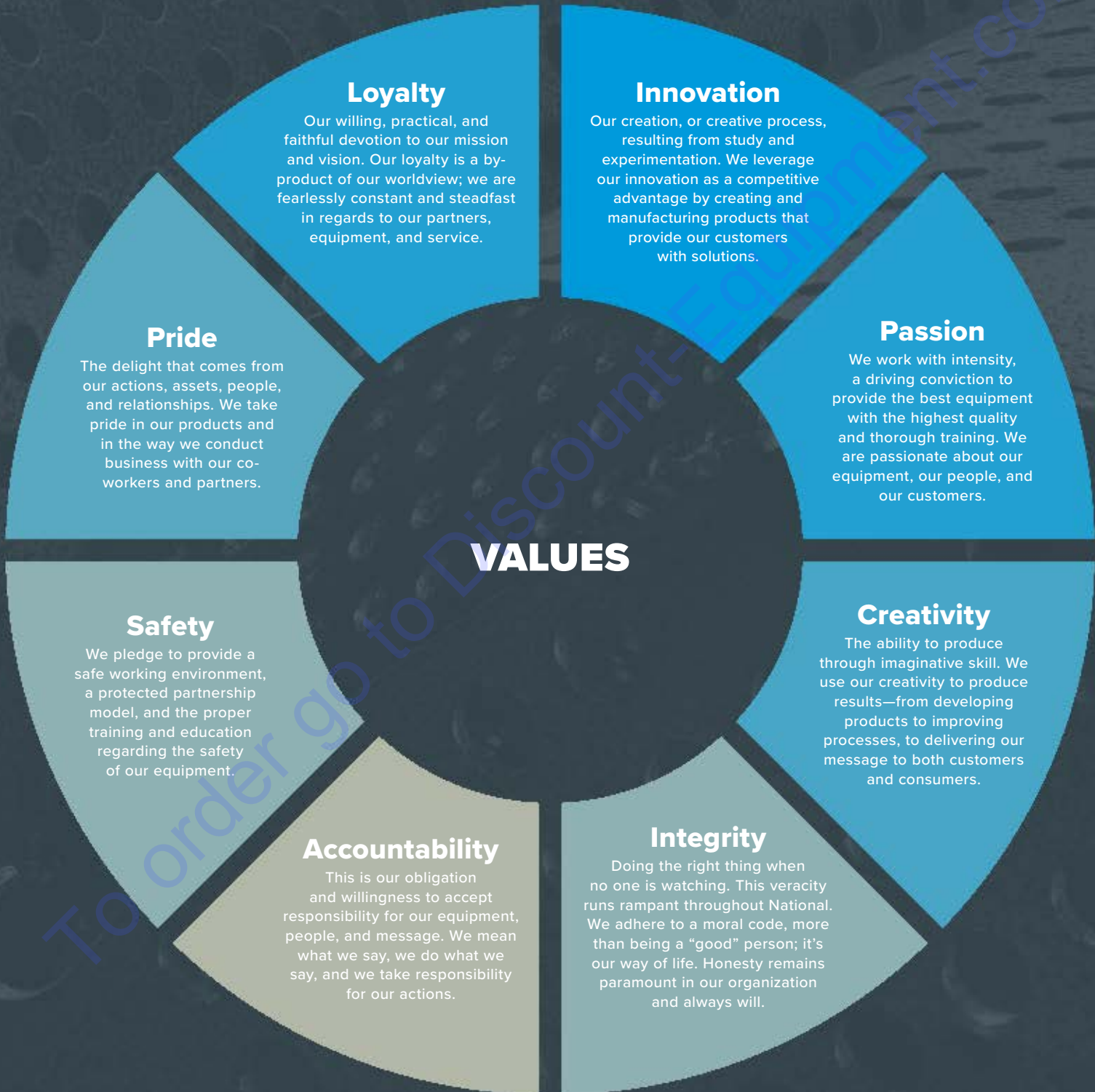
51 Dust Control & Dust Collectors

MISSION

National is a leader in surface preparation solutions and service across the world. We are a customer-centric organization dedicated to answering questions and building a partnership between all levels of our customers. This is equally matched with the best equipment and engineering support in the industry. Our loyalty is to our partners and we stand behind our equipment.

VISION

National's vision is to engineer and design surface preparation equipment of the highest quality, distinction, and value that delivers what our customers need, answering their questions and driving solutions in the marketplace. In doing this, we can continually define the industry standards for product quality, customer service, partner relationships, and technology innovation.



VIKING®





VIKING® Specifications

Width	57.9"	147 cm
Length	122.5"	311 cm
Height	93.3"	237 cm
Weight	5,700 lbs.	2,586 kg
Power	49.5 HP Turbo Diesel Kubota	
Fuel Capacity	18 gallons	68 liters
Alternator	90 amps	



FEATURES

- A.** Dual windshields for increased workspace visibility
- B.** Use one, two, or three tooling holders to set the Viking® up for any jobsite
- C.** Features National's patented Dual-Lift technology for infinite blade adjustments from the safety of the cab
- D.** The positive-pressure, noise-dampening cab has been designed to meet Roll-Over Protection and Falling Object Protection Certifications (ISO 3471 & ISO 3499)
- E.** Extensive safety lighting includes forward- and rear-facing LED lights, red safety curtain, orange operator indication, green operation indication, and a blue safety arrow light
- F.** 2-Speed cab fan for increased airflow under warm conditions
- G.** Interior, red, night light illuminates the cab without glare when working in dark conditions
- H.** Climate controlled cab offers heat and air conditioning to ensure comfort during long days
- I.** Phone mount and USB outlet keeps your device charged and in close proximity
- J.** Cup holder ensures secure storage of your beverage around electrical components
- K.** Power and engine control interface for intuitive functionality
- L.** Emergency engine shut-off button
- M.** Rear-view camera display brings another level of safety to your jobsite and workers
- N.** Easy-to-use joystick controls offer precise handling and blade adjustment
- O.** Fully adjustable seat features reclining back, forward and back sliding adjustment, adjustable arm rests, and a seat belt



National Flooring Equipment has been engineering and manufacturing the industry's most productive and reliable floor scrapers for over 50 years. Our scrapers exceed industry expectations and set unmatched standards for removal rates, durability, and safety.



**ELECTRIC
POWER**



**BATTERY
POWER**



**PROPANE
POWER**

FLOOR SCRAPERS

TROLLEY-UK

Give your hands and back a break and let the Power Hammer Trolley make you faster, more efficient, and productive. This machine works as a floor stripper and scraper on concrete and wood surfaces. Great for removal of epoxy, ceramic tile, vinyl, VCT, cork, adhesives, mastic, and more. The Power Hammer Trolley is perfect for rock breaking and block demolition. Hammer sold separately.

TROLLEY : fits Hilti TE1000 and Hilti TE1500 and Bosch 11335K



Trolley Specifications

Width	19"	48 cm
Height	44"	111.8 cm
Length	24"	61 cm
Weight	99 lb	45 kg

**All measurements reflect the folded dimensions of the Trolley. Power hammer not included.*

SAFETY

A. Safety emergency switch

PERFORMANCE

B. Specially designed shock absorbing grips for increased operator comfort

C. Easy-to-reach knob for quick adjustments of the operator's handle

COMFORT

D. Adjustable knob creates 5 different angles to change the height of the tool without impacting the height of the handle

E. Large, solid tires wear well, perform consistently over rough surfaces, and won't lose pressure

F. Rugged steel frame is durable and built to last



550-UK

WALK-BEHIND SCRAPER



The 550 is ideal for residential work and tight, confined spaces on commercial jobs. The accelerated RPM orbital cutting action delivers an efficient and operator-friendly machine. With decibel ratings under industry and safety standards, this machine is a must-have.

550 Specifications

Power Supply	Electric	
Width	17.8"	45 cm
Max. Height	42.5"	108 cm
Height (without handle)	21"	53 cm
Max. Length	32.5"	83 cm
Weight	123 lb	55.8 kg
Removable Weight	44 lb	20 kg
Weight (machine only)	79 lb	35.8 kg
Speed	Manual	
RPM	1725	1425
Voltage	115	230
Frequency	60 Hz	50 Hz
HP	1	.746 kW
Amps (full load)	14	7
Noise Emission	73 dB	

SAFETY

A. Kickplate/footbar provides additional leverage to glide through material and reduce back stress

PERFORMANCE

B. Adjustable height and removable handle; easily condenses for transport in any size vehicle

COMFORT

C. Angle-adjustment wheel changes pitch of the blade in seconds

D. 1 HP motor with industrial-grade shaft has powerful torque for removing tough applications

E. Removable front weight provides additional down pressure and facilitates easy loading/unloading

F. Orbital cutting action rotates the blade to cut through a range of materials over various substrates; extends life cycle of machine while reducing maintenance costs

REMOVES THE FOLLOWING MATERIALS:

- Linoleum
- VCT
- Ceramic Tile
- Adhesives
- Rubber-backed carpet
- Glued-down carpet
- Coatings
- Plastic floor coverings
- Foam
- Plastic droppings
- Parquet flooring
- Chewing gum
- Indoor/outdoor felt
- Ice
- Accumulated grime
- Paint from floors
- Rubber and vinyl tile
- Roofing

INCLUDED WITH THE 550

- 551 Angle Shank Holder
- 552 2" x 4" Angle Shank
- Kit 5170 includes :
 - 147 4" x 6" blade
 - 6285 3" x 6" Heavy-duty blade
 - 7050-202 3" x 10" Premium High Tempered Blade
- 5280-137W: 6mm T-Handle Wrench
- Operating and Service Manuals
- One-year manufacturer's warranty on parts and labor

RECOMMENDED ACCESSORIES

6280-505

- Swivel head rotates to allow continuous contact with the floor

6280-500

- Swivel head allows for continuous contact with the floor and is specifically for razor blades



5280-UK

WALK-BEHIND SCRAPER



This hydraulically driven, forward self-propelled scraper removes the worst of today's soft goods, such as glued-down floors, gummy commercial carpet, VCT, sheet vinyl, rubber tile, linoleum, indoor and outdoor sport surfaces, roofing material, and more. The ergonomic features of this machine reduce operator fatigue while optimizing time and labor savings. The compact design makes it ideal for use in tight spaces.

5280 Specifications

Power Supply	Electric	
Width	17"	43 cm
Height	39"	99 cm
Length	27"	69 cm
Weight	263 lbs	119 kg
Removable Weight	37 lb front, 49 lb saddle	16.8 kg front, 22.2 kg saddle
Weight (machine only)	177 lb	80.3 kg
Speed	12-50 ft/min	3.7-15.2 m/min
RPM	1725	1425
Voltage	115	230
Frequency	60 Hz	50 Hz
HP	1	.746 kW
Amps (full load)	12	6.7
Noise Emissions	77 dB	
Meets the requirements of the Machine Directive 2006/42/EC and EMC Directive 2004/18/EC. It is CE marked.		

SAFETY

A. Tie-down/lifting bail

PERFORMANCE

B. Forward self-propelled control

COMFORT

C. Variable speed, 12 to 50 feet per minute

D. Self-contained, limited-maintenance hydraulic fluid

E. Removable 49-pound saddle weight helps increase or decrease down pressure and traction

F. Orbital action rotates the cutting blade to cut through a range of materials over various substrates; extends life cycle of machine while reducing maintenance costs

INCLUDED WITH THE 5280

- Kit 5173 includes:
 - 148 5" x 6" blade
 - 6258-BU 3" x 12" self-scoring blade
 - 6286 3" x 10" heavy-duty blade
 - 7050-200 3" x 6" premium high-tempered blade
- 7050-202 3" x 10" premium high-tempered blade
- 5280-137W: 6mm T-handle wrench
- Operating and Service Manuals
- One-year manufacturer's warranty on parts and labor

RECOMMENDED ACCESSORIES

6280-505

- Swivel head rotates to allow continuous contact with the floor

6280-500

- Swivel head allows for continuous contact with the floor and is specifically for razor blades



6280-UK Commander®

HYDRAULIC WALK-BEHIND SCRAPER



The Commander removes the worst of today's soft goods, such as glued-down floors, gummy commercial carpet, VCT, sheet vinyl, rubber tile, linoleum, indoor and outdoor sport surfaces, roofing material, and more.

6280 Specifications

Power Supply	Electric	
Width	17.75"	45 cm
Max. Height	46"	117 cm
Height (handle folded)	30"	76 cm
Max. Length	51"	130 cm
Length (handle folded)	29"	74 cm
Weight	425 lb	192.8 kg
Removable Weight	47 lb front, 43 lb side	21.3 kg front, 19.5 kg side
Weight (machine only)	335 lb	152 kg
Speed	10-45 ft/min	3.0-13.7 m/min.
RPM	3450/2875	
Voltage	115	230
Frequency	60 Hz	50 Hz
HP	1.5	1.12 kW
Amps (full load)	13	7.5
Noise Emission	79 dB	

Meets the requirements of the Machine Directive 2006/42/EC and EMC Directive 2004/108/EC. It is CE marked.

SAFETY

- A.** Front-weight design better deflects loose material away from machine during use
- B.** Tie-down/lifting bail

COMFORT

- C.** Ergonomically designed, adjustable-position hand grips; hydraulic self-propelled forward and reverse; variable speed, 10 to 45 feet per minute; manual drive system for throttle/speed control and smooth transitions.
- D.** Six handle positions for work under counters and other confined areas; collapses to save space during transport and storage.

PERFORMANCE

- E.** Secure-mount side slide weights adjust head pressure; slide the weights back to increase weight over drive wheels.
- F.** Adjustable, self-cleaning, industrial-grade, siped wheels for improved traction over smooth or slippery surfaces; clip-pin removal allows for easy nonpowered maneuvering
- G.** Motor equipped with thermal-overload-protection circuit breaker that protects against strain or electrical overload
- H.** Orbital action rotates the cutting blade to cut through a range of materials over various substrates; extends life cycle of machine while reducing maintenance costs
- I.** Transport-wheel rack hanger on back of handle
- J.** Adjustable wheel scrapers prevent material buildup during operation

INCLUDED WITH THE 6280

- 6280-299 front wheel assembly
- Kit 5173 includes:
 - 148 5" x 6" blade
 - 6258-BU 3" x 12" self-scoring blade
 - 6286 3" x 10" heavy-duty blade
 - 7050-200 3" x 6" premium high-tempered blade
 - 7050-202 3" x 10" premium high-tempered blade
 - 5280-137W 6mm T-handle wrench
 - Operating and Service Manuals
 - One-year manufacturer's warranty on parts and labor

RECOMMENDED ACCESSORIES

6280-505

- Swivel head rotates to allow continuous contact with the floor

6280-500

- Swivel head allows for continuous contact with the floor and is specifically for razor blades



6280HD-UK Gladiator®

HYDRAULIC WALK-BEHIND SCRAPER



The Gladiator removes the worst of today's hard and soft goods, such as ceramic tile, wood floors, thin-set, sheet vinyl, linoleum, and more. Its compact design makes it ideal for use in confined spaces, while the side slide weights add extra head pressure when forward and improved traction when moved over the back wheels.

6280HD Specifications

Power Supply	Electric	
Width	17.75"	45 cm
Max. Height	46.75"	119 cm
Height (handle folded)	30"	76 cm
Max. Length	49.5"	126 cm
Length (handle folded)	29.5"	75 cm
Weight	490 lb	222.3 kg
Removable Weight	78 lb front, 43 lb side	35.4 kg front, 19.5 kg side
Weight (machine only)	369 lb	167.4 kg
Speed	up to 30 ft/min	9.1 m / min
RPM	1725	1425
Voltage	115	230
Frequency	60 Hz	50 Hz
HP	1.5	1.12 kW
Amps (full load)	14.7	10.5
Noise Emission	77 dB	

Meets the requirements of the Machine Directive 2006/42/EC and EMC Directive 2004/108/EC. It is CE marked

SAFETY

- A.** Rounded front-weight design better deflects loose material away from machine during use
- B.** Tie down/lifting bails

COMFORT

- C.** Ergonomically designed, adjustable-position hand grips; hydraulic self-propelled forward and reverse; variable speed, 10 to 30 feet per minute; optional manual drive with removal of drive pins; system for throttle/speed control and smooth transitions
- D.** Six handle positions for work under racks and in other confined areas; collapses to save space during transport and storage

PERFORMANCE

- E.** Self-contained, limited-maintenance hydraulic fluid
- F.** Secure-mount side slide weights adjust scraper-head pressure; side slide weights add extra head pressure when forward and improved traction when moved over the back wheels
- G.** Adjustable, self-cleaning, industrial-grade, siped wheels for improved traction over smooth or slippery surfaces; clip-pin removal allows for easy nonpowered maneuvering
- H.** Motor equipped with thermal-overload-protection circuit breaker that protects against strain or electrical overload
- I.** Orbital action rotates the cutting blade to cut through a range of materials over various substrates; extends life cycle of machine while reducing maintenance costs
- J.** Design incorporates nine isolators for the toughest jobs

INCLUDED WITH THE 6280HD

- 6280HD-250 Transport Wheel Assembly 6280HD
- Kit 5174 includes :
 - 6258-BU: 90 degree, 3" x 12" self scoring, bevel up
 - 6265-BD: 90 degree, 3" x 8" self-scoring, bevel down
 - 6276-BU: 45 degree, 3" x 10" self-scoring, bevel up
 - 7050-200: 3" x 6" premium blade
 - 7050-202: 3" x 10" premium blade
 - 7050-203: 3" x 12" premium blade
 - 7050-204: 3" x 14" premium blade
 - 7280-12: 12" cutting head
 - 7280-2C: 30-degree angle attachment
 - 402276: 9-degree angle attachment
 - 7280-4: retainer cap assembly
 - 7280-6: 6" cutting head
 - 7281-1: 1" x 6" angle shank w/ carbide shank
- Instruction manual
- One-year manufacturer's warranty on parts and labor



5000-UK

RIDE-ON SCRAPER

The 5000-UK is a compact, ride-on floor scraper designed with a low-profile frame that increases ease of transport and maneuverability on the job.



5000-UK Specifications

Power Supply	Battery 48V	
Width	24.5"	62 cm
Height	48"	121.9 cm
Length	63"	160 cm
Weight*	2,103 lb	953.9 kg
Removable Weight	445 lb	201.8 kg
Speed	up to 160 ft/min	up to 48.8 m/min
Voltage & Frequency	115V/60Hz	230V/50Hz

*CE weight includes: tooling holder & transport wheels

SAFETY

- A. E-stop knob for on-the-job safety
- B. Auto-stop feature kills machine when operator is not in seat

COMFORT

- C. Adjustable arm rests, seat and foot pegs for a balanced, comfortable ride

PERFORMANCE

- D. Front debris deflector protects the machine from loose material
- E. Dual-lift hydraulic slide plate adjusts blade pitch and angle for continuous contact with the floor

- F. Six AGM (Absorbed Glass Mat) 200-amp batteries
- G. Quick-change swivel head blade holder
- H. Precise hydraulic steering for maneuvering in tight spaces, zero turn radius, and continuous torque for higher removal rates and greater productivity
- I. Compact design fits through door frames and elevator doors; removing the weights allows the 5000 to meet the maximum standard elevator weight restrictions
- J. LED light for increased visibility on the jobsite
- K. IEC 320 - universal plug allows replacement charger cords to be supplied from any country

INCLUDED WITH THE 5000-UK

- 5110-100: Transport
- 402929: 3/4 x 1-1/8 Wrench
- Operating and Service Manuals
- Kit 5176 includes:
 - 6260-BD: 90 degree, 3" x 6" self-scoring, bevel down
 - 6277-BU: 45 degree, 3" x 12" self-scoring, bevel up
 - 6284: 3" x 12" heavy-duty blade
 - 6285 : 3" x 6" heavy-duty blade
 - 6286 : 3" x 10" heavy-duty blade
 - 7050-10: 10" cutting head
 - 7050-12: 12" cutting head
 - 7050-6: 6" cutting head
- One-year manufacturer's warranty on parts and labor



5700-UK

RIDE-ON SCRAPER



5700-UK Specifications

Power Supply	Battery	
Width	24.5"	62 cm
Height	50"	127 cm
Length	63"	160 cm
Weight*	2,383 lb	1,080.9kg
Removable Weight	185 lb front	83.9 kg front
Weight (machine only)	2,198 lb	997 kg
Speed	Up to 120 ft/min 160 ft/min for HS	up to 36.6 m/min 48.8 m/min for HS
Voltage	115	230
Frequency	60 Hz	50 Hz

*CE weight includes: tooling holder & transport wheels

Special Note: the 5700 can be ordered with lifting arms, to make jobsite maneuvering easier.

SAFETY

- A.** Automatic kill switch is triggered when the operator seat is vacant
- B.** Larger/deepened forklift pockets
- C.** E-stop knob for safety
- D.** Debris deflector protects machine from loose material

COMFORT

- E.** Ergonomic design includes movable foot pegs, taller handles, and an adjustable seat
- F.** Hinged hood system for easy access maintenance

PERFORMANCE

- G.** Precise hydraulic steering for maneuvering in tight spaces, zero turn radius
- H.** Quick-change swivel head blade holder
- I.** Optional dual-lift, hydraulic slide plate adjusts blade pitch and angle for continuous contact with the floor
- J.** Nonmarking tires
- K.** Twelve AGM 180-amp hour batteries provide 100 percent power, speed, and torque for 90 percent of the batteries' run cycle
- L.** Compact design fits through standard door frames and elevator doors
- M.** Front caster wheels allow increased maneuverability in tight spaces
- N.** LED light for increased visibility

INCLUDED WITH THE 5700-UK

- 5110-100: Transport Wheels
- 402929: 3/4 x 1-1/8 Wrench
- 73507-1: 7 ft extension cord
- Operating and Service Manuals

- Kit 5175 includes:
 - 6277-BU: 45 degree, 3" x 12" self-scoring, bevel up
 - 6284: 3" x 12" heavy-duty blade
 - 6285: 3" x 6" heavy-duty blade
 - 6286: 3" x 12" heavy-duty blade

- 7050-12: 12" cutting head
- 7050-6: 6" cutting head
- 7079-2: 2" x 6" angle shank w/ carbide tip
- One-year manufacturer's warranty on parts and labor



6700-UK

RIDE-ON SCRAPER



6700 Specifications		
Power Supply	Battery	
Width	24.5"	62 cm
Height	50"	127 cm
Length	63"	160 cm
Weight*	2,383 lb	1,080.9 kg
Removable Weight	185 lb front	84 kg front
Weight (machine only)	2,198 lb	997 kg
Speed	up to 160 ft/min	up to 48.8 m/min
Voltage	115	230
Frequency	60 Hz	50 Hz

*CE weight includes: tooling holder & transport wheels

This Ride-On Scraper is equipped with a larger hydraulic pump resulting in increased speeds, in the same compact machine

SAFETY

- A.** Automatic kill switch is triggered when the operator seat is vacant
- B.** Larger/deepened forklift pockets
- C.** E-stop knob for safety
- D.** Debris deflector protects machine from loose material

COMFORT

- E.** Ergonomic design includes movable foot pegs, taller handles, and an adjustable seat
- F.** Hinged hood system for easy access maintenance

PERFORMANCE

- G.** Precise hydraulic steering for maneuvering in tight spaces, zero turn radius
- H.** Quick-change swivel head blade holder
- I.** Optional dual-lift, hydraulic slide plate adjusts blade pitch and angle for continuous contact with the floor
- J.** Nonmarking tires
- K.** Twelve AGM 180-amp hour batteries provide 100 percent power, speed, and torque for 90 percent of the batteries' run cycle
- L.** Compact design fits through standard door frames and elevator doors
- M.** Front caster wheels allow increased maneuverability in tight spaces
- N.** LED light for increased visibility

INCLUDED WITH THE 6700-UK

- 5110-100: Transport Wheels
- 402929: 3/4 x 1-1/8 Wrench
- 73507-1: 7 ft extension cord
- Operating and Service Manuals

- Kit 5175 includes:
 - 6277-BU: 45 degree, 3" x 12" self-scoring, bevel up
 - 6284: 3" x 12" heavy-duty blade
 - 6285: 3" x 6" heavy-duty blade
 - 6286: 3" x 12" heavy-duty blade

- 7050-12: 12" cutting head
- 7050-6: 6" cutting head
- 7079-2: 2" x 6" angle shank w/ carbide tip
- One-year manufacturer's warranty on parts and labor



7700-UK

RIDE-ON SCRAPER



Powered by 12 200-amp hour batteries that exceed the industry standard, this machine is everything you need it to be. Bigger, heavier, and faster than the 5700, it is designed to remove difficult material and built to operate on almost any jobsite.

7700 Specifications

Power Supply	Battery	
Width	29.5"	74.93 cm
Height	50"	127 cm
Length	63"	160 cm
Weight*	2,733 lb	1,239.7 kg
Removable Weight	185 lb front	83.9 kg front
Weight (machine only)	2,548 lb	1,155.8 kg
Speed	up to 200 ft/min	up to 61 m/min
Voltage	115	230
Frequency	60 Hz	50 Hz

*CE weight includes: tooling holder & transport wheels

SAFETY

- A.** Automatic kill switch is triggered when the operator seat is vacant
- B.** E-stop knob for safety
- C.** Larger/deepened forklift pockets
- D.** Front debris deflector protects machine from loose material

COMFORT

- E.** Ergonomic design includes movable footpegs, taller handles, and an adjustable seat that allows for optimal operator comfort and the best possible line of sight.
- F.** Hinged hood system for easy-access maintenance

PERFORMANCE

- G.** Precise hydraulic steering for maneuvering in tight spaces, zero turn radius, and continuous torque for higher removal rates and greater productivity
- H.** Quick-change swivel head blade holder
- I.** Dual-lift, hydraulic slide plate adjusts blade pitch and angle for continuous contact with the floor; standard on the 7700
- J.** Nonmarking tires
- K.** AGM (Absorbed Glass Mat) batteries provide 100 percent power, speed, and torque for 90 percent of the batteries' run cycle
- L.** Compact design fits through standard door frames and elevator doors
- M.** Heavy-duty 3000 PSI wheel motors
- N.** Front caster wheels allow increased maneuverability in tight spaces
- O.** LED light for increased visibility on the jobsite

INCLUDED WITH THE 7700-UK

- 5110-100: Transport Wheels
- 402929: 3/4 x 1-1/8 Wrench
- 73507-1: 7ft extension cord
- Operating and Service Manuals
- Kit 5175 includes:
 - 6277-BU: 45 degree, 3" x 12" self-scoring, bevel up
 - 6284: 3" x 12" heavy-duty blade
 - 6285: 3" x 6" heavy-duty blade
 - 6286: 3" x 10" heavy-duty blade
 - 7050-12: 12" cutting head
 - 7050-6: 6" cutting head
 - 7079-2: 2" x 6" angle shank w/ carbide tip
- One-year manufacturer's warranty on parts and labor



5625-INT

RIDE-ON SCRAPER



5625-INT Specifications

Power Supply	Propane	
Width	26"	66 cm
Height	51"	129.5 cm
Length	63"	160 cm
Weight*	1,968 lb	892.7 kg
Removable Weight	455 lb	206.4 kg
Weight (machine only)	1,513 lb	686.3 kg
Speed	up to 200 ft/min	up to 61 m/min
HP	25	18.6 kW

*CE weight includes: tooling holder & transport wheels

**Weight may vary depending on fill level and size of propane tank on machine.

The 5625 is available with or without the Dual Lift. The Dual Lift feature adds operator controls for adjusting blade pitch and angle while remaining seated.

SAFETY

- A.** Automatic kill switch is triggered when the operator seat is vacant
- B.** Liquid-cooled Kawasaki engine is engineered with National's exclusive catalytic design for the industry's lowest emissions
- C.** Front debris deflector protects machine from loose material

COMFORT

- D.** Ergonomic design includes movable foot pegs, taller handles, and an adjustable seat and armrests that allow for optimal operator comfort and the best possible line of sight
- E.** Hinged hood system for easy-access maintenance

PERFORMANCE

- F.** Precise hydraulic steering for maneuvering in tight spaces, zero turn radius, and continuous torque for higher removal rates and greater productivity
- G.** Quick-change swivel head blade holder
- H.** Optional dual-lift, hydraulic slide plate adjusts blade pitch and angle for continuous contact with the floor
- I.** Larger/deepened forklift pockets
- J.** Nonmarking tires
- K.** Compact design fits through standard door frames and elevator doors
- L.** Improved exhaust system meets federal OSHA regulations
- M.** Front caster wheels allow increased maneuverability in tight spaces
- N.** LED light for increased visibility on the jobsite

INCLUDED WITH THE 5625-INT

- 5110-100: Transport Wheels
- 402929: 3/4 x 1-1/8 Wrench
- Operating and Service Manuals
- Kit 5175 includes:
 - 6277-BU: 45 degree, 3" x 12" self-scoring, bevel up
 - 6284: 3" x 12" heavy-duty blade
 - 6285: 3" x 6" heavy-duty blade
 - 6286: 3" x 10" heavy-duty blade
 - 7050-12: 12" cutting head
 - 7050-6: 6" cutting head
 - 7079-2: 2" x 6" angle shank w/ carbide tip
 - 7050-P: Propane Tanks (1)
 - 75007: CO detector (2)
 - 75008: Clip (2)
 - One-year manufacturer's warranty on parts and labor



8000-INT

RIDE-ON SCRAPER



This 2,842-pound scraper rivals other manufacturers' heavier machines. Different from scrapers that are powered using a hydrostat driver system, the 8000 offers the speed and power of propane while also combining patented carbide angle-shank technology with the added efficiency of dual-lift hydraulic slide plates. Consistent torque sets the operational standard for high removal rates, and each machine undergoes a rigorous quality assurance program including emissions certification.

8000-INT Specifications

Power Supply	Propane	
Width	30"	76 cm
Height	65.5"	166 cm
Length	63"	160 cm
Weight*	2,963 lb	1,344 kg
Removable Weight	1043 lb	473.1 kg
Weight (machine only)	1,920 lb	870.9 kg
Speed	up to 200 ft/min	up to 61 m/min
HP	25	18.6 kW

*CE weight includes: tooling holder & transport wheels

**Weight may vary depending on fill level and size of propane tank on machine.

SAFETY

- A.** Automatic kill switch is triggered when the operator seat is vacant
- B.** Larger/deepened forklift pockets
- C.** Liquid-cooled Kawasaki engine is re-engineered with National's exclusive catalytic design for the industry's lowest emissions
- D.** Front debris deflector protects machine from loose material

COMFORT

- E.** Ergonomic design includes movable foot pegs, taller handles, and an adjustable seat that allows for optimal operator comfort and the best possible line of sight
- F.** Hinged hood system for easy-access maintenance

PERFORMANCE

- G.** Precise hydraulic steering for maneuvering in tight spaces, zero turn radius, and continuous torque for higher removal rates and greater productivity
- H.** Quick-change swivel head blade holder
- I.** Dual-lift, hydraulic slide plate adjusts blade pitch and angle for continuous contact with the floor; standard on every 8000; this also adds on additional 150+ pounds of down pressure on the cutting head
- J.** 21-inch nonmarking tires
- K.** Compact design fits through standard door frames and elevator doors
- L.** Hydraulic brake system automatically engages when the machine is in the off position
- M.** Front caster wheels allow increased maneuverability in tight spaces
- N.** Improved exhaust system meets federal OSHA regulations
- O.** LED light for increased visibility on the jobsite

INCLUDED WITH THE 8000-INT

- 5110-100: Transport Wheels
- 402929: 3/4 x 1-1/8 Wrench
- Operating and Service Manuals
- Kit 5175 includes:
 - 6277-BU: 45 degree, 3" x 12" self-scoring, bevel up
 - 6284: 3" x 12" heavy-duty blade
 - 6285: 3" x 6" heavy-duty blade
 - 6286: 3" x 12" heavy-duty blade
 - 7050-12: 12" cutting head
 - 7050-6: 6" cutting head
 - 7079-2: 2" x 6" angle shank w/ carbide tip
- 74854: Weight, 37 pounds (10) (front)
- 400197: Weight, 28 pounds (9) (front)
- 402102: Weight, 84 pounds (4) (front)
- 5110-404: Weight, 75 pounds (1) (rear)
- 402139: Propane tanks (1)
- 75007: CO detector (2)
- 75008: Clip (2)
- 5700-88: Hour meter
- Instruction manual
- One-year manufacturer's warranty on parts and labor

RIDE-ON MACHINE ACCESSORIES

SWIVEL CUTTING HEAD ASSEMBLIES



Tough swivel heads rotate to ensure continuous blade contact with the floor. Flip it over to use the second sharp edge without having to remove it from the machine. Available in a full range of sizes, to fit any job.

Fits the following products: **4230, 5110, 5200QL, 5625, 5000, 5700®, 2900, 7700, and 8000**

- 7050-8RBH: 8-inch razor blade head
- 7050-12RBH: 12-inch razor blade head
- 7050-14RBH: 14-inch razor blade head
- 7050-6: 6-inch cutting head
- 7050-8: 8-inch cutting head
- 7050-10: 10-inch cutting head
- 7050-12: 12-inch cutting head
- 7050-14: 14-inch cutting head
- 7050-27: 27-inch cutting head
- 402239: 3/8 x 1-1/2 replacement retaining pin secures cutting head assemblies
- 73422: Cutting Head Bolt

4003228 HYDRAULIC SLIDE PLATE KIT



Adjust the height of the slide plate using the hydraulic hand control for precise angling. Comes standard on **7700** and **8000** ride-on scrapers

- No lifting, dismounting, or manual labor required to adjust plate height
- Adds 163 pounds of weight to the front of the machine, where it is most effective
- Available as an option on new ride-on machines or as a kit for existing ride-on

machines

7050-15 CUTTING HEAD EXTENSION

- Reaches under tight areas
- 17-inch length
- Cutting head sold separately



7074 TILE BOX

- For fast cleanup, debris collection, and removal, this box is made of high-abrasion alloy for long-lasting durability
- For use with 7050-27
- Size: 5 inches deep, 27 inches wide, 6 inches tall
- Cutting head sold separately



5110-100 TRANSPORT WHEELS

Quick and easy to attach, this assembly creates stability and safe transportation over any surface. Fits all National-brand ride-on machines.



70639 WHEEL COVERS

- Protective cover slips easily on and off wheels
- Sold individually
- Fits all National-brand ride-on machines

5700-88 HOUR METER



- Monitors the hours of usage
- Fits all National-brand ride-on machines.

400321 ARMREST



Fits all current National-brand ride-on machines

75007 LAPEL CARBON MONOXIDE MONITOR



Ships with the **5625** and **8000** machines. For jobsites where carbon monoxide could be present, this badge can detect as little as 100 ppm carbon monoxide gas at approximate relative humidity range of 33 to 50 percent. If the humidity is very high, it can detect concentrations as low as 20 ppm. The presence of CO changes the sensor from red to gray/black as the concentration level increases. Once the detector is exposed to fresh air, it will return back to red. Once opened, the badge lasts approximately 90 days. Adhesion strip on the back, or optional lapel clip mounts almost anywhere.

75008 LAPEL CARBON MONOXIDE CLIP



5204 BATTERY POWER PACK

Designed for high vibration and shock load, this battery pack makes the 5200QL a true "cordless" machine. The removable batteries can be changed so there is no need for downtime while recharging.

- Unique design eliminates acid spilling
- Designed for high vibration

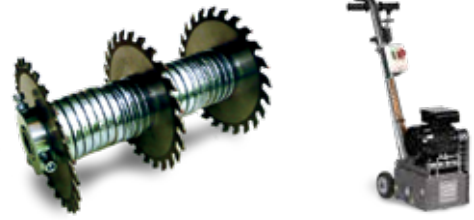
This battery pack runs to a deeper discharge than typical 75-amp hour battery packs and has the ability to take a rapid charge without affecting the cycle life.



BATTERY CHARGER

Exclusively designed to work with the **5200QL**. This high-performance battery charger is for use in demanding applications where optimal performance and service life are critical. It provides a complete charge in a short amount of time and works specifically with the 5204 power pack. Its 48-volt charger runs on 115-volt power

- 5212: 48 V, 60 Hz, 115 V
- 404062: 48 V, 50 to 60 Hz, 100 V (for Japan Only)



WOOD-SCORING SCARIFIER DRUM

This wood scoring drum attaches to National's scarifiers. It is an 8" drum, with three or five scoring blades. Using this on your scarifier eliminates the need to get down on your hands and knees to use a circular saw to score the wood.

- 402192: Drum with Three Blades
- 402191: Drum with Five Blades

73507-1

- 7-foot, 12-gauge extension cord for charging

WALK-BEHIND MACHINE ACCESSORIES



6280-505 SWIVEL HEAD ATTACHMENT

Optional swivel head attachment maintains 100 percent contact between the blade and the surface, maximizing production rates. Rotate the head 180 degrees to self-sharpen the blade during use.

- Holds blades of .062 or .094 thickness
- Works on thin, soft coatings, paint, hard-to-remove gummy or dry adhesives
- Ultimate adhesive removal
- Designed to fit on the **550**, **5280** and **6280-COM** walk-behind machines

6280-500 SWIVEL HEAD ATTACHMENT FOR RAZOR BLADES

Optional attachment keeps your blade in contact with the surface of the floor.

- Designed to fit on the **550**, **5280**, and **6280-COM** walk-behind machines

6251 LOADING RAMP

- 15" x 6'9"

402311 REPLACEMENT WHEEL PIN

- 5/16 x 2-1/16 replacement wheel pin for the **6280** and **6280HD**

CUTTING HEADS FOR THE 6280HD GLADIATOR

- 7280-6: 6-inch cutting head
- 7280-10: 10-inch cutting head
- 7280-12: 12-inch cutting head
- 7280-14: 14-inch cutting head
- 7280-12RBH: Razor blade head

7280-2C ANGLE ATTACHMENT

- 30-degree angle attachment for hard goods removal with the **6280HD**

402276

- 9 degree angle attachment

7280-4 RETAINER CAP ASSEMBLY

- Replacement assembly for **6280HD** shanks



Straight Shanks

Designed to remove ceramic, wood, and thick epoxy.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
7070-2	4" x 2" x .500"					X
7070-3	4" x 3" x .500"					X
7070-4	4" x 4" x .500"					X
7070-6	4" x 6" x .500"					X

Straight Shanks with Carbide Tip

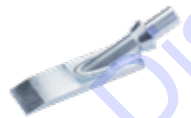
These shanks work with a similar application variety as the 7070 shanks. Perfect for elastomeric coatings



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
7072-2	4" x 2" x .500"					X
7072-3	4" x 3" x .500"					X
7072-4	4" x 4" x .500"					X
7072-6	4" x 6" x .500"					X

Wood Floor Shanks

For hardwood floor removal; fits the 6280HD Gladiator only.



Part #	Dimensions
7082-8	2.5" x 8"

Ultra HD Angle Shank with Removable Carbide Tip

Designed for removing hard goods with your ride-on scraper, this shank features removable and sharpenable carbide tips. For maximum efficiency, the operator can exchange tips and sharpen them later



Part #	Includes
403112	2" Ultra HD shanks, 3 carbide tips, set screws and tool
402394	3 carbide tips, set screws, and tool
402601	Sharpening holder; designed for efficiency, this will allow you to safely hold the carbide tip while it is sharpened

Angle Shanks

Designed to remove ceramic, wood, and thick epoxy.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
7071-2	4" x 2" x .500"					X
7071-3	4" x 3" x .500"					X
7071-4	4" x 4" x .500"					X

Angle Shank with Carbide Tip

These shanks are designed for ceramic removal and thin-set re-scraping. The 552 angle shank with carbide tip is designed for light-duty commercial- and residential-grade ceramic tile and hard good removal.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
552	4" x 2" x .312"	X				
7281-12	4" x 2" x .312"				X	
7281-1	6" x 1" x .500"				X	
7281-2	6" x 2" x .500"				X	
7079-2	6" x 2" x .500"					X
7079-4	6" x 4" x .500"					X
7079-6	6" x 6" x .500"					X

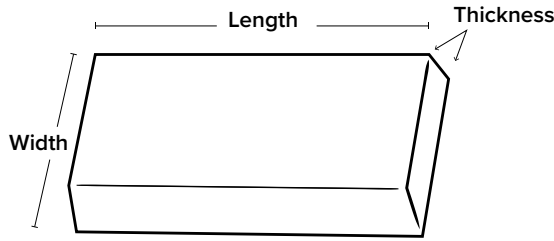
A 551 shank holder is required to attach the 552 shank to the 550 walk-behind scraper.

Tapered Wood Floor Shank

The longer taper works great on tough wood floors (glued and nailed). The long length allows the blade to easily slide under tough materials.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
7075-8	8" x 2" x .300"					X
7075-11	11" x 2" x .300"					X
7077-8	8" x 3.5" x .300"					X
7077-11	11" x 3.5" x .300"					X



Guillotine Blades



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
6285-GT	3.75" x 6" x .094"	X	X	X	X	X
6284-GT	3.75" x 12" x .094"	X	X	X	X	X
6290-GT	3.75" x 6" x .187"					X
6292-GT	3.75" x 12" x .187"					X

1086 Blades

These Japanese-style blades are the ideal choice for challenging jobs.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
401982	3" x 14" x .094"	X	X	X	X	X
401983	3" x 27" x .094"					X
401978	4" x 24" x .094"					X
401980	4" x 27" x .094"					X

Standard Blades

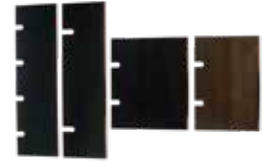


These heavy-duty blades are designed to remove soft goods, carpet, and vinyl flooring. Their .062" thickness offers flexibility to maximize the shear-point angle.

Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
147	4" x 6" x .062"	X	X	X	X	X
148	5" x 6" x .062"	X	X	X	X	X
135	5" x 16" x .062"	X	X	X	X	X
136	5" x 8" x .062"		X	X	X	X

Blades with Slots

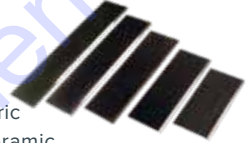
These slotted heavy-duty blades are designed to remove soft goods, carpet, and vinyl flooring.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
130-S	3" x 10" x .062"	X	X	X	X	
131-S	3" x 16" x .062"	X	X	X	X	

Heavy-Duty Blades

These heavy-duty blades work on VCT, VAT, wood, tile, rubber, epoxy, elastomeric coatings, scraping thin-set, and glued ceramic.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
6281	3" x 8" x .094"	X	X	X	X	X
6282	3" x 14" x .094"	X	X	X	X	X
6283	3" x 27" x .094"					X
6284	3" x 12" x .094"	X	X	X	X	X
6285	3" x 6" x .094"	X	X	X	X	X
6286	3" x 10" x .094"	X	X	X	X	X
6240	4" x 6" x .094"	X	X	X	X	X
6241	4" x 8" x .094"	X	X	X	X	X
6242	4" x 12" x .094"	X	X	X	X	X
6243	4" x 15" x .094"	X	X	X	X	X
6244	4" x 24" x .094"					X
6245	4" x 10" x .094"	X	X	X	X	X
6246	4" x 27" x .094"					X

Extra Heavy-Duty Blades

They work on VCT, VAT, wood, tile, lighter ceramic, re-scraping thin-set, all carpets, cork, elastomeric coatings, and re-scraping rubber and urethane coatings.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
6270	1.5" x 3" x .250"					X
6271	3" x 6" x .250"					X
6273	3" x 11" x .250"					X
6290	3" x 6" x .187"	X	X	X	X	X
6291	3" x 8" x .187"	X	X	X	X	X
6292	3" x 12" x .187"	X	X	X	X	X
6293	3" x 14" x .187"					X
6294	3" x 27" x .187"					X

1-Inch Blades

Designed for VCT and adhesive re-scrape. They also work well for parking deck coatings, epoxy, and elastomeric coatings.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
7091	1" x 4" x .094"				X	X
7092	1" x 8" x .094"				X	X
7093	1" x 10" x .094"				X	X
7094	1" x 12" x .094"				X	X

This blade requires a razor blade cutting head.

Razor/Scrapper Blades

Designed for superhard thin epoxies, thin mil coatings (like urethane paint), poured elastomeric coatings up to 60 mil, and hard to remove adhesives.

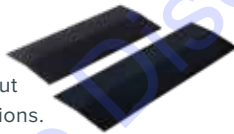


Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
363-2	.750" x 8" x .032"	X	X	X	X	X
368-8	.937" x 8" x .045"	X	X	X	X	X
368-12	.937" x 12" x .045"	X	X	X	X	X
368-15	.937" x 15" x .045"	X	X	X	X	X

Sold in packs of 50. This blade requires a razor blade cutting head

Increased Angle Blades

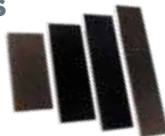
These blades are mainly used for VCT, but they can be used on most other applications.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
7081	3" x 10" x .062"	X	X	X	X	
7083	3" x 8" .062"	X	X	X	X	

Premium High-Tempered Blades

They work on all glued-down carpets, VCT, VAT, rubber tile, cork, and rescrapping adhesive and elastomeric coatings.



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
7050-200	3" x 6" x .062"	X	X	X	X	X
7050-201	3" x 8" x .062"	X	X	X	X	X
7050-202	3" x 10" x .062"	X	X	X	X	X
7050-203	3" x 12" x .062"	X	X	X	X	X
7050-204	3" x 14" x .062"	X	X	X	X	X
7050-205	3" x 27" x .062"					X

Double-Edge Blades



Part #	Dimensions (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
130-D	3" x 10" x .062"	X	X	X	X	
147-D	4" x 6" x .062"	X	X	X	X	
148-D	5" x 6" x .062"	X	X	X	X	

Self-Scoring Blades

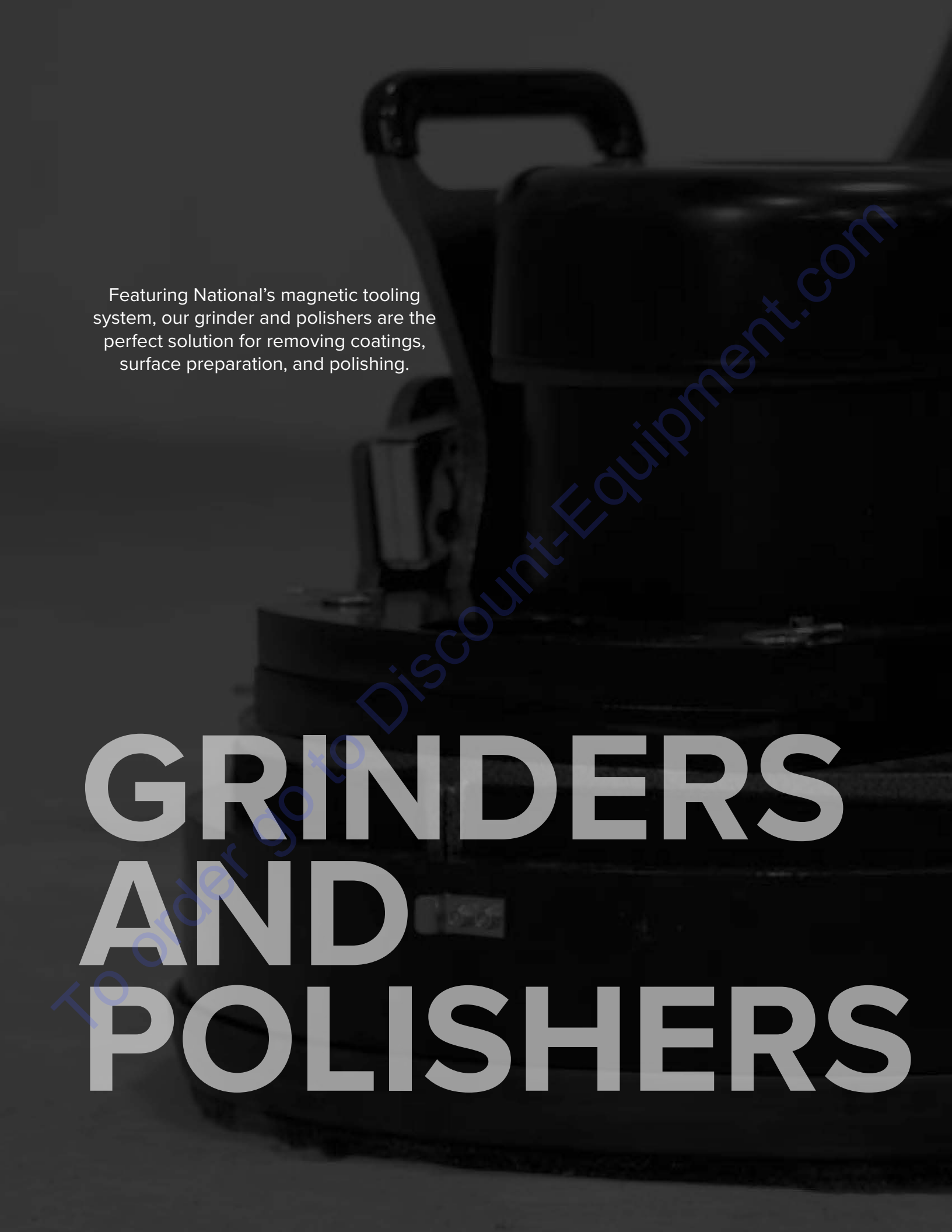
These angled self-scoring blades work on attached cushion, unitary or secondary backing, vinyl back, soft to medium PVC, linoleum, carpet tiles, soft cork, enhancer, and unibond hot melts.



Part #	Description (W x L x Thickness)	550	5280	6280	6280HD	Ride-On
6255-BU	: Blade, Self-scoring 90 degree, 4" x 6" x .062", BU	X	X	X	X	
6257-BU	: Blade, Self-scoring 90 degree, 3" x 9" x .062", BU	X	X		X	X
6258-BU	: Blade, Self-scoring 90 degree, 3" x 12" x .062", BU	X	X	X	X	X
6259-BU	: Blade, Self-scoring 90 degree, 3" x 14" x .062", BD		X	X	X	X
6260-BD	: Blade, Self-scoring 90 degree, 3" x 6" x .094, BD				X	X
6265-BD	: Blade, Self-scoring 90 degree, 3" x 8" x .094", BD	X	X		X	X
6266-BD	: Blade, Self-scoring 90 degree, 3" x 10" x .094", BD	X	X		X	X
6276-BU	: Blade, Self-scoring 45 degree, 3" x 10" x .094", BU	X			X	X
6277-BU	: Blade, Self-scoring 45 degree, 3" x 12" x .094", BU	X	X	X	X	X
6278-BU	: Blade, Self-scoring 45 degree, 3" x 14" x .094", BU		X	X	X	X
6279-BU	: Blade, Self-scoring 45 degree, 3" x 27" x .094", BU					X
6247-BU	: Blade, Self-scoring 90 degree 4" x 10" x .094", BU	X	X		X	X
6249-BU	: Blade, Self-scoring 90 degree, 4" x 12" x .094", BU	X	X	X	X	X
6248-BU	: Blade, Self-scoring, 90 degree, 4" x 24" x .094", BU					X
6256-BU*	: Blade, Self-scoring, 90 degree, 4" x 6" x .062" x 4"h, BU		X		X	X
6261-BU*	: Blade, Self-scoring 90 degree, 3" x 12" x .062" x 4"h, BU	X				X
6262-BU**	: Blade, Self-scoring 90 degree, 4" x 6" x .094 x 4"h, BU		X		X	X
6264-BU**	: Blade, Self-scoring 90 degree, 3" x 12" x .094" x 4"h, BU	X	X	X	X	X

* Designed for double-stick carpet and soft goods removal applications

** NEW, thicker self-scoring blades



Featuring National's magnetic tooling system, our grinder and polishers are the perfect solution for removing coatings, surface preparation, and polishing.

GRINDERS AND POLISHERS

HELIX®-UK

PASSIVE PLANETARY GRINDER



Designed for small jobs and tough-to-reach spaces, this 16-inch planetary grinder creates the perfect profile for new coatings. This easy-to-operate machine has a built-in edge grinder, dual-speed operation, an adjustable handle, and a floating dust skirt for maximum efficiency.

HELIX® Specifications

Width	17.5"	44.5 cm
Disk Size	16"	41 cm
Max. Height	47.6"	120.9 cm
Min. Height	29.4"	74.4 cm
Max. Length	47"	119.4 cm
Min. Length	27.9"	70.9 cm
Weight	206 lb	93 kg
Grinding Pressure	128 lb	58 kg
Drum RPM	High/Low Speed: 304/171 (120V/60 Hz) High/Low Speed: 291/164 (230V/50Hz)	
Motor RPM	High/Low Speed: 3339/1871 (120V/60 Hz) High/Low Speed: 3200/1800 (230V/50 Hz)	
Motor Phase	Single	
HP	1.5	
Amps	120V/60 Hz 12 amps	230V/50 Hz 6.3 amps

SAFETY

- A.** Quick-release levers allow the machine to be separated into two pieces for easy transport
- B.** LED light illuminates the surface directly behind the machine

COMFORT

- C.** Fully adjustable handle accommodates a range of operating positions

PERFORMANCE

- D.** Capable of edge grinding on the left or right side of the machine by rotating the side of the dust skirt up, allowing the operator to grind within a half inch of the wall
- E.** Removable weights give the operator the freedom to increase or decrease head pressure when grinding
- F.** 16-inch grinding plate incorporates a floating tooling assembly that allows the cutting head to follow the contours of the floor; the tooling assembly rotates 180 degrees for easy tooling changes
- G.** Dual-speed motor increases the versatility of this machine; operating at high or low speed

INCLUDED WITH THE HELIX®

- 404021: Magnetic tooling holder (3)
- 9245 Velcro adapter (3 each)
- 403231 Floating dust skirt
- 402757: Helix Grind & Scraper Plate
- One-year manufacturer's warranty on parts and labor
- Operating and Service Manual

RECOMMENDED ACCESSORIES

We recommend pairing your Helix planetary grinder with the DL2000 dust collector and DLS2000 pre-separator.

We also recommend the Helix Scarifier Tooling for extra tough removals.



PLANETARY GRINDER TOOLING AND ACCESSORIES

PCDS AND CARBIDES

Part #	Description	Best Uses
9555	2-UP PCD- MICRO	Remove heavy stock, adhesive, thin set, and epoxies
9557	4-UP PCD- MICRO	
9554	1-UP PCD- 1/2 ROUND	
9556	2-UP PCD- 1/2 ROUND	
7268-2	CARBIDES	Remove coatings, glue, thin set, and thin mastics
9521	CARBIDE & TOOLING HOLDER	Use to attach the above tooling to National Grinders
9550	SCREW	Use to attach tooling to the above holder
9500	BLANKS	



METAL BOND DIAMONDS

Perfect for leveling concrete high spots and repairing imperfections as well as creating the perfect profile for accepting new coatings and epoxies, or preparing concrete for polishing.

Part #	Description	Best Uses
FULL BAR DIAMOND INSERTS		
9508-16	16 GRIT	Remove epoxy as well as heavy and light sealers
9508-16SB	16 GRIT	Remove various coatings, and profiles on HARD concrete only
9508-30	30 GRIT	Remove light sealers
9508-30SB	30 GRIT	Remove various coatings, and profiles on HARD concrete only
HALF BAR DIAMOND INSERTS		
9507-6	3 GRIT	Remove thin epoxy, paint, adhesives, and sealers
9507-12	12 GRIT	Remove thin epoxy, paint, adhesives, and sealers
9507-16	16 GRIT	Remove thin epoxy, paint, adhesives, and sealers
9507-16HB	16 GRIT	Remove various coatings, and profiles on SOFT concrete only
9507-30	30 GRIT	Removes sealers and preps concrete for polishing
9507-30HB	30 GRIT	Remove various coatings, and profiles on SOFT concrete only
PROFILING DIAMOND INSERTS		
9510-30	30 GRIT	Prep high-/moderate-density concrete for reapplication
9510-50	50 GRIT	Prep concrete for polishing
9510-120	120 GRIT	Prep concrete for polishing
SUPER SOFT, SINGLE BAR DIAMOND INSERTS		
9504-25	25 GRIT	Extremely aggressive coating removal with supersoft matrix for hard concrete or heavy cure and seal treatments, perfect for breaking surface tension



BRAZED TRAPEZOID DIAMONDS

Used primarily in light industrial and residential applications for concrete grinding and profiling as well as sealer and top coat removal. Provide excellent surface profiles for new coatings, epoxies, or stains. Also create exceptional profiles prior to polishing concrete.

Part #	Description	Best Uses
9522-16	16 GRIT	Remove paint, stain, and sealers; prep concrete for reapplication
9522-30	30 GRIT	Prep concrete for reapplication and polishing
9522-50	50 GRIT	Prep concrete for reapplication and polishing
9522-100	100 GRIT	Prep concrete for polishing



5-INCH BRAZED DIAMONDS

Part #	Description	Best Uses
9235-16	16 GRIT	Remove thin epoxy, paint, stain, adhesives, and heavy sealers
9235-30	30 GRIT	Remove adhesives, heavy and light sealers
9235-50	50 GRIT	Create a "broom finish" on soft concrete surfaces; first stage to polishing concrete
9235-100	100 GRIT	Create a "broom finish" on soft concrete surfaces; first stage to polishing concrete



5-INCH POLISHING PADS

Used for polishing concrete to various finishes and shines. Resin bond. Available in escalating grits. These polishing pads are for use with all National planetary grinders

Part #	Description	Best Uses
9267-50	50 GRIT	Achieve a "no reflection" polished concrete
9267-100	100 GRIT	Follow 9267-50 to create a "little reflection" polished concrete
9267-200	200 GRIT	Follow 9267-100 to create a "moderate reflection" polished concrete
9267-400	400 GRIT	Follow 9267-200 to create a "satin reflection" polished concrete
9267-800	800 GRIT	Follow 9267-400 to create a "shine" polished concrete
9267-1500	1500 GRIT	Follow 9267-800 to create a "high shine" polished concrete
9267-3000	3000 GRIT	Follow 9267-1500 to create a "mirror" polished concrete



9267-50



9267-100



9267-200



9267-400



9267-800



9267-1500



9267-3000

ACCESSORIES

402757 HELIX® GRIND AND SCRAPE PLATE

The deluxe Helix Grind and Scraper Plate is the most versatile prepping plate in the industry. This magnetic tooling system converts from aggressive grinding and scraping to passive planetary for diamond grinding, carbide/PCD scraping, polishing, and sanding. The Morflex couplers allow the plate to follow the contour of the floor

- Fits the Helix
- Rigid plate mount allows for aggressive grinding and scraping
- Passive planetary tooling creates random scratch pattern
- Polishes and sands without leaving swirl marks
- Morflex couplers reduce the shock to the operator and the machine
- Follows the contour of the floor for uniform operation in low spots
- For use with machines large enough to accept a 16-inch plate with a standard 3 1/4-inch hub
- Converts from grinding to scraping to polishing to sanding in seconds
- Includes three satellite plates that are easily attachable/detachable with cotter pins
- Has a sliding latch that makes the mounting/dismounting of the plate quick and easy



73250 TOOLING HOLDER MOUNTING SCREW

73214 FLOATING ISOLATOR ASSEMBLY MOUNTING SCREW

401882 MORFLEX COUPLER

73081 HELIX® SAFETY SCREW

73097 8274-4 SAFETY SCREW

403978: HELIX CLUTCH PLATE



GP500-UK

CONCRETE GRINDER AND POLISHER



GP500 Specifications		
Width	22.8"	58 cm
Height	48	122 cm
Length	50"	127 cm
Cleaning Path	23"	58 cm
Weight	449.7 lbs	204 kg
Tooling RPM	390-585 RPM	
Motor Phase	Three	
Frequency	60 Hz	50 Hz
HP	7.5 HP	5.6 kW
Voltage	380 V	
Amps	16 A	

- A.** Magnetic LED light to illuminate front of machine or your cleaning path
- B.** Easy disassembly of machine into two sections for easy transportation
- C.** Transport poles for increased jobsite access
- D.** Easily accessible external breakers
- E.** On-board USB charger and phone carrier
- F.** Height adjustable handle for optimal operation and transportation
- G.** Cord management system for increased jobsite efficiency
- H.** 30L water tank
- I.** Equipped with single, rubber disc coupler to offer increased lifespan over traditional, Morflex coupler
- J.** Grinding head = 118 kg, Handle = 59 kg, Two pocket weights = 13.6 kg each

INCLUDED WITH THE GP500

- 230 Volt, Single Phase plug comes on machine, additional receptical included as well

RECOMMENDED ACCESSORIES

We recommend pairing your GP500 grinder with the DL3000 dust collector and DLS3000 preseparator.

GP700-UK

CONCRETE GRINDER AND POLISHER



The new and improved GP700 grinder and polisher is ideal for prepping concrete floors for topical coatings, overlays, and adhesive while also providing the variety of tooling and power needed to deliver a beautifully polished floor.

GP700 Specifications

Width	27.25"	68.6 cm
Height	37.5"	95 cm
Length	56.5"	143 cm
Cleaning Path	27"	68.6 cm
Weight	800 lb	363 kg
Grinding Pressure with Weights	440 lb	200 kg
Tooling RPM	390-585 RPM	
Motor Phase	Three	
Frequency	50 Hz	
HP	7.5	5.6 kW
Voltage	380 V	
Amps	16 A	

SAFETY

- A.** Handle transport wheels incorporated for easy loading and unloading
- B.** Four removable side weights for additional head pressure

COMFORT

- C.** Adjustable/foldable handle allows for compact transport and operator comfort when in use

PERFORMANCE

- D.** Adjustable shroud incorporates a brush for a 360-degree air intake
- E.** Rear spring suspension allows for a more even prep over uneven surfaces
- F.** Forward/rear locking pitch-adjustable axle that allows the operator to change the angle of the head pressure from the front to the back to compensate for incline/declines on uneven surfaces
- G.** Soft, regular, or hard couplers available for varying floor conditions
- H.** New stainless steel, 7-gallon water tank
- I.** Control box includes variable-speed soft start, forward and reverse functionality

GP700 ESTIMATED PRODUCTION RATES

- Mastic Removal: 350 square feet per hour / 106 sq m/hr
- Thin-set Removal: 400 square feet per hour / 122 sq m/hr
- Mil-coatings Removal: 200 square feet per hour / 61 sq m/hr
- Concrete Polishing: 450 square feet per hour / 137 sq m/hr

INCLUDED WITH THE GP700

- 30 feet of power cord

RECOMMENDED ACCESSORIES

We recommend pairing your GP700 grinder with the DL3000 or DL4000 dust collector and DLS3000 preseparator.

GP2000-UK

CONCRETE GRINDER AND POLISHER



GP2000 Specifications

Width	24"	61 cm
Height	48"	122 cm
Length	67.7"	172 cm
Cleaning Path	22.5"	56 cm
Weight	800 lbs	363 kg
Tooling RPM	500-740	
Motor Phase	Three	
Frequency	50 Hz	
HP	7.5 kW	
Voltage	380 V	
Amps (Draw)	14 A	
Amps (Circuit)	20 A	

- A.** Optimal for jobs exceeding 460 square meters
- B.** Durable, stainless steel water tank
- C.** Wet/dry setup
- D.** Variable Drive
- E.** 75.7L Water Tank

GP3000-UK

CONCRETE GRINDER AND POLISHER

The GP3000 grinder and polisher is ideal for prepping concrete floors for topical coatings, overlays, and adhesive while also providing the variety of tooling and power needed to deliver a beautifully polished floor. The 28-inch cleaning path and increased grinding head pressure makes this an ideal machine for commercial and industrial projects.



GP3000 Specifications

Width	29.5"	75 cm
Height	52"	132 cm
Length	72.25"	183 cm
Cleaning Path	28"	71 cm
Weight	1,425 lb	646 kg
Grinding Pressure with Weights	1,090 lb	494 kg
Tooling RPM	385-600	
Motor Phase	Three	
Frequency	50 Hz	
HP	25 HP	18.6 kW
Voltage	380 V	
Amps	63 A	

*GP3000SP, a self-propelled version of this grinder, is also available.

SAFETY

- A.** Handle transport wheels incorporated for easy loading and unloading
- B.** Four removable side weights for additional head pressure; positioning weights into handle pockets reduces head pressure for easy mobility

COMFORT

- C.** Adjustable/foldable handle allows for compact transport and operator comfort when in use

PERFORMANCE

- D.** Adjustable shroud incorporates a brush for a 360-degree air intake
- E.** Rear spring suspension allows for a more even prep over uneven surfaces
- F.** Soft, regular, or hard couplers available for varying floor conditions
- G.** New stainless steel, 20-gallon water tank
- H.** Control box includes variable-speed soft start, forward and reverse functionality

GP3000 ESTIMATED PRODUCTION RATES

- Mastic Removal: 1,000 square feet per hour / 305 sq m/hr
- Thin-set Removal: 1,500 square feet per hour / 457 sq m/hr
- Mil-coatings Removal: 750 square feet per hour / 229 sq m/hr
- Concrete Polishing: 2,500 square feet per hour / 762 sq m/hr

INCLUDED WITH THE GP3000

- 30 feet of power cord

RECOMMENDED ACCESSORIES

We recommend pairing your GP3000 with the DL7000 dust collector. Required Accessories with the DL7000: 403073 (QTY 1) - Hose, 76mm, 15 meters.

GP6000-UK

CONCRETE GRINDER AND POLISHER



GP6000 Specifications

Width	54.7"	139 cm
Height	54"	137 cm
Length	80"	203 cm
Cleaning Path	53.5"	136 cm
Weight	2300 lbs	1043 kg
Tooling RPM	400-760	
Motor Phase	Three	
Frequency	60 Hz	50 Hz
HP	40	30 kW
Voltage	230	380 V
Amps (Draw)		46
Amps (Circuit)		63 A

- A.** Optimal for jobs exceeding 20,000 sq ft
- B.** 10 pocket weights to control grinding head pressure
- C.** Stainless steel guards with four dust collector ports
- D.** Handle separates from gear case allowing both parts to fit through a 36" door
- E.** Integrated speed shift system

COUNTER-ROTATIONAL GRINDER TOOLING

PREP PACKAGES

WEDGE

SOFT CONCRETE

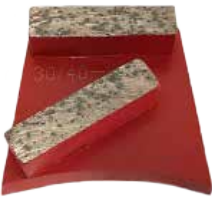


501020-H
20 Grit, 2 Seg, Hard Bond

501040-H
40 Grit, 2 Seg, Hard Bond

501070-H
70 Grit, 2 Seg, Hard Bond,

MEDIUM CONCRETE



501020-M
20 Grit, 2 Seg, Medium Bond

501040-M
40 Grit, 2 Seg, Medium Bond

501070-M
70 Grit, 2 Seg, Medium Bond

HARD CONCRETE



501020-S
20 Grit, 2 Seg, Soft Bond

501040-S
40 Grit, 2 Seg, Soft Bond

501070-S
70 Grit, 2 Seg, Soft Bond

PUCK

SOFT CONCRETE



501025-HP 25 Grit, 4 Seg, Hard Bond

501040-HP 40 Grit, 4 Seg, Hard Bond

501080-HP 80 Grit, 4 Seg, Hard Bond

MEDIUM CONCRETE



501025-MP 25 Grit, 4 Seg, Medium Bond

501040-MP 40 Grit, 4 Seg, Medium Bond

501080-MP 80 Grit, 4 Seg, Medium Bond

HARD CONCRETE



501025-SP 25 Grit, 4 Seg, Soft Bond

501040-SP 40 Grit, 4 Seg, Soft Bond

501080-SP 80 Grit, 4 Seg, Soft Bond

POLISHING PACKAGES

SOFT CONCRETE



MEDIUM CONCRETE



HARD CONCRETE



BONUS TOOLING



501030-2
25/30 Grit, 2 Seg



501016-10
16 Grit, 10 Seg



501030-10
30 Grit, 10 Seg



501925
Lippage Holder

403232
Quick Change Tooling Plate



501020-PCD
20 Grit, PCD



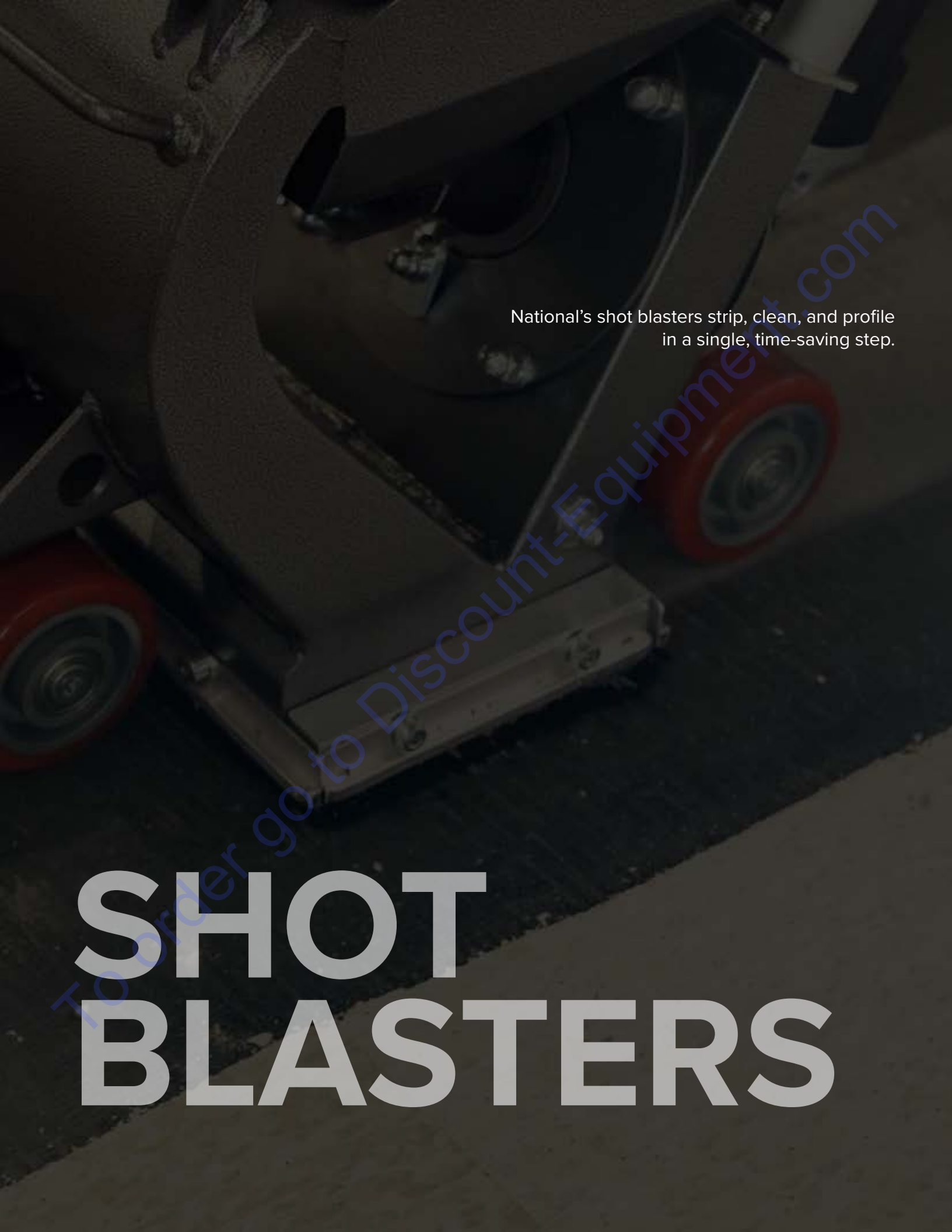
501000-PCD-L
Left Hand PCD, Rough Profile



501000-PCD-R
Right Hand PCD, Rough Profile



501926
Velcro Adapter



National's shot blasters strip, clean, and profile
in a single, time-saving step.

SHOT BLASTERS

A95-UK

8-INCH MANUAL SHOT BLASTER



The A95 is the first in National's Apex® series of shot blasters. It is compact and versatile machine, ideal for small to midsize applications.

A95 Specifications		
Width	12"	30 cm
Blasting Width	8"	20 cm
Max. Height	41"	104 cm
Min. Height	34"	86 cm
Max. Length	43.4"	110 cm
Min. Length	37"	94 cm
Weight	121 lb	54 kg
Speed	Manual	
Blasting Capacity	430 sq ft/hr	
Voltage	115	
HP	1.5	1.12 kW
Amps	17	

*20A breaker required

COMFORT

- A.** Height-adjustable handle with built-in operator controls
- B.** Front swivel casters increase maneuverability and control for a more uniform and consistent profile

PERFORMANCE

- C.** Squeezing the shot valve handle starts the blast wheel while simultaneously opening the shot valve; shot valve closes and blast wheel ceases automatically when the operator is not present.
- D.** Maximizes separation of dust from the abrasive
- E.** Close-faced blast wheel design directs more steel abrasive to the surface, resulting in lower maintenance costs



PAIRED WITH THE A95

For maximum efficiency when shotblasting the A95 pairs with the DL2000 dust collector. Full specifications on page 64

ACCESSORIES

Optional accessories include the A95 shot blast kit. Refer to page 57 for a detailed list of contents.

A96-UK

8-INCH SHOT BLASTER

National's A96 is a variable speed, self propelled shot blaster that combines elements of traditional blasting and new innovation. The unique joystick control increases productivity and allows for more responsive handling.



A96 Specifications		
Width	13.5"	34 cm
Height	44"	112 cm
Length	57.5"	146 cm
Blasting Width	8"	20.3 cm
Weight	350 lb	159 kg
Blasting Capacity	up to 860 sq ft/hour	up to 80 sq m/hr
Voltage	230	415
Amps (Circuit)	30	16
HP	5.3 HP	

SAFETY

- A.** Hose & cord management system
- B.** Front and rear lights illuminate blasting path and work area

COMFORT

- C.** Unique joystick control allows responsive and intuitive handling
- D.** Built from durable Manganese steel that becomes stronger and more durable over time
- E.** Adjustable handle height and joystick platform allow for infinite operating positions

PERFORMANCE

- F.** Improved design moves intuitively with you when you turn
- G.** Reverse operation of this machine allows more control over positioning, direction, and line overlapping
- H.** Control bolt allows precision adjustment of control valve depending on desired CSP



PAIRED WITH THE A96

For maximum efficiency when shotblasting the A96 pairs with the DL3000P dust collector. Full specifications on page 66

ACCESSORIES

Optional accessories include the A96 shot blast kit. Refer to page 57 for a detailed list of contents.

A97-UK

SHOT BLASTER

National's A97 adds to our tradition of strong manufacturing. This machine combines the best aspects of our traditional shot blasting with new features designed to increase efficiency and productivity on the job. Built from the strongest Manganese steel that becomes stronger as it hardens over time.



A97 Specifications		
Width	15.25"	39 cm
Height	44"	112 cm
Length	63"	160 cm
Speed	up to 2,000 sq ft/hr	up to 185 sq m/hr
Weight	430 lb	195 kg
Blasting Width	10"	25.4 cm
Voltage	230	415
Amps (Circuit)	30	16
HP	10	

SAFETY

- A.** Hose & cord management system
- B.** Front & rear lights illuminate blasting path and work area

COMFORT

- C.** Unique joystick control allows responsive and intuitive handling
- D.** Machine angle allows for easy edging
- E.** Built from durable Manganese steel that becomes stronger and more durable over time
- F.** Adjustable handle height and joystick platform allow for infinite operating positions

PERFORMANCE

- G.** Improved design moves intuitively with you when you turn
- H.** Reverse operation of this machine allows more control over positioning, direction, and line overlapping
- I.** Control bolt allows precision adjustment of control valve depending on desired CSP
- J.** Design is pitched slightly to the left which allows for edging within 1/8" of the wall
- K.** Integrated brake mechanism locks drive wheel for safety when machine is off



PAIRED WITH THE A97

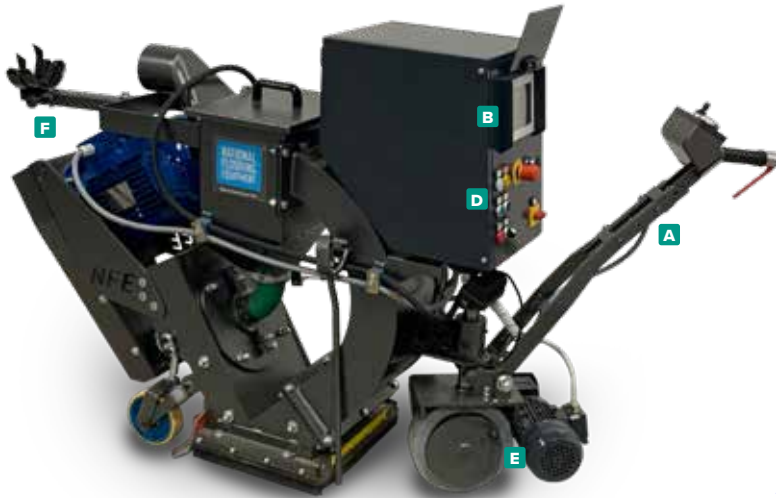
For maximum efficiency when shotblasting the A97 pairs with the DL4000P dust collector. Full specifications on page 68

ACCESSORIES

Optional accessories include the A97 shot blast kit. Refer to page 60 for a detailed list of contents.

A98

12-INCH SHOT BLASTER



This new shot blaster features an innovative LCD display with cloud connectivity allowing for remote troubleshooting, software updates, and operating and service manuals. Programmable by language, this display will also show your speed per minute, amp draw, and more.

A98 Specifications

Width	18"	45 cm
Blasting Width	12"	30 cm
Height	46"	116 cm
Length	79"	200 cm
Weight	930 lb	420 kg
Speed	0-121 ft/min	0-37 m/min
Blasting Capacity	up to 656 sq ft/min	up to 200 sq m/min
Voltage	230/460	
Motor Phase	Three	

COMFORT

A. Adjustable handle height for operator comfort

PERFORMANCE

B. 7" LCD Display features smart technology for remote troubleshooting, software updates, operating and safety manuals

C. Blast wheel features replaceable blades

D. Phase rotation indication light ensure blast motor is turning in the correct direction

E. In-place drive wheel pin for drive- and free-wheel won't get lost or misplaced

SAFETY

F. Incorporates retractable hose and cord management system for cleaner operation

G. Transport mode and lift system built in

H. Integrated braking system

SHOT BLAST ACCESSORIES



A95 ACCESSORIES

A95 Kit

Available as a Kit or Individual Parts

404147	Toolbox 20" x 9" x 9"	404150	Hex key wrench 6 mm	400413	Abrasive control cable
404149	Open wrench 10 mm	1009	Safety Glasses	400458	2 x Brush, side LH & RH
404148	Open wrench 13 mm	404330	Blast wheel kit 165 mm	400457	2 x Brush, front & rear
404153	Universal Socket - 24 mm	400473	Top liner	404154	Wrench, open, 17 mm
404152	Slotted screwdriver 6"	400410	RH Liner	404155	Ratchet, 1/2"
404151	Hammer	400409	LH Liner	404235	Wrench, open, 11 mm

Additional Support Parts

3395-201001726	2-Inch Reducer	401868	Belt
3395-201001725	4-Inch Reducer		
3395-201001724	6-Inch Reducer		

A96 ACCESSORIES

A96 Kit

Available as a Kit or Individual Parts

404147	Toolbox 20" x 9" x 8"	404150	Hex key 6 mm	404392	Front Brush
404148	Open wrench 13 mm	1009	Safety Glasses	405010	V-ribbed belt
404149	Open wrench 10 mm	404330	Blast wheel kit 165 mm	404870	Blast Wheel Adapter
404154	Open wrench 17 mm	404400	Top liner	405112	Bottom Liner
404155	Ratchet 1/2"	405111	RH liner	405003	Screw, Blast Wheel
404152	Slotted screwdriver 6"	405110	LH liner	405231	Socket 13 mm
404151	Hammer	404603	Side brush (2)		

A97 ACCESSORIES

A97 Kit

Available as a Kit or Individual Parts

404147	Toolbox 20" x 9" x 8"	404150	Hex key wrench 6 mm	404648	LH liner (small)
404149	Open wrench 10 mm	1009	Safety Glasses	404647	Bottom liner
404148	Open wrench 13 mm	404330	Blast wheel kit 165 mm	404603	Side brush (2)
404154	Open wrench 17 mm	404361	Top liner	404604	Front brush
404155	Ratchet 1/2"	404646	RH liner	404870	Blast Wheel Adapter
404152	Slotted screwdriver	404645	LH liner	405003	Screw, Blast Wheel
404151	Hammer	404649	RH liner (small)	405231	Socket 13 mm
404540	Belt				

SHOT BLAST ACCESSORIES



6551 HEAVY-DUTY MAGNETIC SHOT SWEEPER

This sweeper is ideal for steel shot, and it picks up metal debris and easily. Includes:

- Release handle
- Height-adjustable settings of 1, 2, and 3 inches
- Wheeled construction makes it easy to push across surfaces
- 24-inch magnet, 25-inch width



6553 14-INCH MAGNETIC SHOT SWEEPER

The push-type sweeper is made with a powerful ceramic magnet and durable aluminum frame and handle. It features a 14-inch sweeping width, 6 inch wheels, and a quick release handle to make picking up nails, screws, and other metal debris easy.

- Sweeping Width: 14"
- Overall width: 15.125"
- Height: 42"
- Shipping weight: 21 lb
- Approx. lb pull: 400 lb



6552 24-INCH MAGNETIC SHOT SWEEPER

This push-type sweeper is made with a powerful ceramic magnet and durable aluminum frame and handle. It features a 24-inch sweeping width, 6-inch wheels, and a quick release handle to make picking up nails, screws, and other metal debris easy.

- Sweeping width: 24"
- Overall Width: 30.25"
- Height: 42"
- Shipping weight: 41 lb
- Approx. lb pull: 400 lb



6555 HAND MAGNET

Handheld magnet designed for loading and unloading media into shot blast machines.

SHOT

- 3404: S-280, 50-pound bag
- 3411: S-330, 50-pound bag

MISCELLANEOUS

- 3477-204000590: Hose adapter
- 3398-201000494: Rear seal



SCARIFIERS

Designed for heavy-duty bulk concrete removal, coating removal, and overlayment and thin-set removal.



Spartan 220

8-INCH SCARIFIER



Spartan 220 comes equipped with a specialty drum system designed to remove paint, thin mill coatings, line striping, carpet adhesives, and other refined applications.

Spartan 220 Specifications

Machine Width	14.5"	37 cm
Milling Width	8"	20 cm
Height	41"	104 cm
Length	35.4"	90 cm
Weight	125.7 lb	57 kg
Voltage	230	
Hz	60	
Phase	Single	
RPM	3440	
Motor	2.99 HP	2,2 kW

SAFETY

- A. Tubular handle includes dust collection inlet for a nearly dustless operation
- B. Spring-loaded, rear-locking brake

COMFORT

- C. Convenient lifting points on the front

PERFORMANCE

- D. Adjustable knob precisely aligns depth and contact pressure settings
- E. Quick-change drum system; balanced drums turn at 2148 RPM for high productivity and accurate results

WOOD-SCORING SCARIFIER DRUM

This wood scoring drum attaches to National's scarifiers. It is an 8" drum, with three or five scoring blades. Using this on your scarifier eliminates the need to get down on your hands and knees to use a circular saw to score the wood.

- 402192: Drum with Three Blades
- 402191: Drum with Five Blades



SCARIFIER ACCESSORIES

Scarifier Accessories:



402166
Cutters, HMR-5.40 (kit)



402167
Washers, HMR-5.40 (kit)



402170
Cutters, TMO-7.15 (kit)



402171
Washers, TMO-7.15 (kit)



402212
Cutters, TSR-5.5 (kit)



402194
Cutters, TSR-7.5 (kit)



402195
Washers, TSR-5.5 et TSR-7.5 (kit)

402164
Belt



402173
Drum and shaft for HMT and TMO



402165 COMPLETE DRUM LOADED WITH HMR-5.40 CARBIDE 5-PIN CUTTER

- Designed for thin and hard material removal
- Applications include roughening, abrading, leveling, grooving, bulk concrete removal, high spot removal, curled joints, thick coating and overlayment removal

402168 COMPLETE DRUM LOADED WITH TMO-7.15 SOLID CARBIDE MILLING CUTTER

- Designed for the removal of thick and soft thermoplastics, line stripes, and traffic markings on concrete and asphalt

402211 COMPLETE DRUM LOADED WITH TSR-5.5 STAR WHEEL/SOLID CARBIDE

- Designed for the removal of thin and hard materials
- Applications include removal of paint, coatings, adhesive removal, plastic coatings, and dirt; light concrete preparation
- These star wheel cutters leave a "shotblasted-like" profile



402192 WOOD-SCORING SCARIFIER DRUM

This wood-scoring drum attaches to National's Spartan 220 scarifier. It is an 8-inch drum, with three scoring blades. Using this on your scarifier eliminates the need to get down on your hands and knees to use a circular saw to score the wood.

TSR CUTTERS

Steel cutters, or "TSR" cutters, are known for their versatility; they are designed to take up everything from thin mil coatings and glues to mastics, line striping, and rust off steel decks, as well as do general concrete preparation. They leave a shot-blast like profile.

TMO CUTTERS

Milling cutters, or "TMO" cutters, are designed to remove thicker, softer materials while doing minimal damage to the underlying surface. These cutters efficiently remove epoxy coatings, thermoplastics, line striping, waterproofing membranes, and general scarifying applications. TMO cutters are made of tungsten and are best applied when the underlying surface needs a very light profile.

HMR CUTTERS

Tungsten carbide cutters, or "HMR" cutters, are the workhorses of the cutter world. Commonly used for leveling high spots on concrete or asphalt, grooving concrete, tough line removal applications, sidewalk trip hazards, and stubborn thin-set removal, these cutters are most common on jobsites requiring a tough removal. HMR cutters will leave a rough profile on concrete, and will last longer than standard steel cutters.

National offers the industry's widest selection of machines to control and collect dust. Ideal for use on any jobsite, they contain and collect powder, wood dust, concrete dust, and many other worksite by-products creating a safer work environment for all.

DUST CONTROL & DUST COLLECTORS

To order go to Discount-Equipment.com

Ion1K, Ion4K™

CLEAN AIR COMPANION



National's series of ionizers are compact machines that electronically charge the air in the room, driving dust and other contaminants rapidly to the ground in a manner that is safe for the user and the environment. They operate with little input from the user so you can spend more time focusing on the task at hand.

This machine does not produce ozone.

SAFETY

- A. Locking caster wheels
- B. Pre filter and main filter protect internal components of machine

PERFORMANCE

- C. Multi-speed fan flexible for varying jobsites
- D. Simple control panel
- E. Sturdy handles for easy transportation



Specifications	Ion1K		Ion4K™	
Width	14.5"	37 cm	20.5"	52 cm
Height	19.7"	50 cm	28.7"	73 cm
Length	22.8"	58 cm	25.2"	64 cm
Weight	40 lb	18 kg	132.3 lb	60 kg
Power	220 W, Single Phase		300 W, Single Phase	
Capacity	up to 15,000 ft cubed		up to 53,000 ft cubed	

ACCESSORIES

- 404937: Pre-Filter
- 404938: Framed Pre-Filter
- 404939: Main Filter

DL2000-UK

DUST COLLECTOR



The new DL2000 is precisely engineered, contractor tested, and designed with the highest control calibrations on rugged steel frames with washable integrated filters. These filters are simple to maintain and reinforced in a sturdy float-and-flow system. The dust collector exceeds HEPA standards and is equipped with a Longopac bagging system.

DL2000 Specifications		
Width	20"	50 cm
Height	47"	120 cm
Length	22"	56 cm
Weight	121.6 lb	55.2 kg
Voltage	115	100/110V
Frequency	60 Hz	50/60 Hz
Vacuum Pressure	88.6" H ₂ O	2.5 m H ₂ O
Air Movement	235 CFM	400 m ³ /h
Filter Area	32.3 sq ft	30,000 sq cm
Filter Efficiency	99.995 @ .14 microns	
Noise Emission (dBA)	74	
Inlet	2"	50 mm

SAFETY

- A. Individually tested HEPA filter with a minimum efficiency of 99.995 percent at 0.14 microns; a rugged steel frame provides support during transport and use
- B. Heavy-duty, anti-static collection hose provides durability and safety

PERFORMANCE

- C. Primary filter
- D. State-of-the-art telescoping side arms for a highly portable machine that can be packed away easily for storage, or expanded for use

INCLUDED WITH THE DL2000

- 402494: Inlet slide damper, OD 1.97"
- 402517: Hose connector 40 mm
- 402519: Hose adapter 50 mm
- 402520: Hose reducer 50 mm - 38 mm
- 402522: Hose adapter 38 mm
- 402523: Floor wand, 38 mm
- 402524: Floor brush, 38 mm
- 402518 Antistatic PVC hose d. 50 mm, 7.5 m
- 402521 Antistatic PVC hose d. 38 mm, 7.5 m
- Operating and Service Manuals

RECOMMENDED ACCESSORIES

- 402473 Longopac bagging system replacement.
- 402467 Primary filter
- 402471: HEPA filter

DLS2000 : PRE-SEPARATOR

Capture the majority of dust and debris prior to it reaching your dust collector filters. This unique addition greatly extends the life of your dust collector filters and allows for extended running time, increasing your production while saving money and time on filter replacement. Designed on casters so that it can easily move with your surface preparation equipment.



DL3000-UK

DUST COLLECTOR



The DL3000 is precisely engineered and designed with calibrations on rugged steel frames with washable integrated filters. These filters are simple to maintain and reinforced in a sturdy float-and-flow system. Equipped with a Longopac bagging system, the DL3000 exceeds HEPA standards. This new age of dust control power is another display of our dedication to you and your valuable assets.

DL3000 Specifications		
Width	25.6"	65 cm
Height	63"	160 cm
Length	31"	80 cm
Weight	154.32 lb	70 kg
Voltage	230	
Phase	Single	
Frequency	50-60 Hz	
Vacuum Pressure	98.4" H ₂ O	2.5 m H ₂ O
Air Movement	318 CFM	600 m ³ /h
Filter Area	32.3 sq ft	30,000 cm ²
Filter Efficiency	99.995 @ .14 microns	
Noise Emission (dBA)	75	
Inlet	3.15"	80 mm

SAFETY

A. Included with the machine is an individually tested HEPA filter with a minimum efficiency of 99.995 percent at 0.14 microns; a rugged steel frame provides support during transport and use

PERFORMANCE

B. Primary filter

C. Heavy-duty, anti-static collection hose provides durability and safety

INCLUDED WITH THE DL3000

- 402519: Hose adapter 50 mm
- 402525: Hose adapter, 80 mm - 50 mm
- 402526: Hose connector 76 mm
- 402528: Floor wand, 50 mm
- 402529: Floor brush, 50 mm
- 402518 Antistatic PVC hose d. 50mm, 7.5m
- 402521 Antistatic PVC hose d. 38mm, 7.5m
- Operating and Service Manuals

RECOMMENDED ACCESSORIES

- 402473 Longopac bagging system replacement. Sold in a 4-pack
- 402469 Primary Filter

DLS3000: PRE-SEPARATOR

Capture the majority of dust and debris prior to it reaching your dust collector filters. This unique addition greatly extends the life of your dust collector filters and allows for extended running time, increasing your production while saving money and time on filter replacement. Designed on casters so that it can easily move with your surface preparation equipment.



DL8000-UK

DUST COLLECTOR

The DL8000 is ideal for pairing with National's largest shot blasters, like the A98 and A99.



DL8000 Specifications

Width	34"	86 cm
Height	60"	158.9 cm
Length	72"	181.4 cm
Weight	992 lb	450 kg
Voltage	230V/460V Auto-Switching	
Phase	3	
Hz	60	
Vacuum Pressure	24" H ₂ O	61 cm H ₂ O
Air Movement	941 CFM	1,600 m ³ /h
Filter Area	72 ft sq (primary) 26 ft sq (HEPA)	22 m sq (primary) 8 m sq (HEPA)
Filter Efficiency	99.95 @ .18 microns	
Inlet	5.9"	150 mm

SAFETY

A. HEPA filter guarantees filtration of the smallest particles

PERFORMANCE

B. 2 anti-static, polyester cartridge filters help reduce clogging when picking up high quantities of dust, while maintaining minimal operating cost

C. Continuous auto pulse cleaning system features an integrated compressor, controlled by an internal timer, cleans each cartridge intermittently

D. The machine features sturdy steel construction and pivoting wheels with a braking system for optimal safety and maneuverability

E. All components of the dust collector are protected by the frame

F. Blower operates with minimal noise

G. Convenient side access allows for quick filter changes

INCLUDED WITH THE DL7000

- Inlet 76mm (QTY 1)
- Inlet 130mm (QTY 1)
- Inlet 150mm (QTY 1)
- Rolling dust bin (QTY 1)

OPTIONAL ACCESSORIES

- 403073: Hose, 76mm, 15 meters
- 404596: Hose, Dust Collector, 130mm ID x 15m
- 404597: Hose, Dust Collector, 150mm ID x 15m
- 404719: Clamp, Hose, 5-7"
- 403940: Clamp, Hose, 3", Metal
- 404763: Kit, Blast Gate, 76mm
- 404756: HEPA Filter

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