

GENERAL TOOL

**THE NEW
CONCRETE
PREPARATION
& POLISHING
SYSTEM FROM**

GENERAL TOOL

FG7500 7.5HP PLANETARY GRINDER

The FG7500 7.5HP grinder is ideal for large residential and medium-sized commercial jobs. It features a planetary grinding system with 3 heads for maximum productivity on large-scale jobs. Unlike its competitors that use only one very expensive main belt, FG7500 7.5HP uses five automotive timing belts to relieve stress on the belt and to achieve a smoother running of the machine. Another advantage of using automotive timing belts is that users easily can purchase new belts at any auto parts store – saving time and money. The grinder is powered by a 7.5HP Siemens motor, and the enhanced overall motor speed (1800rpm) makes for superior polishing in the higher grits. It features ergonomic handles

for easy maneuverability, and to make programming easier the handlebars have been equipped with upgraded controls.

Another enhancement is wider and smoother wheels placed further apart for increased stability. The FG7500 also includes a new and improved inverter and a detachable water tank, adding flexibility for wet or dry grinding.

Backed by our industry-leading 3 year/2,500 hour limited warranty*.



FG-7500

SPECIFICATIONS

Length	39.4"
Width	24"
Height	29.6"
Weight	620 lbs.
Motor Output	7.5 HP
Grinding Head Size	24"
# of Plates	3
Phases	1
Power	220V
# of Speeds	Variable w/ Soft Start

FG5000 5HP PLANETARY GRINDER

The FG5000 5HP grinder is ideal for large residential and medium-sized commercial jobs. It features a planetary grinding system with 3 heads for maximum productivity on large-scale jobs. Unlike its competitors that use only one very expensive main belt, FG5000 5HP uses five automotive timing belts to relieve stress on the belt and to achieve a smoother running of the machine. Another advantage of using automotive timing belts is that users easily can purchase new belts at any auto parts store – saving time and money. The grinder is powered by a 5HP Siemens motor, and the enhanced overall motor speed (1800rpm) makes for superior polishing in the higher grits. It features ergonomic handles for easy maneuverability, and to make programming easier

the handlebars have been equipped with upgraded controls. Another enhancement is wider and smoother wheels placed further apart for increased stability. The FG7500 also includes a new and improved inverter and a detachable water tank, adding flexibility for wet or dry grinding. Backed by our industry-leading 3 year/2,500 hour limited warranty.*



FG-5000

SPECIFICATIONS

Length	38"
Width	21"
Height	26.4"
Weight	454 lbs.
Motor Output	5 HP
Grinding Head Size	20"
# of Plates	3
Phases	1
Power	220V
# of Speeds	Variable w/ Soft Start

EG1000 EG500 EDGE GRINDER

The **EG-1000** edge floor grinding machine is ergonomically designed and allows the user to grind in a upright position, helping to eliminate fatigue, backaches, and job site injuries. The most efficient edge grinder in the market. • Operates with 7" handheld grinder (optional) • Safer operating • Easily connects to a vacuum system • Easy transportation • 45 lbs frame weight • Equipped with headlight for operation in dim areas • Heavy Duty body construction • Control and apply pressure to the center of the tool with guide handle • Easy grinding to the edge. Front arm has multiple position pin to get into tight areas.



EG-1000

SPECIFICATIONS

Length	25"
Width	23.6"
Height	40.5"
Weight	53 lbs.
Grinding Head Size	7"
# of Plates	1

EG-500

SPECIFICATIONS

Length	25"
Width	12"
Height	10"
Weight	30 lbs.
Grinding Head Size	7"
# of Plates	1



7" Optional Grinder (Hand Grinder) (Hand Grinder that attaches to frame)

The Hand Grinder is a quality hand-held grinder designed specifically for concrete prep and coatings removal. The heavy-duty design of the Hand Grinder provides solid performance when grinding for concrete preparation along walls, around protrusions, and those hard-to-access areas, and offers great dependability for removing epoxies and mastics when utilizing appropriate grinding disks and wheels.

HAND GRINDER

SPECIFICATIONS

Grinding Width	7"
Production Capacity	150/200 sq.ft/hr
Motor	6600 rpm
Voltage	120V, 1ø, 60 Hz
Amperage	15A
Power Cord	6 ft. (1.8m)
Dust Hose Connection	2"
Weight	Net 9 lbs
Dimensions	19" L x 4.5" W x 5" H without handle attached

DC3300 DC350LM DC350LA DUST EXTRACTOR

To ensure a dust-free floor, the DC-3300 dust extractor is a powerful, highly efficient 2 stage vacuum system that collects all sizes of dust particles and prevents clogging by depositing large grit particles into the first canister and the small grit particles in the main canister.

DC-3300

SPECIFICATIONS

Width (smaller unit)	22"
Height (smaller unit)	39"
Width (larger unit)	27"
Height (larger unit)	49"
Weight (net)	182 lbs
Cubic Feet Per Minute(CFM)	330
Filter Cleaning	manual
Power	110V / 50Hz
HEPA	standard
Water Lift	91"

FREE SEPARATOR & FLOOR ATTACHMENTS INCLUDED

DC-350LM/DC-350LA

SPECIFICATIONS

Width (smaller unit)	26"
Height (smaller unit)	66"
Weight (net)	152 lbs
Cubic Feet Per Minute(CFM)	330
Filter Cleaning	manual & auto
Power	110V standard 220V optional
HEPA	standard
Water Lift	106"



GRINDING TOOLS F.A.S.T. SYSTEM AND POLISHING PADS

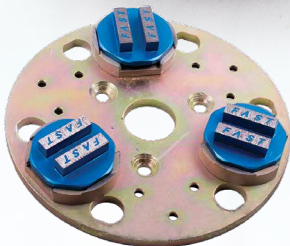
F A S T
FLEXIBLE ANGLE SEGMENT TECHNOLOGY



F.A.S.T. SYSTEM

NOT JUST ANOTHER CONCRETE POLISHING SYSTEM

Our Proprietary F.A.S.T. (Flexiblae Angle Segment Technology) System makes changing segments fast and easy. It is the only system with user selectable segment angle. With each segment angle producing different grinding speed and surface finish, user can select the best segment angle for the job at hand.



METAL SEGMENT					PCD SEGMENT
APPLICATION	CONCRETE VERY HARD	HARD	MEDIUM HARD	SOFT	ADHESIVE, URETHANE, EPOXY, PAINT REMOVAL
GRIT					
16/18	HS10P1618ARQC	HS20P1618ARQC	HS30P1618ARQC	HS40P1618ARQC	PCDT1RQC
30/40	HS10P3040ARQC	HS20P3040ARQC	HS30P3040ARQC	HS40P3040ARQC	
60/80	HS10P6080ARQC	HS20P6080ARQC	HS30P6080ARQC	HS40P6080ARQC	PCDT2RQC
120/150	HS10P120150ARQC	HS20P120150ARQC	HS30P120150ARQC	HS40P120150ARQC	

SEGMENT CONFIGURATIONS



HORIZONTAL

Aggressiveness: ●●●●○
Scratch Pattern: rough scratch pattern
Ideal for grinding down or surface re-coating



SLANT

Aggressiveness: ●●●○●
Scratch Pattern: shallow, smooth scratch pattern
Ideal for preparing floor for polishing/finishing



COMBINATION: VERTICAL & SLANT

Aggressiveness: ●●○●○
Scratch Pattern: shallowest & smoothest scratch pattern
Delivers best surface finish while maintaining aggressive grinding speed



VERTICAL

Aggressiveness: ●○○○○
Scratch Pattern: shallowest & smoothest scratch pattern
Ideal for showroom and other high-end applications

AGGRESSIVENESS SCALE

- Most aggressive grinding
- Aggressive grinding
- Best transitional grinding
- Least aggressive grinding

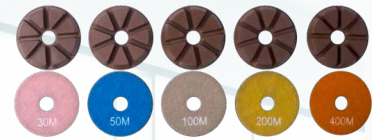


HYBRID METALLIC POLISHING PADS

Utilizes a hybrid bond of metal and resin to remove any remaining scratches and prepare the floor for final polishing.

Available in 30-400 grit sizes.

GRIT SIZE	PART #	DIAMETER
GRIT 30	PRMD030030A	3"
GRIT 50	PRMD030050A	
GRIT 100	PRMD030100A	
GRIT 200	PRMD030200A	
GRIT 400	PRMD030400A	



RESIN POLISHING PADS

Used as a final polish, the resin bonded pads are specially designed for a slow wear rate, ensuring long pad life.

Available in 50-3000 grit sizes.

GRIT SIZE	PART #	DIAMETER
GRIT 50	PRDD030050A	3"
GRIT 100	PRDD030100A	
GRIT 200	PRDD030200A	
GRIT 400	PRDD030400A	
GRIT 800	PRDD030800A	
GRIT 1500	PRDD031500A	
GRIT 3000	PRDD033000A	



DRY WHITE RESIN POLISHING PAD

Used as a final polish, the resin bonded pads are specially designed for a slow wear rate, ensuring long pad life.

Available in 50-3000 grit sizes.

GRIT SIZE	PART #	DIAMETER
GRIT 50	PRPD030050A	3"
GRIT 100	PRPD030100A	
GRIT 200	PRPD030200A	
GRIT 400	PRPD030400A	
GRIT 800	PRPD030800A	
GRIT 1500	PRPD031500A	
GRIT 3000	PRPD033000A	



DUAL-PURPOSE RESIN PADS

Velcro with interchangeable pads with varying diamond grit for grinding and polishing of concrete, cement overlays, and stone floors. We offer seven different grit sizes, from 50 to 3000. Once you finish with one grit size, simply pull off and put on the next pad. This eliminates the need to change the entire pad every time.



GRIT SIZE	PART #	DIAMETER	GRIT SIZE	PART #	DIAMETER	GRIT SIZE	PART #	DIAMETER	APPLICATION
GRIT 50	EPPSLC070050A	7"	GRIT 50	EPPSLC090050A	9"	GRIT 50	EPPSLC110050A2	11"	GRINDING
GRIT 100	EPPSLC070100A								
GRIT 200	EPPSLC070200A								
GRIT 400	EPPSLC070400A	7"	GRIT 400	EPPSLC090400A	9"	GRIT 400	EPPSLC110400A2	11"	HYBRID-GRINDING POLISHING
GRIT 800	EPPSLC070800A								
GRIT 1500	EPPSLC071500A								
GRIT 3000	EPPSLC073000A	7"	GRIT 800	EPPSLC090800A	9"	GRIT 800	EPPSLC110800A2	11"	POLISHING
GRIT 1500	EPPSLC071500A								
GRIT 3000	EPPSLC073000A								

BURNISHING PADS

Diamond coated pads for cleaning and polishing a wide range materials such as Natural stone, Engineered stone, Terrazzo, Polished concrete. These pads will help keep your floor clean and shiny, reducing long-term maintenance costs.

GRIT SIZE	PART #	DIAMETER	GRIT SIZE	PART #	DIAMETER
GRIT 400	EPBNSP170400A	17"	GRIT 400	EPBNSP240400A	24"
GRIT 800	EPBNSP170800A				
GRIT 1500	EPBNSP171500A				
GRIT 3000	EPBNSP173000A	17"	GRIT 3000	EPBNSP243000A	24"
GRIT 400	EPBNSP200400A				
GRIT 800	EPBNSP200800A				
GRIT 1500	EPBNSP201500A	20"	GRIT 1500	EPBNSP241500A	27"
GRIT 3000	EPBNSP203000A				
GRIT 400	EPBNSP210400A				
GRIT 800	EPBNSP210800A	21"	GRIT 800	EPBNSP270800A	27"
GRIT 1500	EPBNSP211500A				
GRIT 3000	EPBNSP213000A				





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gtdiamond.com
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