



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

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 (DV Hand Grinder)
(Hand Grinder that attaches to frame)

The DV Hand Grinder is a quality hand-held grinder designed specifically for concrete prep and coatings removal. The heavy-duty design of the DV 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.

DV 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~~ST

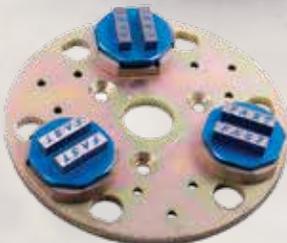
FLEXIBLE ANGLE SEGMENT TECHNOLOGY



F.A.S.T. SYSTEM

NOT JUST ANOTHER CONCRETE POLISHING SYSTEM

Our Proprietary F.A.S.T. (Flexible 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	FGPDV-1618-05-CHC	FGPDV-1618-1-HC	FGPDV-1618-2-MC	FGPDV-1618-4-SC	FGPDV-PCD1
30/40	FGPDV-3040-05-CHC	FGPDV-3040-1-HC	FGPDV-3040-2-MC	FGPDV-3040-4-SC	FGPDV-PCD1
60/80	FGPDV-6080-05-CHC	FGPDV-6080-1-HC	FGPDV-6080-2-MC	FGPDV-6080-4-SC	FGPDV-PCD2
120/150	FGPDV-120150-05-CHC	FGPDV-120150-1-HC	FGPDV-120150-2-MC	FGPDV-120150-4-SC	FGPDV-PCD2

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	3MPPD-30	3"
GRIT 50	3MPPD-50	
GRIT 100	3MPPD-100	
GRIT 200	3MPPD-200	
GRIT 400	3MPPD-400	



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	3PPPD-50	3"
GRIT 100	3PPPD-100	
GRIT 200	3PPPD-200	
GRIT 400	3PPPD-400	
GRIT 800	3PPPD-800	
GRIT 1500	3PPPD-1500	
GRIT 3000	3PPPD-3000	



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	3WPPD-50	3"
GRIT 100	3WPPD-100	
GRIT 200	3WPPD-200	
GRIT 400	3WPPD-400	
GRIT 800	3WPPD-800	
GRIT 1500	3WPPD-1500	
GRIT 3000	3WPPD-3000	



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	07DPPPWD-50	7"	GRIT 50	09DPPPWD-50	9"	GRIT 50	11DPPPWD-50	11"	GRINDING
GRIT 100	07DPPPWD-100								
GRIT 200	07DPPPWD-200								
GRIT 400	07DPPPWD-400	7"	GRIT 400	09DPPPWD-400	9"	GRIT 400	11DPPPWD-400	11"	HYBRID-GRINDING POLISHING
GRIT 800	07DPPPWD-800								
GRIT 1500	07DPPPWD-1500								
GRIT 3000	07DPPPWD-3000	7"	GRIT 3000	09DPPPWD-3000	9"	GRIT 3000	11DPPPWD-3000	11"	POLISHING
GRIT 800	09DPPPWD-800								
GRIT 1500	09DPPPWD-1500								

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	17BPPWD-400	17"	GRIT 400	24BPPWD-400	24"
GRIT 800	17BPPWD-800				
GRIT 1500	17BPPWD-1500				
GRIT 3000	17BPPWD-3000	17"	GRIT 3000	24BPPWD-3000	24"
GRIT 400	20BPPWD-400				
GRIT 800	20BPPWD-800				
GRIT 1500	20BPPWD-1500	20"	GRIT 1500	27BPPWD-1500	27"
GRIT 3000	20BPPWD-3000				
GRIT 400	27BPPWD-400				
GRIT 800	27BPPWD-800	20"	GRIT 800	27BPPWD-800	27"
GRIT 1500	27BPPWD-1500				
GRIT 3000	27BPPWD-3000				
GRIT 400	21BPPWD-400	21"	GRIT 400	27BPPWD-400	27"
GRIT 800	21BPPWD-800				
GRIT 1500	21BPPWD-1500				
GRIT 3000	21BPPWD-3000				



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