



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

FG7500 7.5HP PLANETARY GRINDER

The FG7500 7.5HP grinder is a powerful machine ideal for large residential and medium-sized commercial jobs. It features a planetary grinding system with three heads for ultimate performance 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 and achieve a smoother operation of the machine. Replacement belts can easily be purchased at any auto parts store – a further advantage saving the user both 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 upgraded handlebar controls for convenient programming. Another enhancement is wider and smoother wheels placed further apart for increased stability. The FG7500 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

Although smaller in size and power, the FG5000 5HP grinder shares many of the exceptional features of the FG7500. Its easy maneuverability makes it ideal for both residential and commercial jobs. Like its larger sibling it features the high-performing planetary grinding system with three heads and also uses the five automotive timing belts that relieve stress and achieve a smoother operation of the machine. The grinder is powered by a 5HP Siemens motor, and the enhanced overall motor speed (1800rpm) makes for superior polishing in the higher grits. The ergonomic handles further facilitate the easy maneuverability of the machine and the upgraded handlebar controls makes for convenient programming. The FG5000 also features the wider and smoother wheels placed further apart for

increased stability and includes the new and improved inverter and 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 an 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 in those hard-to-access areas. It also offers great reliability 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 two-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. The most powerful single-phase dust extractors, DC-350LM and DC-150LM, are also available.

**FREE SEPARATOR &
FLOOR ATTACHMENTS
INCLUDED**

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" |

DC-350LM

SPECIFICATIONS

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

DC-150LM

SPECIFICATIONS

| | |
|-----------------------------------|--------------------------------|
| Width (smaller unit) | 22" |
| Height (smaller unit) | 58" |
| Weight (net) | 132 lbs |
| Cubic Feet Per Minute(CFM) | 224 |
| Filter Cleaning | manual |
| Power | 110V standard 220V optional |
| HEPA | standard |
| Water Lift | 106" |



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

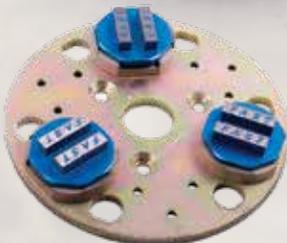
FAST
FLEXIBLE ANGLE SEGMENT TECHNOLOGY



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, users 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 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 | 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 sizes 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 of materials such as natural stone, engineered stone, Terrazzo, and 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 | 24BPPWD-1500 | 24" |
| GRIT 3000 | 20BPPWD-3000 | | | | |
| GRIT 400 | 27BPPWD-400 | | | | |
| GRIT 800 | 27BPPWD-800 | 27" | 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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866.322.4078