

16 GRINDERS FOR YOUR LARGE & SMALL PROJECTS

Technical data to help choose your next grinder.



1. LAVINA 38GRE GRINDER FROM SUPERABRASIVE

One of the biggest propane grinders on the market, the L38GRE combines size and power with ease of use. It is remote-controlled and loaded with user-friendly features: integrated weights, three 13.2-in. heads, water system plus misting for dust suppression, LED lights, transportation wheel, a Blue Sky engine with closed loop fuel management, low emissions, and more.

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
Lavina 38GRE	69" x 40" x 63"	1,585 lbs.	35 hp, Kawasaki FX1000V	n/a, propane powered	36.5"	603-898 lbs (built in weights)	Planetary	Yes



2. THE LAVINA 32E GRINDER

L32E is a 32-in. heavy duty, powerful grinder from the Lavina Elite Series, ideal for large commercial projects, including everything from prep to polishing. It is a forced planetary machine, with three 13.2-in. grinding heads, and equipped with integrated weights, water system plus misting for dust suppression, LED lights, transportation wheel, and more. Offered in 230V and 480V models.

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
Lavina 32E	63" x 37" x 63"	1,455 lbs.	20 hp	3 Phase, 200-240, 60 Amp	32"	562-878 lbs. (built in weights)	Planetary	Yes

3. LAVINA 16E COMPACT GRINDER FROM SUPERABRASIVE

One of Superabrasive's newest elite grinders, the Lavina 16 is a lightweight and compact planetary grinder with three 7-in. heads and variable speed, suitable for small residential and commercial projects. The frame folds for easy transportation and storage, and it can also be easily detached from the grinding head for loading, etc. Offered in 115V and 230V models.

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
Lavina 16E	31" x 20" x 34"	216 lbs.	2.45 hp	1 Phase, 115 V	16"	148-180 lbs. (can add weights)	Planetary	No



4. EDCO 2EC-NG - MAGNA-TRAP DUAL DISC FLOOR GRINDER

Strip, grind and remove with EDCO's Magna-Trap Dual-Disc Grinder. The 2EC-NG is idea for production grinding and floor cleaning in large and small areas. Perfect for light cleaning, removing mastics, thinset epoxies, urethanes as well as leveling high spots and lightly texturing slippery concrete.

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
2EC-NG, Magna-Trap Dual-Disc Floor Grinder	46" x 27" x 37"	258 lbs.	1.5 hp, 115/220V	16/8	22"		Non-planetary	No

5. THE M-SERIES ELECTRIC SURFACE GRINDER LINE

The SG24EM from General Equipment features a 2-horsepower electric motor that operates from a 115 VAC, 60Hz, single-phase power source and can also be field wired for 230 VAC operation. This grinder works with a wide range of industry-standard magnetic type attachments, including those in General's MAGNETACH® Tooling System or attachments utilizing the Lavina®/EDCO® magnetic tooling mounting configuration.



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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/ Non-Planetary	Water Tank (Yes/No)
SG24EM Electric Duel-Head Surface Grinder	55.25" x 27.5" x 38"	325 lbs.	2 hp	115	24"		Planetary	No



6. THE SG12EM SURFACE GRINDER

The SG12EM from General Equipment features a single rotating disc with a 12-in. working width. Its 1.5-horsepower electric motor operates from a readily available 15-ampere, 115 VAC single-phase power source that can be found on most jobsites. The model works with a wide range of industry-standard magnetic type attachments, including those in General's MAGNETACH® Tooling System or attachments utilizing the Lavina®/EDCO® magnetic tooling mounting configuration.

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/ Non-Planetary	Water Tank (Yes/No)
SG12EM Electric Single-Head Surface Grinder	39" x 28.5" x 40.5"	242 lbs.	1.5 hp	115	12"		Planetary	No

7. THE PREP/MASTER JUNIOR GRINDER

The Prep/Master® Jr. floor grinding machine by STI works extremely well in small, hard-to-reach areas that requires a more compact design — perfect for residential garage floors and basements. This grinder is very aggressive, yet extremely easy to operate due to the smooth operation of the STI rotary gear system. In addition, the low price of the Prep/Master Jr. is very affordable and fits any project budget.



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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/ Non-Planetary	Water Tank (Yes/No)
Prep Master Junior	50" x 23" x 48"	450 lbs., including pocket weights	7.5 hp, variable speed drive (5.6 kW)	220-240 V single phase, 40 A	23"	45 lbs. / tool x6	Non-planetary	Yes



8. THE PREP/MASTER 2807 GRINDER

The STI-2807 floor grinding machine is designed for small to medium-sized commercial projects and residential garage finishing. This machine is the smallest of the P/M machine line, but still produces perfect results in grinding or polishing. Its 7.5 hp motor is built to last and its variable speed drive easily adapts to different grinding or polishing conditions for concrete, terrazzo, marble, and stone applications. The movable pocket weight system adjusts head pressure depending upon application and the standard water tank makes it easy to switch from dry to wet work. Available in 230V or 480V. Uses two tool plates (included). Recommended for project sizes up to 2,000 SF (200m2).

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/ Non-Planetary	Water Tank (Yes/No)
Prep Master 2807	57" x 28" x 51"	743 lbs.	7.5 hp, three phase (5.5 kW)	220/230 VAC, 1 or 3 Phase, 60 Hz or 380/480 VAC 3 Phase, 50-60 Hz	28"	89 lbs. / tool x6	Non-planetary	Yes

SPECIFICATION GUIDE: GRINDERS

9. THE PREP/MASTER 3030 GRINDER

The Prep/Master STI-3030 floor grinding machine is an ideal choice for project sizes up to 10,000 SF (1,000 m²). Despite its heavy weight and size, this grinder is extremely easy to operate due to the smooth operation of the STI rotary gear system. Its 30-hp motor is built to last and its variable speed drive easily adapts to different grinding or polishing conditions for concrete, terrazzo, marble, and stone applications. The movable pocket weight system adjusts head pressure depending upon application and the standard water tank makes it easy to switch from dry to wet work. The 3030 is available in 230V and 480V. Uses four tool plates (included) and 12 tools.



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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
Prep Master 3030	86" x 30" x 52"	1,338 lbs.	30 hp, three phase	220/230 VAC, 1 or 3 Phase, 60 Hz or 380/480 VAC 3 Phase, 50-60 Hz	30"	89 lbs./ tool x12	Non-planetary	Yes



10. THE SDG-11 SINGLE DISC GRINDER

The MK-SDG-11 features a tapered front nose that provides enhanced visibility. The removable handles and nose weight provide for easy transportation and storage. An easy to operate foot pedal raises grinding discs off the ground for engine starting and idling. A gas Honda GXV340 engine powers the SDG-11. It has a fully encapsulated grinding shroud with vacuum pick up port or a water control valve for wet grinding. The SDG-11 uses a 10 or 20 segment, and a 10-in. diameter diamond grinding head.

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
SDG-11 Single Disc Grinder	40" x 16" x 42"	212 lbs.	11.7 hp	n/a, gas powered	10"	152 lbs.	Non-planetary	No

11. THE COLOSSOS XTX FLOOR GRINDER

This 10-head, 28-in. wide floor grinder was engineered for industrial surface preparation, concrete grinding and polishing. The only machine in its class that "edges to 1/8 in. of the wall." Its auto sensing dual voltage VFD lets you plug directly into 460V or 230V three phase power, eliminating the need to use a step-up transformer. An EZ Bak tilt feature allows for operators to easily tilt back the machine to change tooling and to transport. Designed to remove heavy coatings, mastic, thinset, VCT glue, carpet glue, epoxy, paint, and levels and preps uneven floors, WerkMaster's UltraFloor Polishing System delivers super high gloss results in fewer steps.

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
The COLOSSOS XTX	41" x 28" x 48"	1,126 lbs.	20 hp	30	28"	1,017 lbs.	10 Heads Multi-Disc	Yes



12. THE EDGE FLOOR GRINDER/POLISHER

A compact and powerful transportable floor grinder/polisher that is also a complement to any large planetary or rotary drive floor machine. The EDGE gets to less than 1/8-in. of the wall, eliminating the need to hand grind edges when prepping and polishing concrete, stone and terrazzo.

- Edge to within 1/8 in. (3 mm) of the wall
- Safely removes thinset, VCT glue, carpet glue, epoxy, paint, levels and preps uneven floors
- Disassembles into 3 components for easy transport
- Available in 220V or 110V models
- Features dustless grinding and sanding when attached to appropriate HEPA vacuum system

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
The EDGE	24.5" x 14" x 33.5"	202 lbs. (110V) / 212 lbs. (220V)	1.5 (110V) / 3 (220V)	15 (110V) / 20 (220V)	14"	175 lbs.	Multi-Disc	No

13. THE TITAN XT PROPANE PREP/POLISH FLOOR GRINDER

One of the most aggressive 20-in. Propane Concrete Surface Prep/Polish floor grinders in its class. The TITAN XT's Multi-Disc Technology features 8 heads and edges to within 1/8-in. of the wall. Its power to torque ratio delivers loads of torque when removing heavy coatings, mastic, thinset, VCT glue, carpet glue, epoxy, paint, and levels and preps uneven floors faster than much larger planetary and rotary floor grinders.

WerkMaster's UltraFloor Polishing System delivers super high gloss results in fewer steps. Its EZ Bak tilt feature allows for operators to easily tilt back the machine to change tooling and to transport. Designed to exceed the needs of the professional contractor on commercial, industrial, residential and facility maintenance projects.

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
The TITAN XT Propane	39" x 20" x 40"	600 lbs.	18 hp Kawasaki, 603 cc CARB certified	n/a, propane	20"	526 lbs.	Multi-Disc	No



14. THE LAVINA 30GE GRINDER

- Dust-proof grinding head with low-friction chain gear planetary drive
- Dust suppression fine misting system with high pressure spray nozzles
- EPA and CARB Blue Sky engines with intelligent fuel control system

- Easy-to-use integrated weights
- Improved dust collection efficiency
- LED lights in front and back
- New adjustable handle bar
- Charging phone station with dual USB 2.0 ports
- A durable stainless steel cup holder

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
Lavina 30GE	76.5" x 32" x 48"	794 lbs.	19 hp	n/a, propane	30"	448-529 lbs.	Planetary	Yes

15. THE LAVINA 25GE GRINDER

- Dust-proof grinding head with low-friction chain gear planetary drive
- Dust suppression fine misting system with high pressure spray nozzles
- EPA and CARB Blue Sky engines with intelligent fuel control system

- Easy-to-use integrated weights
- Improved dust collection efficiency
- LED lights in front and back
- New adjustable handle bar
- Charging phone station with dual USB 2.0 ports
- A durable stainless steel cup holder

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
Lavina 25GE	71" x 28" x 48"	764 lbs.	19 hp	n/a, propane	25"	428-499 lbs.	Planetary	Yes



16. THE LAVINA 25E GRINDER

- Dust-proof grinding head with low-friction chain gear planetary drive
- Dust suppression fine misting system with high pressure spray nozzles
- Added protection against excessive voltage

- Easy-to-use integrated weights
- Improved dust collection efficiency
- LED lights in front and back
- New adjustable handle bar
- Charging phone station with dual USB 2.0 ports
- A durable stainless steel cup holder

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Model	Dimensions (LxWxH)	Weight (lbs)	Horsepower	Amperage	Grinding Path (in.)	Grinding Pressure	Planetary/Non-Planetary	Water Tank (Yes/No)
Lavina 25E	71" x 28" x 48"	754 lbs.	10 hp	30 amp	25"	348-428 lbs.	Planetary	Yes