



MULTIQUIP



Floor Preparation Equipment



Construction Starts Here

www.multiquip.com



Dual Head Floor Grinders

Multiquip DFG Series Dual Head Floor Grinders are your best choice for the removal of dirt, grease, rubber carpet backing, industrial residues, or epoxy coatings from a horizontal surface.

The machine is ideally suited for grinding and polishing concrete, asphalt, terrazzo, and marble floors. Capable of accepting a variety of accessories further expands the versatility of this quality-built, high performing model.

Because it carries the Multiquip name, you know it meets the highest expectations for getting the job done.

- **Comfortable operator handle.** Full width, tubular design maximizes operator leverage and control. Helps maximize productivity and minimize fatigue.
- **Choice of power sources.** 2 or 3 HP electric; 9.5 HP Honda gasoline*.
- **Carry handles.** Comfortable and functional when loading or unloading.
- **Full-length rubber bumper.** Minimizes damage to vertical walls. Quickly removed for installation of safety and dust shield.
- **Heavier machine weight.** Adds structural integrity with no compromise to agility or ease of operation.
- **Elastomeric drive system.** Twelve rubber hubs allow multi-accessory discs to flex. Flex rate remains more constant with age and use. Easily repaired in the event of catastrophic contact with an above-surface obstruction.
- **Dual V-belt drive system.** Provides increased centerline distance between pulleys. Additional belt wrap delivers greater horsepower and torque to multi-accessory attachments.
- **Heavy-duty spur gear transmission.** Gears connect to multi-accessory disc driveshafts with full length, heat-treated keys.
- **Belt cover.** Provides ample space to store up to 300 lbs. of external weight for increased operating performance.
- **Longer wheel base.** Provides increased stability that allows multi-accessory attachments to quickly produce flatter, more level floors.
- **Large diameter caster wheels.** Reduces rolling friction during operation. Rubber tires produce no markings.
- **Adjustable caster wheel height.** Accommodates variances in multi-accessory attachment heights.
- **Optimum operating speed.** Both engine and electric motor powered units utilize similar drive system components. All multi-accessory attachments rotate at 250 rpm for maximum performance.
- **Standard 3" diameter dust port.** Connects directly to vacuum systems. Larger size helps evacuate larger percentage of dust.
- **Convenient oil drain.** Promotes proper oil change intervals on engine-powered units.



DFG Series



Model DFG110H



Model DFG20E



Dual V-belt tension adjustment. Helps maintain belt tension to factory specifications. Proper tension increases belt and clutch service life.



Compatibility and interchangeability. Counter-rotating, multi-accessory discs accommodate both General® and EDCO® attachments.



Single Head Floor Grinders



Model SFG10E



Includes GFI for added safety.



Folding handle for easy transportation.

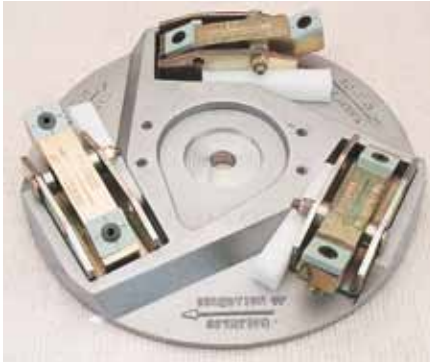
The MultiQuip Single Head Surface Grinder is an ideal choice for home owners who are becoming involved with floor projects in an attempt to reduce their overall project costs.

- Folding handle makes transportation easy — even in smaller vehicles.
- Ergonomic design adjusts in height to reduce back strain.
- Unique frame design allows easy movement up and down stairwells.
- Deadman motor switch stops the motor in the event the operator loses control.
- 37 foot extension cord complete with GFI for safety.
- Accepts all attachments used in our larger, Dual Head Grinders.

Specifications — Dual and Single Head Floor Grinders

Model	DUAL HEAD			SINGLE HEAD
	DFG110H	DFG20E	DFG30E	SFG10E
Engine/Motor	Honda GSV340	Leeson	Leeson	Franklin
HP (kw)*	9.5 (7.1)	2 (1492)	3/2.5	1.5 (1.1)
Voltage	N/A	115/230	230/220	115
Hz	N/A	60	60	60
Full Load Amp (FLA Rating)	N/A	16.8 @ 115V; 8.4 @ 230V	12.3 @ 230V 60 Hz	13.7
Starting Power Requirement Amp (kw)	N/A	84 (9.6)@115V; 42 (4.8)@230V	62 (14.3) @ 230V	48 (5.5)
Engine RPM	3600	3450	3450	1725
Fuel	4-cycle gasoline	Electric	Electric	Electric
Starting Method	Rewind	N/A	N/A	N/A
Disc Rotation Speed rpm	250	250	250	250
Disc Working Width in. (mm)	24 (610)	24 (610)	24 (610)	10 (254)
Dust Port Connection in. (mm)	3 (76)	3 (76)	3 (76)	3 (76)
Overall Width in. (mm)	27.5 (699)	27.5 (699)	27.5 (699)	27.5 (699)
Operator Handle Height in. (mm)	38 (965)	38 (965)	38 (965)	38 (965)
Overall length in. (mm)	55.25 (1403)	55.25 (1403)	55.25 (1403)	55.25 (1403)
Weight lbs. (kg)	300 (136)	250 (114)	260 (118)	235 (107)
Shipping Weight lbs. (kg)	405 (183.7)	381 (178)	378 (171)	242 (110)
Notes	Includes Dust and Safety Shield p/n 29018-089 (not installed)			Includes Dust and Safety Shield p/n 29018-091 (not installed)

Floor Scraper Coatings Removal System



The Floor Scraper system utilizes a series of tungsten carbide inserts that are rubber mounted in a steel block assembly. Designed to deliver high productivity rates when material accumulations such as mastics, fiberglass resins, rubber, food residue and ice need to be quickly removed from industrial floors. Its unique scraping action is also a highly efficient method for the removal of urethane, epoxy and paint coatings. Can be used wet or dry. The addition of a water/sand slurry mixture enhances the removal of more easily extrudable adhesives and mastics. Lord® elastomeric type rubber mounts allow the inserts to closely follow minute variances in floor contour while leaving minimum residue. Each tungsten carbide insert features eight separate wear edges and can be quickly indexed or replaced in minutes.

- Fits most major brands.
- Removes urethanes, mastics, epoxies and material build-ups.
- Twin insert design minimizes damage to cap surface.
- Replaceable tungsten carbide inserts feature eight wear edges.
- 12 inserts required per machine.
- Available as a kit for extra savings.

Diam-A-Tach® Diamond Segment Grinding System



The Diam-A-Tach system utilizes individual diamond segments to deliver up to five times greater productivity and 15 times greater service life than silicon carbide stones. The non-clogging characteristics of diamonds make them the ideal choice for many thin film coating removal projects. The higher productivity rates can also be the solution for larger projects, especially when removing a thin concrete layer in preparation for a new top coating. The system can be operated in both wet and dry job applications. Worn or damaged segments are easily rotated or replaced in seconds. Service life is dependent upon many variables, but can approach 50,000 square feet per set, making it a cost-efficient solution for many job applications. Pins are color-coded to correspond to specific applications.

- Fits most major brands.
- Increases productivity over grinding stones.
- Removes thin film surface coatings without clogging.
- Matrix options for material types and abrasion levels. (See accessory detail.)
- Offset mounting extends segment service life.
- Replaceable diamond segment pins.
- 6 inserts of 3 segments required per machine.

Segmented Grinding Discs



Multiquip diamond grinding discs are a great way to achieve fast removal rates on both cured concrete and hard epoxies. Multiquip discs incorporate a 20 segment design, available in both standard and premium quality. Simply bolt these discs over the existing holders, or remove block holders and mount directly. Discs offer the fastest removal rate of any attachment. Service life is dependent upon many variables, but can approach 40,000 square feet per set, making it a cost-efficient solution for many job applications.

- Universal mounting for both Multiquip single and dual disc grinders.
- Use on cured concrete and hard epoxies.
- Increased productivity and service life over grinding stones.
- Two discs required for dual head machine.

Safety and Dust Shield



- Helps contain airborne dust and material contamination.
- Fabric reinforced rubber material withstands direct impact damage.
- Quickly adjusts for attachment wear.
- Fits General Dual-Head grinder.
- Dust Shield included with Grinder purchase.

Plas-T-Lok™ Mounting Wedge



- Clamps accessory attachments to dual-headed surface grinders.
- Plastic material better withstands damage from splintering and breakage than wood.
- Provides more uniform clamping pressure.
- Fits General and EDCO grinders
- 6 inserts required per machine.

Grinding Stones



remove less than $\frac{1}{16}$ inch of concrete and can be used with a water/sand slurry mixture to minimize clogging. The C10 stone is more popular for concrete removal with the fine polishing types C80 and C120 used to grind terrazzo and marble floor surfaces. As the binder wears with use, the sharp edges of the silicon carbide are exposed, further promoting an aggressive grinding action. Stones are especially useful for removing trowel marks, environmental-related damage, excess concrete and high spots. Equipped with C10 grinding stones, the DFG110H, DFG20E and DFG30E Series Surface Grinders will remove thin layers of concrete at rates approaching 550 square feet per hour. Additional weight can be added to the grinder to substantially increase productivity rates.

- Fits General and EDCO dual-headed surface grinders.
- Sharp edges of silicon carbide are exposed with use for aggressive grinding action.
- Available in super-coarse C06 to polishing C120.
- 6 stones required per machine.

Scarifier Blocks



Alloy steel flails are mounted in reusable frames and come in a variety of configurations. Scarifiers can be used to break up hard deposits including varnish, paint, epoxy, fiberglass and grout. Use the star flail to minimize damage to the surface cap. The more aggressive beam and tungsten carbide tipped flails are intended to remove higher tensile materials while not actually grinding the aggregate. Frost and fire damaged concrete surfaces can be prepared for new coating applications by utilizing the beam or pentagonal flails to remove spalled material. Scarifier blocks are a fast and economical method for roughing surfaces prior to coating applications, removing material build-ups and cleaning floors. Additional weight can be added to the grinder to substantially increase productivity rates.

- Fits General and EDCO dual-headed surface grinders.
- Utilizes heat-treated, high carbon flails mounted in reusable steel frames.
- Breaks up hard surface deposits such as varnish, paint, epoxy fiberglass and grout.
- Chips concrete from around aggregate.
- 6 frames required per machine.

Wire Brushes



Flat steel wires are set in hardwood blocks. Brushes quickly remove materials such as softer grease, wax, food by-products and rubber backing during carpet removal. When producing exposed aggregate slabs, wire brushes clean away the slower setting concrete without disturbing the aggregate. Other practical uses include roughing linoleum tiles for the application of urethane coverings, the removal of blistering and peeling paint, plaster droppings and material accumulations from warehouse floors. For increased service life, brushes should be rotated between discs every hour of operation to remove any directional set. Additional weight added to the grinder will not normally increase productivity rates.

- Fits General and EDCO dual-headed surface grinders.
- Breaks up soft to medium deposits of grease, dirt, rubber carpet backing and industrial residues from floor surfaces.
- Produces exposed aggregate slabs.
- Removes slow setting concrete without disturbing aggregate.
- 6 brush blocks required per machine.

Clean Sweep™ Floor Brushes



Silicon carbide impregnated floor brushes can be utilized wet or dry and are quickly attached by simple hardware (included) to the multi-accessory discs. Designed to remove rubber tire deposits from industrial floors, environmentally related damage and discolorations from concrete, and the buffing of various types of tiles. The silicon carbide impregnations are also extremely effective for stripping scale build-ups and rust formations from steel decking. The movement action of the bristles eliminates clogging.
























Brushes are an effective tool for the deep cleaning of industrial floors with common detergents.

- Fits General dual-headed surface grinders.
- Silicon carbide impregnated bristles produce aggressive cleaning action.
- Use with detergents to remove grease, dirt and stains from concrete floors.
- 2 discs required per machine









Attachments

Surface and Grinder Accessory Ordering Guide

Order No.	Description
FLOOR SCRAPER	
 29019-018	Floor coating removal system, complete with rubber-mounted insert holder and two replaceable tungsten carbide inserts (P/N 29019-019). Requires 6 units per machine
 29019-019	Tungsten carbide inserts replacements. 8 individual wear edges, use with Floor Scraper; 2 required per block; 12 inserts required per machine
 FLOORSCRAPERKIT	Floor Scraper Floor Coatings removal system kit; incl. 6 ea Floor Scraper units; 12 ea p/n 29019-019 replacement Tungsten carbide inserts; 6 ea. p/n 29019-017 mounting wedges; 6 ea. Allen head capscrews; 1 ea. Allen head wrench, installation hammer, removal tool and tool box
DIAM-A-TACH	
 DIAMTACH-P	DiamTach Purple color; stamped "P" on pin shank, incl. Plastic mounting wedge p/n 29019-017; use on soft materials and aggregates. Requires 6 units per machine.
 DIAMTACH-Y	DiamTach Yellow color; stamped "Y" on pin shank, incl. Plastic mounting wedge p/n 29019-017; use on general purpose applications. Requires 6 units per machine.
 DIAMTACH-B	DiamTach Black color; stamped "B" on pin shank, incl. Plastic mounting wedge p/n 29019-017; use on epoxy mortar or more abrasive materials. Requires 6 units per machine.
 DIAMTACH-G	DiamTach Green color; stamped "G" on pin shank, incl. Plastic mounting wedge p/n 29019-017; use on green type (less than 2 days old) or extremely abrasive concrete/asphalt. Requires 6 units per machine.
 DIAMTACH-R	DiamTach Red color; stamped "R" on pin shank, incl. Plastic mounting wedge p/n 29019-017; use on finish grinding (polishing) application requiring minimal swirl marks. Requires 6 units per machine.
 P-SHANKKIT	Diamond segment/pin replacement, Purple, stamped "P" on pin shank p/n DIAMTACH-P. Complete with p/n 242101 replacement O-ring and pin 20040901 replacement stainless steel retaining pin. Requires 3 segment/pins per P-SHANKKIT.
 Y-SHANKKIT	Diamond segment/pin replacement, Yellow, stamped "Y" on pin shank p/n DIAMTACH-Y. Complete with p/n 242101 replacement O-ring and pin 20040901 replacement stainless steel retaining pin. Requires 3 segment/pins per Y-SHANKKIT.
 B-SHANKKIT	Diamond segment/pin replacement, Black, stamped "B" on pin shank p/n DIAMTACH-P. Complete with p/n 242101 replacement O-ring and pin 20040901 replacement stainless steel retaining pin. Requires 3 segment/pins per B-SHANKKIT.
 G-SHANKKIT	Diamond segment/pin replacement, Green, stamped "G" on pin shank p/n DIAMTACH-P. Complete with p/n 242101 replacement O-ring and pin 20040901 replacement stainless steel retaining pin. Requires 3 segment/pins per G-SHANKKIT.
 R-SHANKKIT	Diamond segment/pin replacement, Red, stamped "R" on pin shank p/n DIAMTACH-P. Complete with p/n 242101 replacement O-ring and pin 20040901 replacement stainless steel retaining pin. Requires 3 segment/pins per R-SHANKKIT.
 DIAMKIT-P	DIAMTACH kit, Purple, stamped "P" on pin shank; incl. 6 ea. DIAMTACH-P units; 6 ea. p/n 29019-017 mounting wedges, 6 ea. 20040901 replacement stainless steel retaining pins; 6 ea. 242101 replacement O-rings; installation hammer, drive punch and extra heavy duty steel tool box
 DIAMKIT-Y	DIAMTACH kit, Yellow, stamped "Y" on pin shank; incl. 6 ea. DIAMTACH-Y units; 6 ea. p/n 29019-017 mounting wedges, 6 ea. 20040901 replacement stainless steel retaining pins; 6 ea. 242101 replacement O-rings; installation hammer, drive punch and extra heavy duty steel tool box
 DIAMKIT-B	DIAMTACH kit, Black, stamped "B" on pin shank; incl. 6 ea. DIAMTACH-B units; 6 ea. p/n 29019-017 mounting wedges, 6 ea. 20040901 replacement stainless steel retaining pins; 6 ea. 242101 replacement O-rings; installation hammer, drive punch and extra heavy duty steel tool box
 DIAMKIT-R	DIAMTACH kit, Red, stamped "R" on pin shank; incl. 6 ea. DIAMTACH-R units; 6 ea. p/n 29019-017 mounting wedges, 6 ea. 20040901 replacement stainless steel retaining pins; 6 ea. 242101 replacement O-rings; installation hammer, drive punch and extra heavy duty steel tool box
DIAMOND GRINDING DISCS	
 10GDGW	Standard quality 20 segment disc — two required for dual, one for single
 10PDGW	Premium quality 20 segment disc — two required for dual, one for single
GRINDING STONES	
 GS-C06	Grinding Stone C 06 extra coarse, incl. Mounting wedge 29019-017 — requires 6 per machine.
 GS-C10	Grinding Stone C 10 coarse, incl. Mounting wedge 29019-017 — requires 6 per machine.
 GS-C24	Grinding Stone C 24 medium, incl. Mounting wedge 29019-017 — requires 6 per machine.
 GS-C80	Grinding Stone C 80 fine, incl. Mounting wedge 29019-017 — requires 6 per machine.
GS-C120	Grinding Stone C 120 fine, incl. Mounting wedge 29019-017 — requires 6 per machine.
SCARIFIER BLOCKS	
STARKIT	STAR Scarifier Block Assembly, steel case, 12 each 29019-010 star type flails, hardware and plastic mounting wedge p/n 29019-017, 6 units required per machine.
BEAMKIT	BEAM Scarifier Block Assembly, steel case, 12 each 29019-011 beam type flails, hardware and plastic mounting wedge p/n 29019-017, 6 units required per machine.
PENTAGONAL-KIT	PENTAGONAL Scarifier Block Assembly, steel case, 8 ea. 29019-012 pentagonal type flails, hardware and plastic mounting wedge p/n 29019-017, 6 units required per machine.
29019-010	Star Flails; 1 3/4" OD x 5/8" ID x 1/8" wide, heat treated high carbon, 12 teeth points. Use with STARKIT Scarifier Assy. 72 units reqd. per machine.
29019-011	Beam Flails; 1 3/4" OD x 5/8" ID x 1/8" wide, heat treated high carbon, 12 teeth flat tips. Use with BEAM Scarifier Assy. 72 units reqd. per machine.
29019-012	Pentagonal Flail; 1 3/4" OD x 5/8" ID x 1/8" wide, heat treated alloy steel, 5 teeth with tungsten carbide inserts. Use with PENTAGONALKIT Scarifier Assembly. 48 units required per machine.
29019-013	Spacer Washer 1 5/16" OD x 4 5/64" ID, x 1/8" wide, heat treated carbon steel. For use with all flails.
WIRE BRUSHES	
29019-016	Wire Brush Assembly; .025 flat wire x .059 fill; 4 rows, 2" x 4" hardwood block incl. mounting wedge 29019-017. Requires 6 units per machine.
CLEAN SWEEP FLOOR BRUSHES	
29019-021	Clean Sweep rotary brush, 11" OD with silicon carbide impregnated bristles. Complete with mounting hardware. Requires 2 units per machine.
PLAS-T-LOK MOUNTING WEDGE	
29019-017	Plas-T-Lok mounting wedge, high density plastic, requires 6 wedges per machine
SAFETY AND DUST SHIELD	
29018-089	Safety and dust shield assembly kit—for Dual Head Grinder
29018-019	Safety and dust shield assembly kit — for Single Head Grinder

Attachments

Surface Grinder Attachment Application Guide

Attachment	Grind Concrete Floors	Roughen Concrete Floors	Roughen Tile/Vinyl Floors	Clean Concrete Floors	Remove Floor Urethanes	Remove Floor Epoxies	Remove Floor Paints	Remove Material Build-Ups	Grind Asphaltic Surfaces	Comments
 Grinding Stones	OK	?		OK						Used to remove less than 1/16" of material. Water and sand slurry will minimize clogging problems. C10 stone is most popular. Removal rates can approach 550 square feet per hour. Use C80 and C120 on terrazzo and marble surfaces. Service life is shorter with coarse grit stones. Add external weight to Surface Grinder to increase productivity.
 Grinding Discs	✓					✓				Ideal for larger grinding projects. Softer matrix provides more aggressive action for tungsten carbide pellets. Resists clogging better than stones and delivers up to 15 times greater service life. Removal rates for 1/16" of concrete can approach 750 square feet per hour. Add external weight to Surface Grinder to increase productivity.
 Wire Brush			✓				?	OK		Removes grease, wax, food by-products and rubber carpet backing. Roughen linoleum and vinyl tiles prior to application of a new coating. Transfer brushes between each disc every hour to remove directional set. DO NOT add external weight to Surface Grinder to increase productivity.
 Scarifiers		OK			?	?	?	✓		Remove varnish, paint, epoxy, fiberglass and grout. Roughen floors prior to coating applications. Star flail minimizes damage to surface cap. Tungsten carbide tipped flail produces the most aggressive action. Add external weight to Surface Grinder to increase productivity and flail penetration into the surface cap.
 Diam-A-Tach Diamond Segment Grinding System		OK		✓	OK	OK	OK		✓	Ideal for larger grinding projects. Delivers up to 5 times greater productivity and 15 times greater service life. Can be used wet or dry. Segments normally wear .010/.015 inch per 8 hour day. Service life can approach 50,000 square feet. Wide range of matrix and diamond combinations for specific applications. Add external weight to Surface Grinder to increase productivity.
 Floor Scraper Coatings Removal System					✓	✓	✓	✓		Removes urethanes, epoxies, paints and material build-ups. Water and sand slurry reduces heat and increases productivity rates on extrudable materials. Tungsten carbide inserts feature 8 wear edges. Edge service life variable from 1 to 8 hours, depending upon material and floor condition. Add external weight to Surface Grinder to increase productivity.

Key to above chart:

OK .. Acceptable performance or productivity rates for most job applications

? Limited performance or productivity rates for most job applications

✓ Preferred method to produce maximum performance or productivity rates for most job applications



Floor Scraper kit includes Floor Scraper units, inserts, mounting wedges, capscrews, wrench, hammer, removal tool and tool box.



DIAMKIT-Y includes mounting wedges, retaining pins, O-rings, installation hammer, drive punch and extra heavy duty steel tool box.



TC-GBKIT Tungsten Carbide System Kit includes blocks, wedges, hammer, removal tool and tool box.



Planers



Model 8PF55H features quick-adjust drum engage/disengage lever

Planers are ideal for removing trip-and-fall hazards, stripping brick, high tensile floor coatings or profiling any surface for a new coating. Specially designed carbide flails can effectively remove thermo- and cold plastic-type markings from streets and industrial floors.

Multiquip Planers make your surface preparation seem plane easy.

Multiquip's gas- and electric-powered planers utilize a wide variety of flail configurations to hammer and impact almost any type of surface material. The desired effect is achieved by positioning both flail and spacer selections as well as flail type.

Positioning the wheels behind the drum allows the Multiquip Planer to cut through high spots and irregularities on slab surfaces with greater consistency.

Visit the Planer Attachment section for more details.



Model 8FP50E

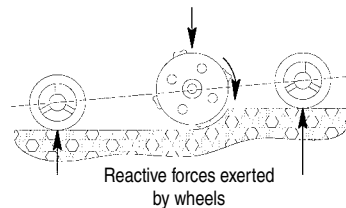


Model 8FP55H

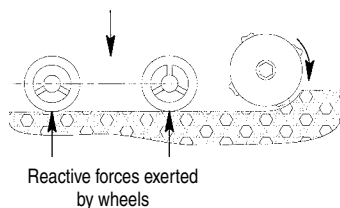
Why Is The Drum In Front Of The Wheels?

To maximize productivity and service life, it is essential for the wheels, and not the drum, to support the weight of the surface planer during operation. Positioning the drum in front of the wheels offers several operational advantages. For traffic line or surface coating removal, the front position allows the drum to produce a more uniform and consistent finish. Compare the differences between a front-mounted and center-mounted lawnmower deck. With the drum positioned in front of the wheels, there is less tendency to "scalp" the surface.

When removing trip-and-fall hazards from a sidewalk, the advantages are even more evident. The front position allows the drum to be positioned on the lower surface, perpendicular to the misalignment. Rough cutting the material quickly establishes the grade line with less physical effort. Once the bulk of the misalignment has been removed, the surface planer can be repositioned parallel to the grade to remove additional material for more gradual blending. If a smoother final finish is required, less aggressive flails can be utilized.



Machine weight directly over drum promotes recoil and instability



Machine weight directly over wheels minimizes recoil and enhances stability



Planer side plate is removable to access flail drum and to mount edger attachment 29021-001.

23 reasons why your next planer should be a Multiquip 8FP Series...

Comfortable operator handle. Full-width, tubular design maximizes operator leverage and control. Anti-slip, polyurethane coating helps maximize productivity and minimize fatigue.

Choice of power sources. 4.8 HP (3.6 kW) Honda gasoline engine; 5 HP (3.7 kW) electric, domestic or foreign voltage operation.*

Twin V-belt drive system. Absorbs and minimizes shock-loading back to power source. Twin-belt configuration provides extended service life and redundancy.

Dual V-belt tension adjustment. Properly aligns engine and maintains belt tension to factory specifications. Proper tension increases belt and bearing service life.

External grease fitting. Facilitates greasing bearings at regular intervals to maximize service life.

Belt cover. Heavy-gauge, welded, sheet metal cover helps protect drive system from external damage. Bottom guard configuration helps minimize material ingestion into V-belt drive system.

Carry handle. Comfortable and functional when loading or unloading.

Standard 3" diameter dust port (not pictured). Connects directly to vacuum systems. Larger size helps minimize static pressure loss while increasing vacuum system performance. Front location allows vacuum hose to better clear and remain free of machine during operation.

Water-mist dust-control fitting. Allows installation of a valve and water source as an alternative method for dust control.

Access-door alignment pins. Precision mounting configuration minimizes machining and bearing runout tolerances. Heat treated to maximize service life.

Dust port deflector. Helps minimize potential for a damaged flail to exit the dust port.

Drum positioned in front of wheels. Increases machine stability by reducing recoil forces. Provides greater uniformity and consistency when removing surface coatings.

Full-length hexagon driveshaft. Hexagon shape maximizes driveshaft and drum contact area. Helps disperse impulse forces over a wider surface area to minimize wear. Manufacturing tolerances speed drum installation yet minimize "hour glass" wear to both driveshaft and drum. Heat treated to maximize service life.

Replaceable outboard bearing bushing. Precision-broached hexagon-shaped bushing can be quickly replaced in the field. Heat treated to maximize service life.

Side access door. Allows drum to be quickly changed without tipping machine forward or backward.

Replaceable forward casters and axle. Worn components can be field replaced individually or together without realignment difficulty.

Replaceable wear bushings in all pivot areas. Heat treated, full-length bushings increase service life in high-wear areas.

Convenient oil drain. Promotes proper oil change intervals on engine-powered units.

High-capacity automotive-type ball joint. Heat treated to reduce linkage rod wear.

Replaceable rear casters and axle. Worn components can be field replaced individually or together without realignment difficulty.

Screw-type drum height control system. Alloy steel screw configuration allows continuous force against the rear casters during operation. System increases stability by reducing recoil forces during operation. Rubber sheath reduces foreign material contamination.

Remote located engine ON/OFF ignition switch. Connects directly to engine-mounted ON/OFF ignition switch.

Engage / Disengage drum lever. Simply engage lever, adjust depth with height control screw and use lever to engage and disengage without having to re-adjust height screw.




Specifications — Planers

Model	8FP55H	8FP50E	8FP50E50
Engine/Motor	Honda GX160	Leeson	Leeson
HP (kw)*	4.8 (3.6)	5 (4.4)	3.7 (3.1)
Voltage	N/A	230/220	230/220
Hz	N/A	60	50
Full Load Amp (FLA Rating)	N/A	21 @ 230V 60 Hz;	23 @ 220V 50 Hz
Starting Power Requirement Amp (kw)	N/A	105 (24.2) @ 230V 60 Hz	115 (25.3) @ 220V 50 Hz
Min. Circuit Breaker Requirement Amp	N/A	30 @ 230V 60 Hz;	30 @ 220V 50 Hz
RPM	3600	3450	2850
Fuel	4-cycle gasoline	Electric	Electric
Starting Method	Recoil	N/A	N/A
Drive Shaft in. (mm)	13/16 (21)	13/16 (21)	13/16 (21)
Max. Cutting Depth in. (mm)	5/8 (16)	5/8 (16)	5/8 (16)
Max. Cutting Width in. (mm)	8 (203)	8 (203)	8 (203)
Max. Cutting Width to Vertical Wall in. (mm)	3 1/4 (83)	3 1/4 (83)	3 1/4 (83)
Dust Port Connection in. (mm)	3 (76)	3 (76)	3 (76)
Overall Width in. (mm)	17.5 (419)	17.5 (419)	17.5 (419)
Operator Handle Height in. (mm)	39.5 (1003)	39.5 (1003)	39.5 (1003)
Overall length in. (mm)	39.25 (997)	39.25 (997)	39.25 (997)
Weight lbs. (kg)	170 (77.3)	195 (88.4)	195 (88.4)
Shipping Weight lbs. (kg)	200 (90.7)	242 (110)	242 (110)
Notes	Includes two-section drum p/n 2902-003		



Planer Attachments

Drum/Flail Configuration	Flail Type Used	Typical Results	Removing excess concrete or asphalt materials	Removing traffic lines	Removing surface coatings	Profiling surfaces for new coating applications	Flail Kit required
 <p><i>Pentagonal</i></p>	 <p>29019-012</p>				OK		Use Pentakit 52-148. Includes 52 flails and 148 washers Or use Pentakit 84-88. Includes 84 flails and 88 spacers.
<p>Designed for heavy duty concrete or asphalt removal projects. Ideal for removing trip and fall hazards. Typical finish has rough, broom swept texture. Maximum productivity versus initial investment. Average service life: up to 250 hours.</p>							
 <p><i>Star</i></p>	 <p>29021-010</p>		?			?	Use Starkit 124-120. Includes 124 flails and 120 spacer washers.
<p>Intended for removing surface coatings from floors while minimizing the resulting damage to the cap material. Will produce the smoothest texture possible. Generally not to be utilized for removing concrete or asphalt. Average service life: up to 3 hours.</p>							
 <p><i>Beam</i></p>	 <p>29019-011</p>		OK	?	OK	OK	Use Beamkit 124-120. Includes 124 flails and 120 spacer washers.
<p>Designed for light to medium duty concrete or asphalt removal projects. Popular alternative to tungsten carbide tipped flails. Will produce a medium rough texture. Average service life: up to 3 hours.</p>							
 <p><i>Beam</i></p>	 <p>29019-011</p>					?	Use Beamkit 84-56. Includes 184 flails and 56 spacers. Or use Milling flail kit 29021-015 for high production.
<p>Intended as a low-cost solution for removing painted, thermo and cold plastic-type traffic lines from asphalt or concrete. Productivity rates and service life on asphaltic materials are substantially higher. Average service life: up to 10 hours.</p>							

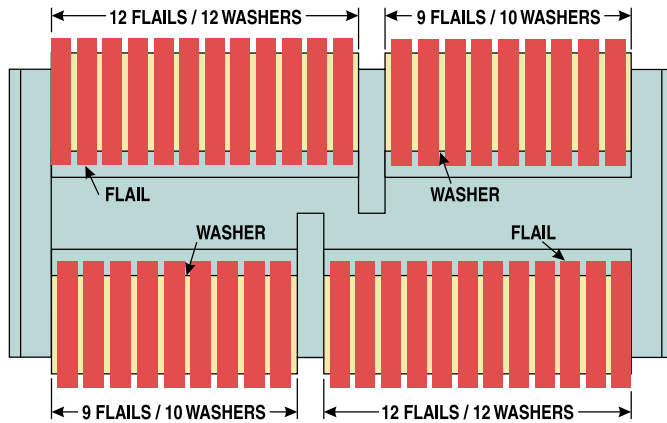
Key to above chart:

OK .. Acceptable performance or productivity rates for most job applications

? Limited performance or productivity rates for most job applications

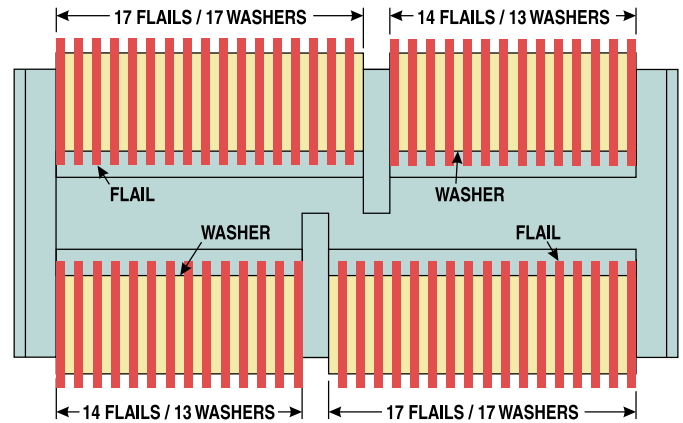
✓ Preferred method to produce maximum performance or productivity rates for most job applications

Drum Loading Suggestions



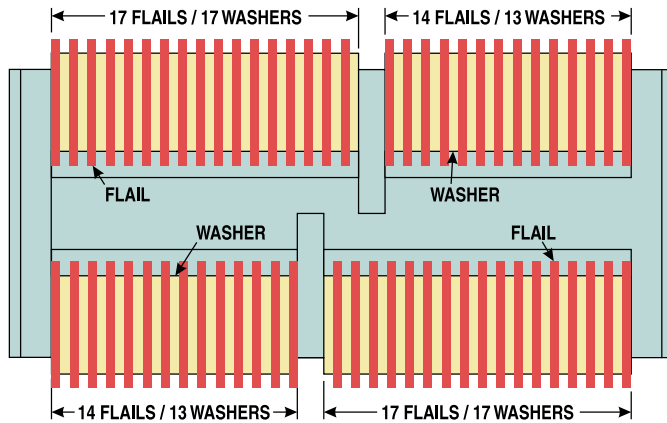
Pentakit 84-88 (Broom Swept Finish)

84 Flails (29019-012); 88 Spacer Washers (29019-005)
Use with 29021-003 Two-Section Drum



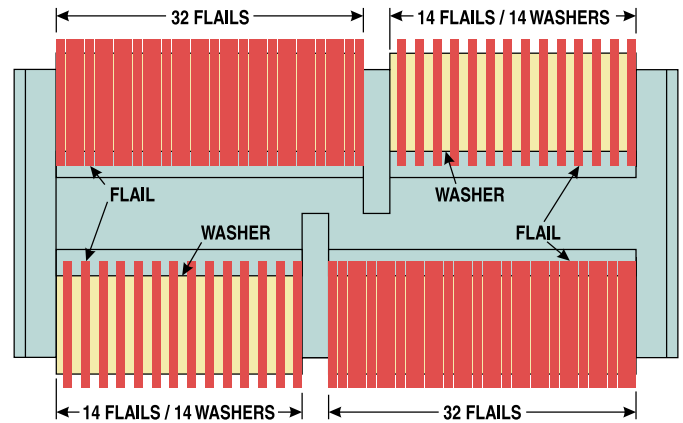
Star Kit 124-120 (Broom Swept Finish)

124 Flails (29019-010); 120 Spacer Washers (29019-005)
Use with 29021-003 Two-Section Drum



Beam Kit 124-120 (Broom Swept Finish)

124 Flails (29019-011); 120 Spacer Washers (29019-005)
Use with 29021-003 Two-Section Drum



Beam Kit 184-56 (Traffic Line Removal)

184 Flails (29019-011); 56 Spacer Washers (29019-005)
Use with 29021-003 Two-Section Drum

Note: Due to material thickness variations, the number of flails and washers that can fit on a drum may be less than the numbers shown in the above diagrams.



Edger Assembly

Part No. 29021-001



Flail Drum

Built around a hexagon tube, Multiquip's Two-Section Flail Drum incorporates heavy steel supports on both ends and is offset in the center to hold four heat-treated mounting rods. Star, Beam or Pentagon can be loaded on the rods in a variety of patterns to achieve the desired surface texture. **Part No. 29021-003.**



Floor Covering Scraper

Now there is an easier way to remove floor coverings. The MultiQuip SFCS16 removes direct glue-down carpet, hardwood flooring, linoleum, non-slip floor coverings, vinyl tile or any other adhesive, cement and mastic.

Powered by a waterproof 3/4 HP* fan-cooled, capacitor-start motor, even your most demanding jobs can be quickly and easily completed.

MultiQuip's SFCS16 is the solution for quick removal of coverings in residential or commercial applications.

Features

- Unitized, welded steel plate structure.
- Exciter mounted directly to drive shaft.
- Height adjustable handle, foldable for transport and storage.
- 8" x 2" plastic wheels with self-lubricated bearings.
- Wheel scrapers on each wheel prevent glue build-up. Fully adjustable for wear compensation.
- Cutting blades from 6" to 16".
- Screw-type height control level allows constant blade contact with floor.
- Built-in lifting handle.
- Includes blade change wrench, sharpening file, (1) FC6S 6" straight blade, (1) FC10S 10" straight blade, 37 ft. extension cord.



Folding the handle into the transport position reduces the overall height to only 23". The MultiQuip Floor Covering Scraper will fit into most car trunks.



Quickly cut carpet in manageable strips for removal. With its large 8" tires, minimum effort is needed to propel the SFCS16.

Specifications — Floor Covering Scraper

Model	SFCS16
Motor	Leeson
HP (kw)	.75 (.56)
Voltage	115
Hz	60
Full Load Amp (FLA Rating)	10.3
Starting Power Requirement Amp (kw)	52
Min. Circuit Breaker Requirement Amp	15
RPM	1725
Wheels (Size/Dia.) in. (mm)	8 x 2 (203 x 51)
Wheel Scrapers	2
External Weight System lb. (kg)	15 (6.8)
Overall Width in. (mm)	14.5 (268)
Overall Width @ Operator Handle in. (mm)	23 (584)
Operator Handle Height in. (mm)	42 (1067)
Height w/folded handle in. (mm)	23 (584)
Overall length in. (mm)	34 (864)
Overall length w/handle folded in. (mm)	24 (610)
Weight lb. (kg)	130 (59)
Shipping weight lb. (kg)	186 (84.3)
Notes	Includes FC6S (6" straight blade), FC10S (10" straight blade), and 37 ft. extension cord

Accessories

P/N	Description
FCEXT	Extension Cord, 12-3 AWG, 37' length, w/GFCI switch
FC6S	Blade, Straight, 4" x 6", Dual beveled edge
FC6A	Blade, Angled, 6" wide, Single beveled edge
FC10S	Blade, Angled, 3" x 10" wide, Single beveled edge
FC10A	Blade, Angled, 10", Single beveled edge
FC8U	Blade, Scoring, 8" wide, Single beveled edge, facing UP
FC8D	Blade, Scoring, 8" wide, Single beveled edge, facing DOWN
FC13U	Blade, Scoring, 13" wide, Single beveled edge, facing UP
FC13D	Blade, Scoring, 13" wide, Single beveled edge, facing DOWN
FC16S	Blade, Straight, 16" wide, Single beveled edge
FCT	Ripper, attachment, tooth-type

All features and specifications are subject to change without notice.

Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. MultiQuip Inc. and its subsidiary companies makes no claim, representation or warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy of the engine power rating. Users are advised to consult the engine manufacturer's owners manual and its website for specific information regarding the engine power rating.

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