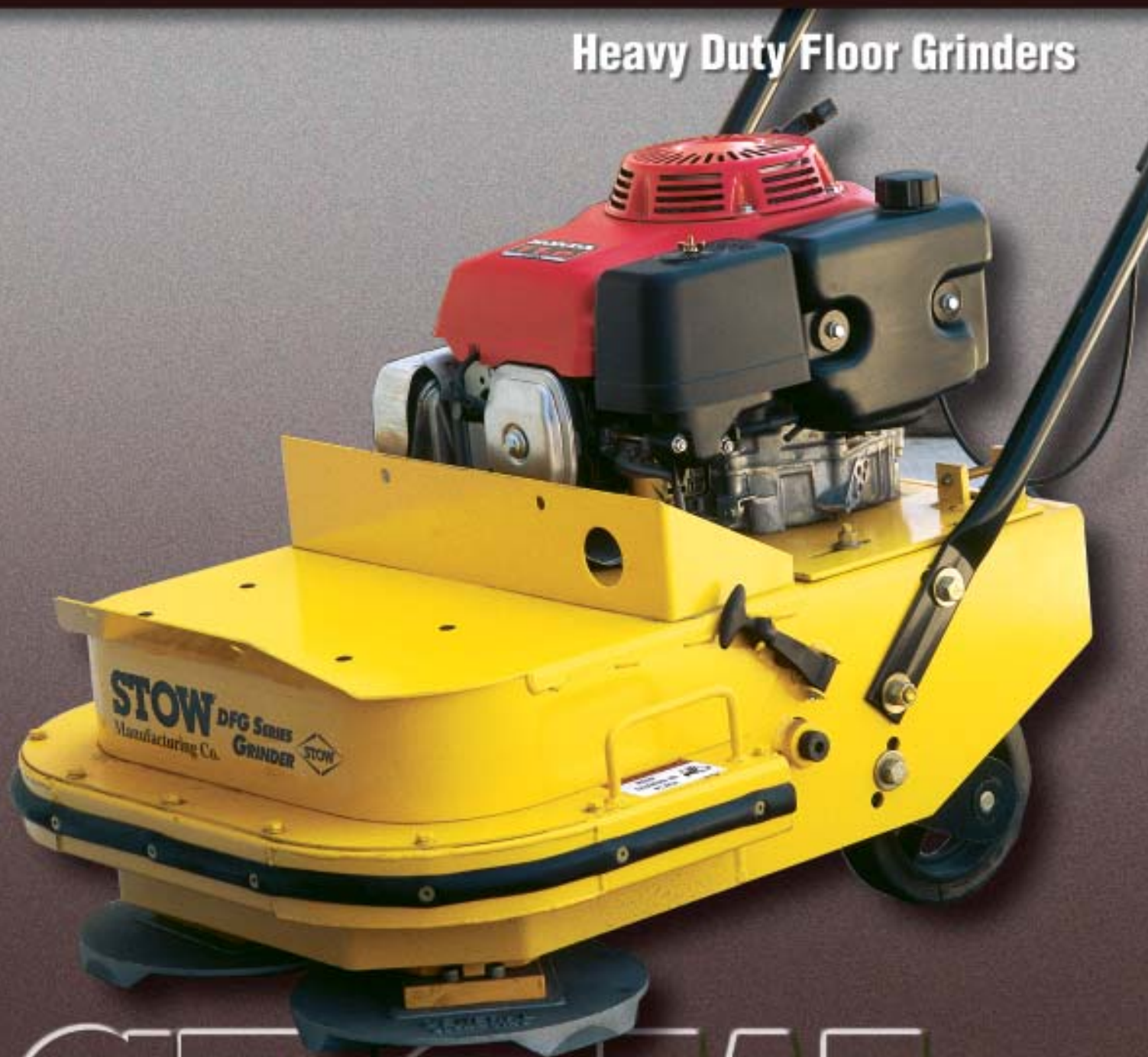


# STOW

## Floor Preparation Equipment

Heavy Duty Floor Grinders



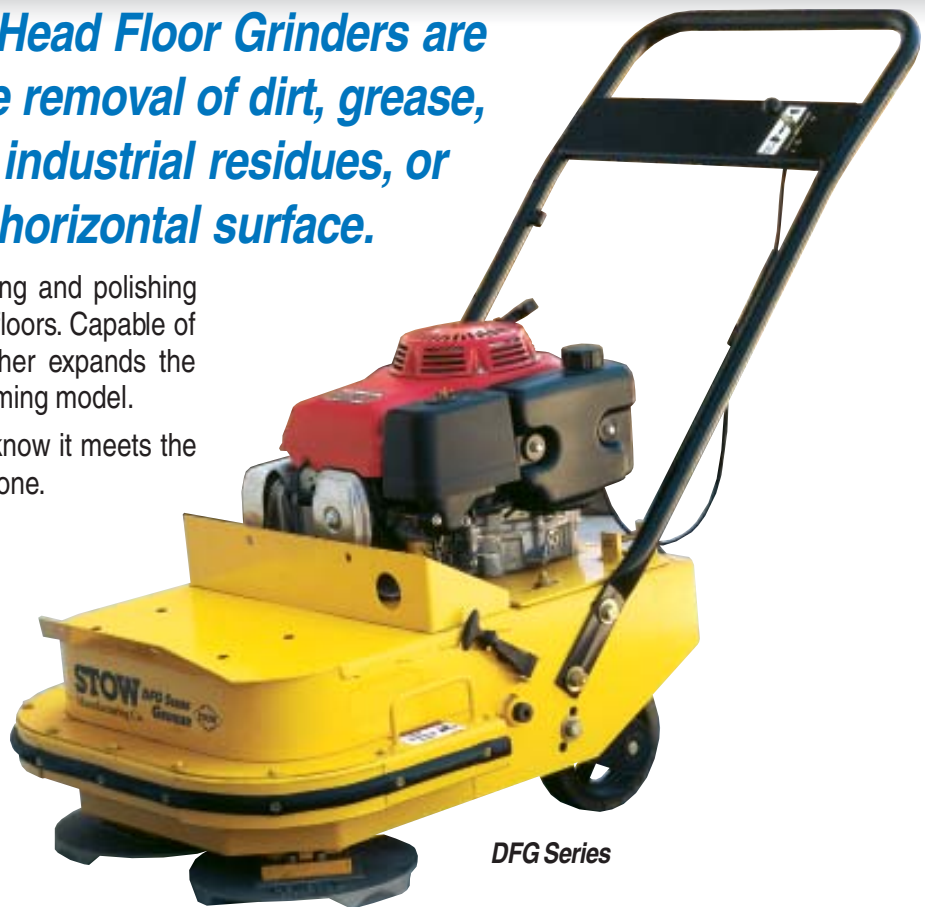
# STOW

# STOW Single and Dual Head Floor Grinders

*Stow 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 Stow name, you know it meets the highest expectations for getting the job done.



*DFG Series*



*Model DFG110H*

- Twin counter-rotating discs provide a work area of 24" x 12".
- Grind to within 1 1/2" of walls or obstructions.
- Choose from Honda-powered gasoline model or electric-powered motor models available in 2 HP and 3 HP configurations (engines are dependent on environment).
- Attachments make the surface grinder one of the most productive and practical machines available for use by surface preparation contractors, concrete repair contractors and industrial building maintenance specialists.



*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.*

## Features and benefits

- **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, domestic and foreign voltage operation. 11 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.

## Single Head Floor Grinder

### Model SFG10E

The Stow 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.**



*Includes GFI for added safety.*



*Folding handle for easy transportation.*

## 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 General and EDCO dual-headed surface grinders.
- Removes urethanes, mastics, expoxies 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 General and EDCO dual-headed surface grinders.
- 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.

## TC-GB Tungsten Carbide Grinding Block



A unique manufacturing process deposits small tungsten carbide balls within a weld filler matrix. As the softer matrix material wears with use, it continuously exposes new layers of tungsten carbide that can dramatically increase productivity rates over the silicon carbide stones. The design allows the blocks to resist clogging while delivering a service life up to 15 times longer than silicon carbide stones. Removal rates for 1/16 inch of concrete can approach 750 square feet per hour, making it ideal for larger projects.

- Fits General and EDCO dual-headed surface grinders.
- Tungsten carbide balls deposited in softer weld matrix.
- Increased productivity and service life over grinding stones.
- 6 inserts required per 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



Silicon Carbide stones are normally used to 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 high 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

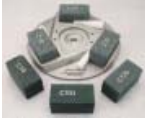
# STOW Attachments

## Surface and Grinder Accessory Ordering Guide



| Order No.                               | Description                                                                                                                                                                                                                                                                          |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>FLOOR SCRAPER</b>                    |                                                                                                                                                                                                                                                                                      |
| 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  |
| <b>DIAM-A-TACH</b>                      |                                                                                                                                                                                                                                                                                      |
| DIAMTACH-P                              | DiamTach Purple color: 40-50 grit; 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: 40-50 grit; 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: 40-50 grit; 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: 40-50 grit; 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: 40-50 grit; 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    |
| <b>TUNGSTEN CARBIDE GRINDING BLOCKS</b> |                                                                                                                                                                                                                                                                                      |
| TC-GB                                   | Tungsten Carbide Grinding Block, with plastic mounting wedge p/n 29019-017 — requires 6 per machine.                                                                                                                                                                                 |
| TC-GBKIT                                | Tungsten Carbide System kit, incl. 6 ea TC-GB blocks, 6 ea p/n 29019-017 mounting wedge, installation hammer, removal tool and tool box.                                                                                                                                             |
| <b>GRINDING STONES</b>                  |                                                                                                                                                                                                                                                                                      |
| 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.                                                                                                                                                                                                  |
| <b>SCARIFIER BLOCKS</b>                 |                                                                                                                                                                                                                                                                                      |
| 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 45/64" ID, x 1/8" wide, heat treated carbon steel. For use with all flails.                                                                                                                                                                               |
| <b>WIRE BRUSHES</b>                     |                                                                                                                                                                                                                                                                                      |
| 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.                                                                                                                                        |
| <b>CLEAN SWEEP FLOOR BRUSHES</b>        |                                                                                                                                                                                                                                                                                      |
| 29019-021                               | Clean Sweep rotary brush, 11" OD with silicon carbide impregnated bristles. Complete with mounting hardware. Requires 2 units per machine.                                                                                                                                           |
| <b>PLAS-T-LOK MOUNTING WEDGE</b>        |                                                                                                                                                                                                                                                                                      |
| 29019-017                               | Plas-T-Lok mounting wedge, high density plastic, requires 6 wedges per machine                                                                                                                                                                                                       |
| <b>SAFETY AND DUST SHIELD</b>           |                                                                                                                                                                                                                                                                                      |
| 29018-089                               | Safety and dust shield assembly kit—for Dual Head Grinder                                                                                                                                                                                                                            |
| 29018-019                               | Safety and dust shield assembly kit — for Single Head Grinder                                                                                                                                                                                                                        |

## 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                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------|-----------------------|-------------------------|---------------------------|-----------------------|------------------------|----------------------|---------------------|---------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <b>OK</b>             | <b>?</b>                |                           | <b>OK</b>             |                        |                      |                     |                           |                          | Used to remove less than 1/8" 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.                                    |
|    | ✓                     | ✓                       |                           | <b>?</b>              |                        |                      |                     |                           | ✓                        | 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 1/8" of concrete can approach 750 square feet per hour. Add external weight to Surface Grinder to increase productivity.                                         |
|    |                       |                         | ✓                         |                       |                        |                      | <b>?</b>            | <b>OK</b>                 |                          | 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.                                                                                                |
|    |                       | <b>OK</b>               |                           |                       | <b>?</b>               | <b>?</b>             | <b>?</b>            | ✓                         |                          | 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.                                                             |
|  |                       | <b>OK</b>               |                           | ✓                     | <b>OK</b>              | <b>OK</b>            | <b>OK</b>           |                           | ✓                        | 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. |
|  |                       |                         |                           |                       | ✓                      | ✓                    | ✓                   | ✓                         |                          | 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 Systek Kit includes blocks, wedges, hammer, removal tool and tool box.*

# STOW 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.

Stow Planers make your surface preparation seem plane easy.



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



*Model 8FP50E*



*Model 8FP55H*

Stow'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 Stow Planer to cut through high spots and irregularities on slab surfaces with greater consistency.

Visit the Planer Attachment section for more details.

## 23 reasons why your next planer should be a Stow 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.** 5 HP (3.7 kW) category gasoline; 5 HP (3.7 kW) electric, domestic or foreign voltage operation and 8.5 HP (6.3 kW) pneumatic.

**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.

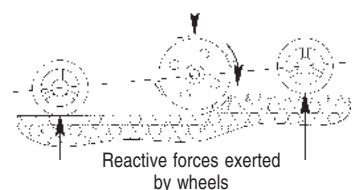
**Drum-height control lever.** Operator input controls drum height during operation. One complete revolution produces approximately  $\frac{1}{16}$ " vertical height movement.

### Why Is The Drum In Front Of The Wheels?

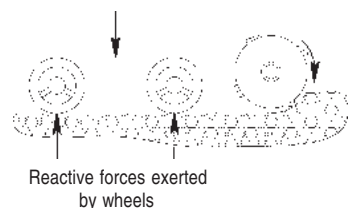
To maximize productivity and service life, it is essential for the wheels, and not the drum, to support the weight of the surface planer during operation. Positioning the drum in front of the wheels offers several operational advantages. For traffic line or surface coating removal, the front position 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**



# STOW 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                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|------------------------|---------------------------|-------------------------------------------------|------------------------------------------------------------------|
| <br><b>Pentagonal</b>                                                                                                                                                         | <br><b>29019-012</b>   |    | ✓                                             |                        | OK                        | ✓                                               | Use Pentakit 84-88. Includes 84 flails and 88 spacer washers.    |
| 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.                  |                                                                                                         |                                                                                     |                                               |                        |                           |                                                 |                                                                  |
| <br><b>Star</b>                                                                                                                                                               | <br><b>29021-010</b>   |   | ?                                             |                        | ✓                         | ?                                               | Use Starkit 124-120. Includes 124 flails and 120 spacer washers. |
| 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. |                                                                                                         |                                                                                     |                                               |                        |                           |                                                 |                                                                  |
| <br><b>Beam</b>                                                                                                                                                             | <br><b>29019-011</b> |  | OK                                            | ?                      | OK                        | OK                                              | Use Beamkit 124-120. Includes 124 flails and 120 spacer washers. |
| 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.                                                       |                                                                                                         |                                                                                     |                                               |                        |                           |                                                 |                                                                  |
| <br><b>Beam</b>                                                                                                                                                             | <br><b>29019-011</b> |  |                                               | ✓                      | ?                         |                                                 | Use Beamkit 184-56. Includes 184 flails and 56 spacer washers.   |
| 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.          |                                                                                                         |                                                                                     |                                               |                        |                           |                                                 |                                                                  |

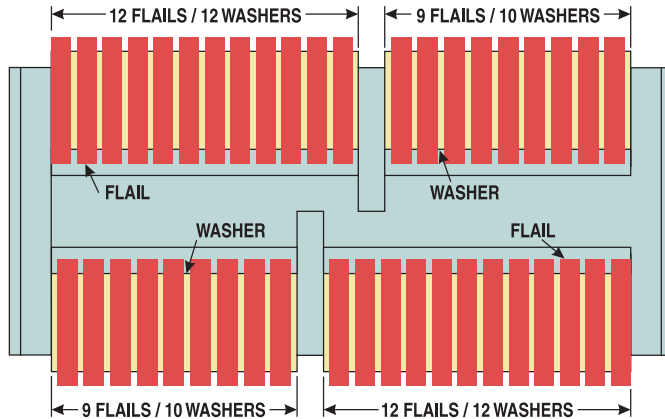
## Key to above chart:

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

**?** ..... Limited performance or productivity rates for most job applications

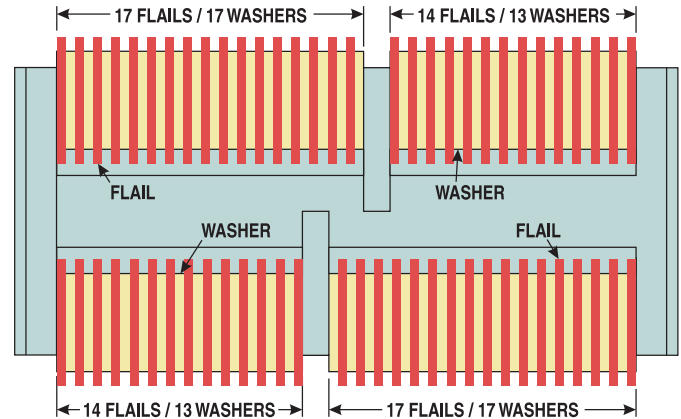
**✓** ..... Preferred method to produce maximum performance or productivity rates for most job applications

# Drum Loading Suggestions



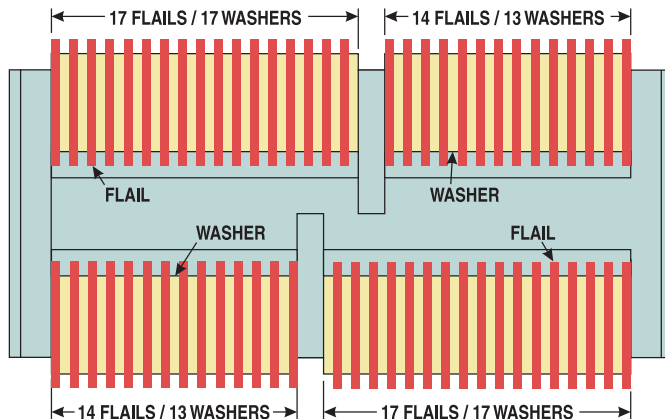
## Pentakit 84-88 (Broom Swept Finish)

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



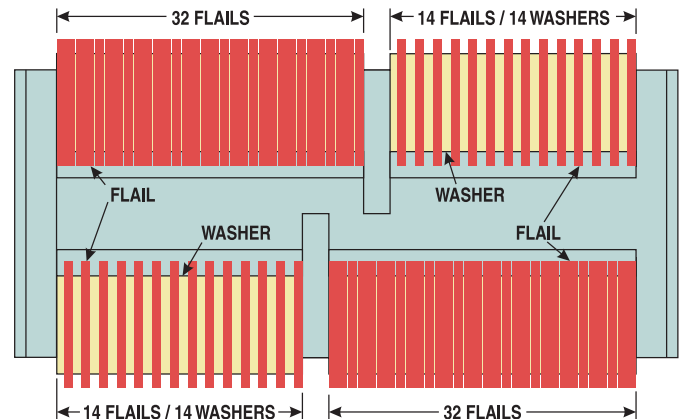
## Star Kit 124-120 (Broom Swept Finish)

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, Stow'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.**

# STOW Random Crack Saws

*No matter how well a pavement is designed and constructed, it will eventually crack. If left unattended, cracks will allow water, air and debris to enter the pavement structure. Water can weaken the base material; air will oxidize and age asphalt. And when it comes to sealing cracks, preparation is the key to a successful job.*

If done properly, crack sealing can add many years to the life of a pavement.

Stow's Random Crack Saws are designed to follow irregular crack patterns in asphalt and concrete surfaces. The unit utilizes 8" diameter, dry cut diamond blades in industry standard widths to produce smooth-sided cuts to prepare surfaces for proper crack filling. Maximum straight line cutting depth is 1½".

The 3" diameter vacuum port for dust control allows attachment of a vacuum system for maximum dust evacuation.



Model RCC130H



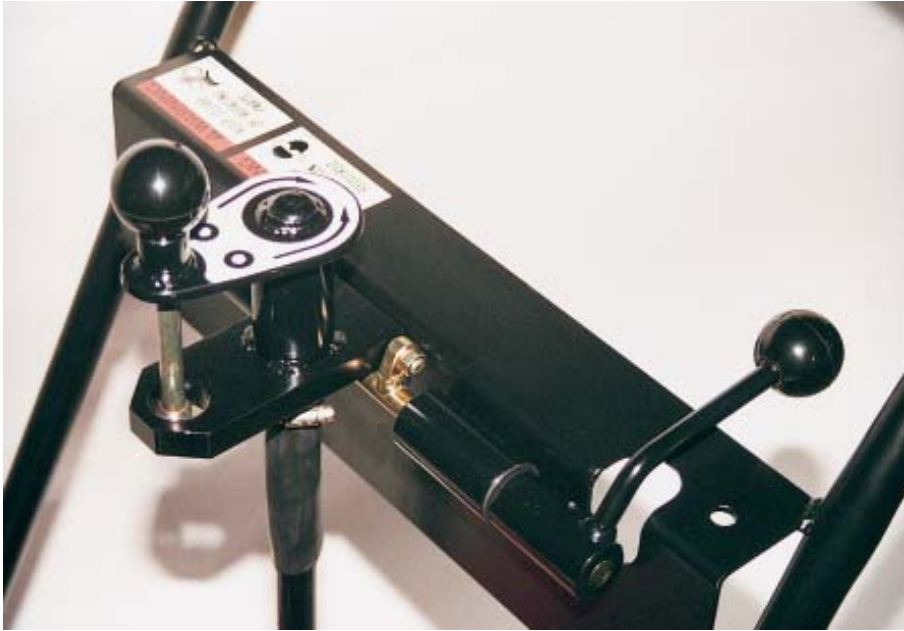
Structural integrity is essential in a random crack saw. Because most cracks have a random pattern, the blade receives a substantial side-load in the chasing process. This side-loading translates into vibration and extreme stress on the machine, which can lead to weld failure or frame distortion.

Stow's Random Crack Saw features a welded, unitized frame, extra-heavy duty, sealed swivel casters, 8" diameter rubber-backed rear wheels, and twin row, externally greasable bearings for easy maintenance.

Twin belts power the 1" diameter arbor shaft in a down cut rotation as viewed from the operator.

The center-mounted blade configuration allows the RCC130H to pivot about its own axis to more accurately follow random crack patterns. The extra control affords easier handling than crack saws with side-mounted blades. With this unique configuration, extended blade life is realized by minimizing warpage potential. Direct line visibility to the operator helps keep productivity high.

Stow quality, Stow support for satisfied customers.



*Infinitely adjustable blade height allows continuous control by the operator. Each complete rotation accounts for  $\frac{1}{16}$ " height adjustment.*



*Belt guard removed for visibility; optional diamond blade shown.*



**825PCCA Diamond Blade — 8" Dia. x .250" thickness — for asphalt and green concrete.**



*A quick release lever returns the saw blade to the previous set depth for depth-controlled cutting.*



In order to repair a crack, you must first create a clean, dry reservoir area for the crack sealant to adhere to. One of the most common methods to do this is to saw the crack out, providing a trough to accept the patching material. A random crack saw is used to widen a crack and roughen its edges so a filler or sealer can be placed and used on both asphalt and concrete for cracks up to  $\frac{1}{2}$ " wide.

As a general rule, if the crack is as thick as a credit card, then it needs to be sawed.

## Accessories

| P/N             | Description                                                          |
|-----------------|----------------------------------------------------------------------|
| <b>825PCCA</b>  | Diamond Blade 8" x .250 cutting width for asphalt and green concrete |
| <b>837PCCA</b>  | Diamond Blade 8" x .375 cutting width for asphalt and green concrete |
| <b>8500PCCA</b> | Diamond Blade 8" x .500 cutting width for asphalt and green concrete |
| <b>825PCC</b>   | Diamond Blade 8" x .250 cutting width for fully cured concrete       |
| <b>837PCC</b>   | Diamond Blade 8" x .375 cutting width for fully cured concrete       |
| <b>8500PCC</b>  | Diamond Blade 8" x .500 cutting width for fully cured concrete       |
| <b>RCCWC</b>    | Valve-controlled water feed system                                   |

# STOW Floor Covering Scraper

Now there is an easier way to remove floor coverings. The Stow 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  $\frac{3}{4}$  HP fan-cooled, capacitor-start motor, even your most demanding jobs can be quickly and easily completed.

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



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

## 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.



A high frequency, vibrating cutting blade removes vinyl tile in this application.



The compact design and large 8" wheels allow a single operator to transport the machine to the next floor.



Operating at 10.3 amps under full load, the SFCS16 can be plugged into any regular 15 amp electrical circuit. 37 feet of GFI-protected extension cord is standard with each unit.



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

## Accessories

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

# STOW Floor Preparation Equipment Specifications

## Grinders

|                                     | DUAL HEAD                                                     |                                     |                                         | SINGLE HEAD                                                   |
|-------------------------------------|---------------------------------------------------------------|-------------------------------------|-----------------------------------------|---------------------------------------------------------------|
| Model                               | DFG110H                                                       | DFG20E                              | DFG30E                                  | SFG10E                                                        |
| Engine                              | Honda GSV340                                                  | Leeson                              | Leeson                                  | Franklin                                                      |
| HP (kw)                             | 11 (82)                                                       | 2 (1492)                            | 3/2.5 (2.2/1.9)                         | 1.5 (1.1)                                                     |
| Voltage                             | N/A                                                           | 115/230                             | 230/220                                 | 115                                                           |
| Hz                                  | N/A                                                           | 60                                  | 60/50                                   | 60                                                            |
| Full Load Amp (FLA Rating)          | N/A                                                           | 16.8 @ 115V;<br>8.4 @ 230V          | 12.3 @ 230V 60 Hz;<br>11.8 @ 220V 50 Hz | 13.7                                                          |
| Starting Power Requirement Amp (kw) | N/A                                                           | 84 (9.6) @ 115V;<br>42 (4.8) @ 230V | 62 (14.3) @ 230V;<br>59 (13) @ 220V     | 48 (5.5)                                                      |
| Engine RPM                          | 3600                                                          | 3450                                | 3450/2850                               | 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)                                                   | 372 (168.7)                         | 377 (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) |

## 8" Floor Planer

| Model                                        | 8FP55H                                 | 8FP50E                                           |
|----------------------------------------------|----------------------------------------|--------------------------------------------------|
| Engine                                       | Honda GX160                            | Leeson                                           |
| HP (kw)                                      | 5 (3.7)                                | 3/2.5 (2.2/1.9)                                  |
| Voltage                                      | N/A                                    | 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                                         |
| Starting Method                              | Recoil                                 | N/A                                              |
| Drive Shaft in. (mm)                         | 1 <sup>3</sup> / <sub>16</sub> (21)    | 1 <sup>3</sup> / <sub>16</sub> (21)              |
| Max. Cutting Depth in. (mm)                  | 5/8 (16)                               | 5/8 (16)                                         |
| Max. Cutting Width in. (mm)                  | 8 (203)                                | 8 (203)                                          |
| Max. Cutting Width to Vertical Wall in. (mm) | 3 1/4 (83)                             | 3 1/4 (83)                                       |
| Dust Port Connection in. (mm)                | 3 (76)                                 | 3 (76)                                           |
| Overall Width in. (mm)                       | 17.5 (419)                             | 17.5 (419)                                       |
| Operator Handle Height in. (mm)              | 39.5 (1003)                            | 39.5 (1003)                                      |
| Overall length in. (mm)                      | 39.25 (997)                            | 39.25 (997)                                      |
| Weight lbs. (kg)                             | 170 (77.3)                             | 195 (88.4)                                       |
| Shipping Weight lbs. (kg)                    | 200 (90.7)                             | 242 (110)                                        |
| Notes                                        | Includes two-section drum p/n 2902-003 |                                                  |

## Floor Covering Removal Machine

| Model                                    | SFCS16                                                                                   |
|------------------------------------------|------------------------------------------------------------------------------------------|
| Engine                                   | Leeson                                                                                   |
| HP (kw)                                  | .75 (.56)                                                                                |
| Voltage                                  | 115/230                                                                                  |
| Hz                                       | 60                                                                                       |
| Full Load Amp (FLA Rating)               | 10.3                                                                                     |
| Starting Power Requirement Amp (kw)      | 52                                                                                       |
| Min. Circuit Breaker Requirement Amp     | 15                                                                                       |
| RPM                                      | 1725                                                                                     |
| Fuel                                     | Electric                                                                                 |
| 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 (368)                                                                               |
| 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 lbs. (kg)                         | 130 (59)                                                                                 |
| Shipping Weight lbs. (kg)                | 186 (84.3)                                                                               |
| Notes                                    | Includes FC6S (6" straight blade), FC10S (10" straight blade), and 37 ft. extension cord |

## Random Crack Saw

| Model                                    | RCC130H                     |
|------------------------------------------|-----------------------------|
| Engine                                   | Honda                       |
| HP (kw)                                  | GC340                       |
| RPM                                      | 3400                        |
| Fuel                                     | 4-cycle gas                 |
| Starting Method                          | Recoil                      |
| Arbor Shaft Diameter in. (mm)            | 1 (25)                      |
| Nominal Blade Diameter in. (mm)          | 9 (203)                     |
| Max. Cutting Depth (w/8" blade) in. (mm) | 1.5 (38)                    |
| Max. Recommended Cutting Width in. (mm)  | 1/2 (13)                    |
| Optional Blades Available                | 1/4 (6), 3/8 (10), 1/2 (13) |
| Overall Width in. (mm)                   | 27.5 (699)                  |
| Operator Handle Height in. (mm)          | 43 (1092)                   |
| Overall length in. (mm)                  | 52 (1321)                   |
| Weight lbs. (kg)                         | 290 (132)                   |
| Shipping Weight lbs. (kg)                | 365 (165.5)                 |
| Notes                                    | Diamond blades optional     |

Your Stow dealer is:

**STOW**  
A DIVISION OF MULTQUIP INC.

STOW CONSTRUCTION EQUIPMENT

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All specifications and features are subject to change without notice.  
Engine colors may change depending on engine manufacturer availability.  
STOWFLGRND-360 Rev. E (02-05)