

# USA

# Dust Guard



## 120 Volt — High Production Grinders (5)

EACH MACHINE DOES IT ALL

GRIND CONCRETE ! COATING REMOVAL  
POLISH ! SAND ! SCARIFY CONCRETE



Division of Scott Electric • 412-605-2992

— From a 15 Amp 120 Volt Circuit —

## 17", 20" Severe-Duty Concrete Grinders

— Takes Productivity to Another Level

Unsurpassed in Power, Performance, Durability, Simplicity, Versatility

- 360° Integrated Dust Pick-Up - collects airborne dust and floor debris in the brush cover and directs it upwards to the 2" vacuum port
- Floating head - follows the contour of the floor to ensure flat and uniform grinding and polishing results ~ prevents digs and ring marks
- Powered by TEFC Motor (Totally Enclosed Fan Cooled) - protected from dust, debris, slurry
- 11:1 Gear Ratio w/ High Torque & XHD Gears to drive scrapers & diamonds
- **Wheels-Down Machine** - 100% increase in productivity vs. a wheels-up / swing machine. Additionally, there's NO learning curve with a wheels-down machine (you're not fighting against the swing movement.)

**DIRECT DRIVE GEARBOX:** Maintenance is minimal and simple. Torque and motor efficiency is maximized resulting in lower amp draw and friction loss.

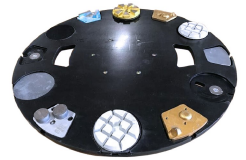
**Vs. BELT-DRIVE PLANETARY GEARBOX:** Produces higher RPM speeds for concrete polishing, torque is drastically less, maintenance and belt replacement is constant.

### USA "SIMPLIFIED" ENGINEERING

- Foot operated 'tilt back' for easy transporting
- Dual steel operating triggers with negative pressure on/off switch
- Disassembles for easy handling down stairs
- 2" x 8" non-marking load bearing, ball bearing wheels
- Thumb-operated safety switch with comfort cushion grips
- Includes removal weight set: (4) 20 lb plates and locking pins.

Diamond Driver Floor Plate Available for each grinder.

Accepts carbide scrapers, diamonds, PCD's, resin pads.



< [click here for plate & tooling info](#) >

### Specifications: Severe Duty, 120 Volt Direct Drive Grinders

Model	F75-17B	\$3,000.00	F75-20B	\$3,100.00
Machine Size	17"		20"	
Pad Size / Speed	16" / 165 RPM		19" / 165 RPM	
Direct-Drive Coupler	Steel - not fiberglass which breaks			
Plate Rotation	Counterclockwise (as viewed from the handlebars)			
Max Amp Draw / Weight	7.9 Amp / 233 lbs.		8.5 Amp / 235 lbs.	
Warranty	1-Year			
Motor	1.5 HP, 180 Frame TEFC Dual Capacitor AC			
Power	120 - 240V, 60 Hz Power			
Power Cord	50 ft 2-pc (12-3) SJTOW w/ Yellow Twist Lock			
Drive System	Triple-XHD 11:1 Helical-Cut Industrial Gears			



Includes 80 lbs of weighted plates with locking pins.



Integrated 360° Dust Apron — directs debris to the vacuum port.



5 handle positioning heights with pin-set lock.



Built-In Dust Control with 2" vacuum port.



Backed by the best warranty - these machines don't break down!

# USA

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# 26" Dual-Head Grinder

## 120 V Direct Drive – Low Amp Draw

Dual Voltage - Switch from 120v 14.9 Amp Draw to 240 Volt

Grind ! Scarify ! Coating Removal ! Polish

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HAWK GP26 dual motor floor surfacing machine is a high production low fatigue grinder for concrete floor technicians. Cover 26" per pass running from 120 volt 20 amp circuit. A USA engineering design uses an AC 120-240V 50/60 Hz motor (2) that easily converts *in the field* from 120 to 240 volt.

Use for grinding, polishing, coating and sealer removal, scarifying and deep cleaning concrete, natural stone and other hard surfaces. Engineered to finish within 1/2" of walls. Operators can use the dual forward and reverse plate driver switch for navigating irregular surfaces and obstacles with ease.

Two-piece design allows the handle-carriage to be easily separated from the dual motor head – advantageous when the grinder needs transported to hard to reach locations such as basements or mezzanines.

Includes: (2) 13" Diamond Driver Plates to Grind Concrete, Remove / Coatings, Scarify Concrete and Polish Concrete.

[Click here for plate & tooling info.](#)



### 26" GRINDER - USA "SIMPLIFIED" ENGINEERING

- Control center is front & center to the operator
- Floating heads - ensures the tooling grinds or scrapes flat and fast, follows the floor's contour, prevents dig and ring marks
- Powered by a TEFC (Totally Enclosed Fan Cooled) Motors - motor is protected from dust, debris and slurry
- 11:1 *Direct Drive* Gear Ratio - torque to drive scrapers & metal diamonds
- 3-position handle for transport, operation and storage
- 120 lumen LED lights (2-Sides, 2-Forward) ! 2" x 10" grooved non-marking transport wheels
- Detachable handle-carriage for transport ! Dual AC-TEFC Motors with 11:1 XHD gears
- Removable collar weights ! Built-in dust control with 2" exhaust port.



### Specifications: GP26 Direct Drive, 120 Volt Grinder: **\$6,593.00**

Model	F61-26
Machine Size	26"
Pad Size / Speed	13" x 2 / 165 RPM
Direct-Drive Coupler	Steel - not fiberglass which breaks
Plate Rotation	Clockwise & Counterclockwise
Max Amp Draw / Weight	14.9 Amp / 348 lbs.
Warranty	1-Year
Motor (2)	1.0 HP, 180 Frame TEFC Dual Capacitor AC
Power	120 - 240V, 60 Hz Power
Power Cord	50 ft 2-pc (12-3) SJTOW w/ Yellow Twist Lock Plug
Drive System	Triple-XHD 11:1 Helical-Cut Industrial Gears



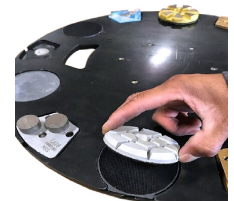
Carriage mounts with lock pins for easy removal.



Finish to within 1/2" of walls.



Counter-Rotating Tools / Drivers.



Diamonds, PCD's, carbide scrapers - easy mount.

# USA

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## 10" & 13" Mini High-Torque Grinders

For Small, Tight Places – Short 14.5" Motor Height

Grind ! Scarify ! Coating Removal ! Polish

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## Performance, Versatility, Value

Exceptional Performance for Small Rooms, Tight Places, Edging, Stairs

### Direct Drive - High Torque, Low RPM - Concrete Grinders

- 1.0 HP, 56C Frame, Dual Capacitor, AC Motor
- 115 - 230V, 60 / 60 Hz Power
- TEFC (Totally Enclosed Fan Cooled) Motor - protects from dust, debris, slurry
- 11:1 Severy-Duty Helical-Cut Industrial Gears, Case Hardened with Steel Coupler - provides high torque to drive scrapers & metal diamonds
- Optional Dust Control Glide Skirt with 1-1/2" vacuum port.

### Energy, Performance, Maintenance: Direct Drive Gear Vs. Planetary Gearbox

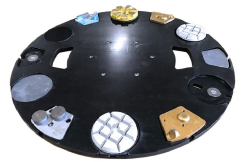
Direct drive uses metal and helical-cut gears to drive the diamond plate: energy and efficiency are maximized, friction loss (which reduces amp draw) is minimized, and maintenance and break-downs are virtually zero (no worn belts to replace) Vs. a belt-drive, planetary gearbox: belts create high RPM but far less torque which is ideal for polishing, but significantly less effective for grinding and coating removal *and* amp draw is 3-times greater.

### USA ENGINEERED

- Handle with 6-Position Pin Lock
- Dual steel operating triggers with negative pressure on/off switch
- All steel construction with welded, powder-coated frame
- 1" x 5" non-marking, load bearing, ball bearing wheels
- Thumb-operated safety switch with comfort cushion grips
- Optional dust kits w 1.5" vacuum port
- Optional diamond driver plate to grind, scarify, remove coating & polish.

Diamond Driver Floor Plate Available for each model.

Accepts carbide scrapers, diamonds, PCD's, resin pads.



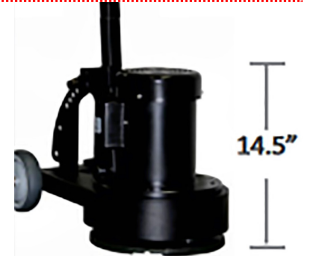
< [click here for plate & tooling info](#) >

### Specifications: Severe Duty Mini Floor Grinders

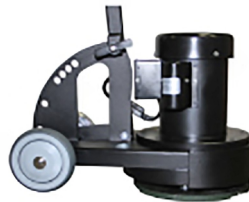
Model	F60-10-01	\$989.65	F60-13-01	\$1,012.60
Machine / Claw Plate Size	10"		13"	
Pad Size / Speed	10" / 165 RPM		13" / 165 RPM	
Coupler	Steel - not fiberglass which breaks			
Plate Rotation	Counterclockwise (as viewed from the handlebars)			
Max Amp Draw / Weight	5.9 Amp / 71 lbs..			
Warranty	1-Year			
Motor	1.0 HP, 56 Frame TEFC Dual Capacitor AC			
Power	120 - 240V, 60 Hz Power			
Power Cord	35 ft 2-pc (14-3) SJTOW w/ Molden Plug			
Drive System	Triple-XHD 11:1 Helical-Cut Industrial Gears			
Approvals	UL / CUL Listed, 64 dB - Meets GS42 Standard			



Works in tight spaces.



Low Rise Profile - easy working under sinks and partitions.



48" Handle with 6-Position Pin Lock.



Optional Dust Kits: 10" \$229.00, 13" \$239.00

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## Concrete Polishing - Optional Plate

## Planetary - Counter Rotating, 6-Head

## Polish Concrete & Stone Floors @ 400 RPM!

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### Professional Polishing of Concrete & Stone Floors

Planetary Design - 400 RPM, Counter-Rotating Heads (6)

**Increases Diamond Speed from 165 to 400 RPM!**



Orbitec Diamond Plate with (6) 3" Diamond Resin Pad Holders

— Plate Spins Counterclockwise @ 175 RPM —  
— (6) Heads Spin Clockwise @ 400 RPM —  
(Rotations, as viewed from the handlebars)

- (6) Independent, Counter-Rotating Heads: Completely sealed from debris & slurry, spin 3" diamond resin pads at 400 RPM — 60% faster than the clockwise spinning "Orbitec" Driver Plate
- Professional Polishing Results: the planetary action allows the grinder to smoothly move across floors with ease, providing greater torque at starting then transfers to the individual heads (6) to increased RPM speed for professional polishing of concrete and stone floors
- Steel Milled Clutch Plate: HD durability, provides easy on-and-off mounting of the Orbitec Driver Plate.
- Three Sizes: 13", 17" and 20"
- Electroplated 1/2" Thick Steel Plates: built with replaceable pedestal heads. Black electrostatic powder coating resists corrosion and scratching.
- Plates mount to most conventional designed 3-tab floor machines.
- 6-Heads with hook'n loop facing, securely mount and hold 3" round diamond pads
- Diamond pads, shown below, are quickly changed without shop tools
- [To order Diamond Pads, click here.](#)



Orbitec Driver Plate (bottom view) with Steel Milled Clutch Plate



ELKHART, IN

Specifications			
Model	13" Orbitec Tool Driver	17" Orbitec Tool Driver	20" Orbitec Tool Driver
Item No	HP0013	HP0017-3	HP0020-3
Driver Diameter	12.5"	16.5"	19.5"
Weight	25 lbs.	46 lbs.	64 lbs
Price	\$ 696.00	\$ 860.00	\$ 879.00



Semi-Metal (30 - 400 Grit) & Resin Polishing Pads (50 - 300 Grit)



Orbitec driver plate rotates at 175 RPM, individuals heads (6) rotate counter-clockwise at 400 RPM.

[To order Orbitec Polishing Driver Plates online, click here.](#)