THE SHARK® Series
Models 7008-7009-7010
Grinder Pump
1.0, 1.5 & 2.0 HP

FEATURES:
• Tri-Slice®, two-bladed, high-torque cutter
• Scissor-style cutting action shreds solids down to 7/32" and smaller
• Durable heavy duty, finned cast iron construction
• Corrosion resistant, powder coated epoxy finish
• Oil-filled, hermetically sealed motor with Class B insulation
• Stainless steel motor shaft
• Upper and lower ball bearings running in bath of oil
• Hardened 440C stainless steel cutter and disc, Rockwell C55-60
• Stainless steel lifting handle, screws, and bolts
• Carbon/Silicon carbide mechanical shaft Seal
• Viton square ring and gasket
• Automatic thermal overload protection (1 Phase)
• Automatic with integral control or nonautomatic models

Product may not be exactly as pictured.
All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).
PUMP SYSTEM COMPONENTS

(A) GRINDER PUMP STANDARD FEATURES:
- 1-1/4” NPT vertical discharge
- Carbon/Silicon carbide shaft seal
- Thermal overload protection
- Engineered, glass-filled plastic impeller with stainless steel insert
- 440C Stainless steel cutter plate/cutter, Rockwell C55-60 hardened
- 416 Stainless steel motor shaft
- 304 Stainless steel hardware
- Viton square ring and gasket
- 20’ (6 m) power cord
Options:
- Extra length cords
- Weight optional for high water alarms
- Dry contacts
- Test switch for alarm and light
- UL listed

SIMPLEX PANELS: (For use with non-automatic pumps)
- P/N 10-1013 1 Ph, 7.0-15.0 Amps
- P/N 10-1078 3 Ph, 2.5-4.0 Amps, 200-460 V
- P/N 10-1080 3 Ph, 4.0-6.3 Amps, 200-460 V
- P/N 10-1082 3 Ph, 6.0-10.0 Amps, 200-460 V
- P/N 10-1083 3 Ph, 9.0-14.0 Amps, 200-460 V
- P/N 10-1134 3 Ph, 2.5-4.0 Amps, 575 V

DUPLEX PANELS: (For use with non-automatic pumps)
- P/N 10-4464 1 Ph, 7.0-15.0 Amps
- P/N 10-1106 3 Ph, 2.5-4.0 Amps, 200-460 V
- P/N 10-1108 3 Ph, 4.0-6.3 Amps, 200-460 V
- P/N 10-1110 3 Ph, 6.0-10.0 Amps, 200-460 V
- P/N 10-1111 3 Ph, 9.0-14.0 Amps, 200-460 V
- P/N 10-1156 3 Ph, 2.5-4.0 Amps, 575 V

HIGH WATER ALARMS: (For use with automatic pumps)
All alarms come with 15’ variable level float switch.
- P/N 10-0412 indoor only
- P/N 10-0623 indoor/outdoor
- P/N 10-0126 indoor/outdoor w/ dry alarm contacts

(C) FLOAT SWITCHES
- 3 float switches required for simplex applications
- 3 or 4 float switches required for duplex applications
- Weight optional for high water alarms
- P/N 10-0744 Float switch w/ 20’ cord
- P/N 10-1878 Float switch w/ 35’ cord
- P/N 10-1879 Float switch w/ 50’ cord
- P/N 10-0689 Weight only

(D) JUNCTION BOXES (optional)
SIMPLEX SYSTEM:
- P/N 10-0579 Qwik Box, 115 Volt, 15 Amp Max.
- P/N 10-0580 Qwik Box, 230 Volt, 20 Amp Max.
- P/N 10-0647 For 3-float outdoor package

DUPLEX SYSTEM:
- P/N 10-0648 For 3-float systems
- P/N 10-0649 For 4-float systems

(E) PREPACKAGED INDOOR SYSTEM STANDARD EQUIPMENT
- Fiberglass basin w/ fiberglass anti-floatation ring
- Rust-resistant steel cover (epoxy coated)
- Inspection plate
- Pump access cover (2) for duplex
- (1) 3” Adaptaflex vent seal
- (1) 1-1/4” Adaptaflex discharge pipe seal
- Cord seal
- (1) 4” Adaptaflex inlet pipe seal (field-installed)
- Pump support hardware
- 1-1/4” NPT cast iron check valve (2) for duplex
- 1-1/4” PVC Ball valve (2) for duplex

SIMPLEX SYSTEM:
- P/N 10-0648 For 3-float systems
- P/N 10-0649 For 4-float systems

TYPICAL SIMPLEX INDOOR SYSTEM

PREPACKAGED AND JOB READY SYSTEMS - INDOOR

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(F) PREPACKAGED OUTDOOR SYSTEM WITH Z-RAIL TECHNOLOGY

- Fiberglass basin with fiberglass anti-flotation ring
- 2" Schedule 80 PVC discharge piping
- 1-1/4" x 2" Z-Rail® disconnect system, epoxy coated ductile iron
- 3/4" Galvanized rail pipes
- Stainless steel lifting cable and bail
- 2" PVC ball valve (installed)
- 2" cast iron check valve (installed)
- Pre-wired PVC float tree
- (1) 4" rubber inlet pipe seal (field install)
- (1) 2" pipe seal (field install) for electrical conduit
- Solid fiberglass cover with Zoeller imprint

SIMPLEX

☐ 24" x 48" (61 x 122 cm) P/N 33-2054
☐ 24" x 60" (61 x 152 cm) P/N 33-2057
☐ 24" x 72" (61 x 183 cm) P/N 33-2060
☐ 24" x 84" (61 x 213 cm) P/N 33-2063
☐ 24" x 96" (61 x 244 cm) P/N 33-2069
☐ 24" x 108" (61 x 274 cm) P/N 33-2075
☐ 24" x 120" (61 x 305 cm) P/N 33-2078
☐ 30" x 48" (76 x 122 cm) P/N 33-2081
☐ 30" x 60" (76 x 152 cm) P/N 33-2084
☐ 30" x 72" (76 x 183 cm) P/N 33-2087
☐ 30" x 84" (76 x 213 cm) P/N 33-2090
☐ 30" x 96" (76 x 244 cm) P/N 33-2096
☐ 30" x 108" (76 x 274 cm) P/N 33-2102
☐ 30" x 120" (76 x 305 cm) P/N 33-2105

DUPLEX

☐ 36" x 48" (91 x 122 cm) P/N 33-2108
☐ 36" x 60" (91 x 152 cm) P/N 33-2111
☐ 36" x 72" (91 x 183 cm) P/N 33-2114
☐ 36" x 84" (91 x 213 cm) P/N 33-2117
☐ 36" x 96" (91 x 244 cm) P/N 33-2123
☐ 36" x 108" (91 x 274 cm) P/N 33-2129
☐ 36" x 120" (91 x 305 cm) P/N 33-2132
☐ 48" x 48" (122 x 122 cm) P/N 33-2135
☐ 48" x 60" (122 x 152 cm) P/N 33-2138
☐ 48" x 72" (122 x 183 cm) P/N 33-2141
☐ 48" x 84" (122 x 213 cm) P/N 33-2144
☐ 48" x 96" (122 x 244 cm) P/N 33-2150
☐ 48" x 108" (122 x 274 cm) P/N 33-2156
☐ 48" x 120" (122 x 305 cm) P/N 33-2159

OPTIONS

- Steel hatch cover
- Aluminum hatch cover
- Special sizes and configurations (consult factory)

PREPACKAGED AND JOB READY SYSTEMS - OUTDOOR

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FIELD-ASSEMBLED SYSTEM COMPONENTS

Z-Rail® Disconnect System for 1-1/4" pump discharges (Rail System discharge is 2" NPT male thread)

- Ductile iron construction
  - P/N 39-0134 WGT. 43 lb (19.5 kg)
- With stainless steel upper rail support
  - P/N 39-0135 WGT. 43 lb (19.5 kg)

Stainless Steel Lifting Bail

- P/N 10-0789 Required

Intermediate Stabilizer Bracket for every 12' (3.7 m) of depth

- Stainless steel construction
  - P/N 39-0139 WGT. 6 lb (2.7 kg)

Check Valves

- 1-1/4" Cast iron NPT female
  - P/N 30-0163 WGT. 7.5 lb (3.4 kg)
- 2" Cast iron NPT female
  - P/N 30-0152 WGT. 10 lb (4.5 kg)

Ball Valves

- 1-1/4" Slip to slip
  - P/N 30-0165 WGT. 2 lb (0.9 kg)
- 2" Slip to slip
  - P/N 30-0167 WGT. 2.5 lb (1.1 kg)

Stainless Steel Lifting Cable

- 8' (2.4 m)
  - P/N 39-0031 WGT. 1 lb (0.5 kg)
- 12' (3.7 m)
  - P/N 39-0032 WGT. 1 lb (0.5 kg)

TYPICAL SIMPLEX OUTDOOR SYSTEM

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