

Description, Specifications and Standard Equipment

Description

The RIDGID K-60SP is a portable Drain Cleaning Machine designed to clean 1 1/4" to 4" drain lines. Applications include laundry tubs, floor drains, roof vents and stack lines. Rear handle allows for transporting up ladders and cleaning roof-top vent stacks.

The machine is driven by a 1/2 HP motor that has a grounded electrical system. An integral Ground Fault Interrupter (GFCI) is built into the line cord. A toggle switch provides FOR/OFF/REVERSE control of the motor.

The K-60SP is designed to use sectional-type cable that has a quick change coupling system for disconnecting tools. The cable is manually fed in and out of the drain and rotates at a speed of 600 RPM. The rotation of the cable is controlled by a clutch handle. The cable stops instantly when the clutch handle is released. An adjustment knob allows the K-60SP to use both 5/8" and 7/8" sectional cable.

Specifications

Line Capacity Depends on choice of cable.
Refer to the following chart for recommendations.

Recommended Line Size and Reach

Cable Size	Line Size	Reach
5/8" Cable	1 1/4 - 4	125'
7/8" Cable	2 - 4	150'

Cable Sizes 7/8" and 5/8" sectional

Cable Speed 600 rpm

Motor

Type 115V/60 Hz, Reversible

Rating 1/2 HP

Amps 7

Weight 43 lbs. (19,5 kgs.)

Dimensions:

Length 18.0" (450mm)

Width 9.5" (240mm)

Height 14.0" (356mm)

Standard Equipment

Model No.	Description
K-60SP	K-60SP Sectional Machine 115 volts/60 Hz includes: A-1 Operator's Mitt A-60-12 Rear Guide Hose



Figure 1 – K-60SP Drain Cleaner

K-60SP-SE	K-60SP as above, plus: A-61 Tool Kit: – T-101 Straight Auger – T-102 Funnel Auger – T-107 Spade Cutter – T-125 Retrieving Auger – T-150-1 Sharktooth Cutter – A-3 Tool Box – A-12 Pin Key A-62 Cable Kit: – Five Sections C-10, 7/8"x15' Cable – A-8 Cable Carrier
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Figure 2 – K-60SP-SE Drain Cleaner



Figure 10 – Jaw Set Adjustment

5/8" Diameter Cable

- If the jaw set does not engage the cable when the clutch handle is pressed, the jaw set is open too wide.
- Remove the rear guide hose from the jaw housing adjustment knob.
- Loosen the set screw with 1/4" hex key (Figure 9).
- Turn the adjustment knob clockwise until the cable is engaged by the jaw set when the clutch handle is pressed (approximately 2 turns) (Figure 10).
- If necessary, turn the adjustment knob in the direction required so that the clutch handle engages the cable at the position desired by the operator.
- Tighten the set screw.
- Reattach the rear guide hose.

Accessories

⚠ WARNING Only the following RIDGID products have been designed to function with the K-60SP Drain Cleaning Machine. Other accessories suitable for use with other tools may become hazardous when used on the K-60SP. To prevent serious injury, use only the recommended accessories.

Cable Selection Chart

Model	Length	Size/Type	Typical Application	Characteristics
C-7	7 1/2'	5/8" (16mm)	2" & 3" Floor drains	Tight wind cable providing good rigidity in a hollow core cable. Not recommended for tree roots.
C-8	7 1/2'	5/8" (16mm)	Drain Lines 1 1/4" – 2". Ideal for proper cleaning of small lines	Open wind cable that is more flexible than C-7. Open wind acts as an auger to thoroughly remove blockages in small lines.
C-9	10'	5/8" (16mm)	Drain Lines 2" – 4". Ideal for drains and stacks	Heavy-duty open wind cable ideal for long runs in indoor lines.
C-10	15'	7/8" (22mm)	Drain Lines 2" – 4". Roof-top vent stacks	Standard all-purpose open wind. Excellent flexibility.

7/8" Cable and Leader

Catalog No.	Model No.	Description
62275 30007	C-10 T-127	15' All-Purpose Wind (4.6m) 7/8" Trap Leader

5/8" Cables

Catalog No.	Model No.	Description
51317	C-9	10' Heavy-Duty (3m)
62270	C-8	7 1/2' All-Purpose Wind (2.3m)
62265	C-7	7 1/2' Tight-Wind (2.3m)

Cable Kits and Tool Kit

Catalog No.	Model No.	Description
61630	A-62	Standard Equipment Cable Kit for K-60SP-SE, includes: – Five Sections C-10, 7/8" x 15' Cable (75',23m) – A-8 Cable Carrier
61625	A-61	Standard Equipment Tool Kit for K-60SP-SE includes: – T-101 Straight Auger – T-102 Funnel Auger – T-107 Spade Cutter – T-125 Retrieving Auger – T-150-1 Sharktooth Cutter – A-3 Tool Box – A-12 Pin Key
48472	A-35	5/8" Cable Kit, includes: – Six Sections C-8, 5/8" x 7 1/2" Cable (45',14m) – A-10 Cable Carrier – T-201 Straight Auger – T-202 Bulb Auger – T-205 "C" Cutter – T-211 Spade Cutter – A-13 Coupling Pin Key
48477	A-35TW	5/8" Tight-Wind Cable Kit, substitutes C-7 for C-8 in above package

Tools for C-10 Cable

Catalog No.	Model No.	Description
62850	T-101	Straight Auger
62855	T-102	Funnel Auger
27642	T-125	Retrieving Auger
62860	T-103	Sawtooth Cutter, 2 1/2"
62865	T-104	"H" Cutter, 2 1/2"
62870	T-105	Grease Cutter, 2 1/2"
62875	T-106	Grease Cutter, 3 1/2"
62880	T-107	Spade Cutter, 1 3/4"
62915	T-109	Spiral Sawtooth Cutter, 1 3/4"
62920	T-110	Spiral Sawtooth Cutter, 2 1/4"
62925	T-111	Spiral Sawtooth Cutter, 3"
62930	T-112	4-Blade Cutter, 1 3/4"
62935	T-113	4-Blade Cutter, 3"
98050	T-150	Sharktooth Cutter, 3" and 4"
98055	T-150-1	Sharktooth Cutter, 3" Blade
98060	T-150-2	Sharktooth Cutter, 4" Blade
62940	T-114	Chain Knocker

Tools for C-7, C-8, and C-9 Cables

Catalog No.	Model No.	Description
62990	T-201	Straight Auger
62995	T-202	Bulb Auger, 1 1/8" O.D.
63000	T-203	Bulb Auger, 7/8", O.D.
55457	T-225	Retrieving Auger
63065	T-217	Drop Head
54837	T-204	"C" Cutter, 1"
63005	T-205	"C" Cutter, 1 3/8"
63010	T-206	Funnel Auger
63015	T-207	Spiral Cutter, 1 1/4"
63020	T-208	Spiral Cutter, 1 1/2"
63025	T-209	Spiral Cutter, 2"
63030	T-210	Spade Cutter, 1"
63035	T-211	Spade Cutter, 1 3/8"
63040	T-212	Spade Cutter, 1 3/4"
63045	T-213	4-Blade Cutter, 1"
63050	T-214	4-Blade Cutter, 1 3/8"
63055	T-215	4-Blade Cutter, 1 3/4"
63060	T-216	Chain Knocker, 2"
63280	T-218	Flue Brush, 3"
63070	T-219	Flue Brush, 2 1/2"
63080	T-220	Flue Brush, 2"
63220	T-221	Flue Brush, 1 1/2"
52812	T-230	H-D "C" Cutter, 2"
52817	T-231	H-D "C" Cutter, 2 1/2"
52822	T-232	H-D "C" Cutter, 3"
48482	T-250	Tool Set includes: - T-203 - T-217 - T-205 - A-13 - T-210

Miscellaneous

Catalog No.	Model No.	Description
59360	A-3	Tool Box
59205	A-1	Left-Hand Mitt
59295	A-2	Right-Hand Mitt
59225	A-12	Pin Key, 7/8" Cable
59230	A-13	Pin Key, 5/8" Cable
61615	A-60-12	12' Rear Guide Hose for 7/8" Cable/C-10
59235	A-14-6	6' Rear Guide Hose for 5/8" Cable/C-7, C-8, C-9
84325	A-14-10	10' Rear Guide Hose for 5/8" Cable/C-7, C-8, C-9
59470	A-8	Cable Carrier (Holds 75' 7/8" Cable/C-10)
59210	A-10	Cable Carrier (Holds 45' 7/8" Cable/C-10) Cable Carrier (Holds 90' 5/8" Cable/C-8, C-9)
59425	A-36	Cable Caddy
65687		K-60SP Jaw Set

NOTE! See Ridge Tool Catalog for complete list of tools and accessories.

Maintenance Instructions

▲ WARNING

Make sure machine is unplugged from power source before performing maintenance or making any adjustment.

Lubrication

Lubricate machine with grease at grease fitting (located on jaw housing) once a week if used every day; once a month if used less.

NOTE! No lubrication of the Motor Shaft is required.

Cables

Cables should be thoroughly flushed with water to prevent damaging effects of drain cleaning compounds. Periodically lubricate cables and couplings with RIDGID Cable Rust Inhibitor.

When not in use, store cables indoors to prevent deterioration by the elements.

Cables should be replaced when they become severely corroded or worn. A worn cable can be identified when outside of coils become flat.

Clutch Jaw Assembly (Jaw Set)

The clutch jaw assembly should be periodically cleaned.

- Stand the machine up on the front of the frame. Make sure clutch handle is in its uppermost position. Remove the two (2) socket head cap screws from the jaw housing with a 1/4" hex key (*Figure 11*).