Don’t see the RIDGID® product you need?
This catalog includes the most popular RIDGID tools, machines and accessories. Many more RIDGID products are available to meet your plumbing, construction and maintenance needs. For a complete listing of RIDGID products, contact your Grainger branch or sales representative.

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300 Power Drive
For powered threading or roll grooving – See Page 25

Battery-Powered Press Tool
Convenient and portable. Barrel rotates 270 degrees – See Page 42

SeekTech® Utility Line Locators
Lightweight yet rugged receiver provides all the information needed for faster, more accurate locates – See Pages 44 & 45

The Right Choice for Clearing 3” to 10” Lines
Model K7500 drum machines make tough cleaning jobs easier and hassle-free – See Page 66

See Into Tight Spaces
Detect and Diagnose the Unreachable with the SeeSnake® micro™ inspection camera – See Page 46

The Original Pipe Wrench
Often imitated, Never Duplicated – See Page 2
We Build Reputations™

Whether as a one-person truck, or a member of a multinational crew, you have put long hours and hard work to build a business of which to be proud. Though your sweat and smarts are at the core, it is the customer’s perception and visible results that enable your success. These are what define a reputation.

A positive reputation delivers the calls and the contracts. It is a testament to hard work and business savvy. It builds over time. However, it can break in no time. Call-backs and missed deadlines can be critical. This is why RIDGID® promises to deliver:

- Confidence that RIDGID products will consistently perform in the harsh environment of the worksite.
- Efficiency for faster work, more jobs and improved profits.
- Industry innovations to help our customers create new services and income sources.

Maximizing uptime, through both tools and information, is how RIDGID strives to give you a competitive advantage. Whether a seasoned veteran or just starting out, RIDGID tools and services help you build what matters most — your good name.

As a group, we take pride in knowing our individual efforts serve the greater good. From potable water to a reliable infrastructure, it takes all of us working together to keep this world in action. For ourselves, for our businesses, and for the industry...

We Build Reputations
Heavy-Duty Pipe Wrenches

**Straight Pipe Wrench**
- Sturdy, cast-iron housing and I-beam handle with full floating forged hook jaw, featuring self-cleaning threads with replaceable hook and heel jaws.
- Heavy-duty pipe wrenches comply with federal specifications GGG-W565, Type II, Class A.

**RapidGrip®**
- Quick one-handed operation makes your jobs move faster.
- The spring-loaded jaw design provides rapid ratcheting action.
- Unique combination heel/hook jaw design aggressively bites the work piece and ensures a secure grip.

**End Pipe Wrench**
- Assures a fast and easy grip for pipe working in restricted spaces or close to a wall.
- Provides a faster, easier way to get a grip and lock handle swing.
- Ideal for pipe work close to a wall, in tight quarters or in closely-spaced parallel lines.

**Ramprench®**
- A deeper and broader hook jaw housing provides a smooth, flat surface that is ideal for occasional use as a hammer.
- Offers all of the same outstanding qualities found in all RIDGID heavy-duty wrenches.

**Aluminum Pipe Wrenches**
- Nearly 40% lighter than comparable cast-iron wrenches.
- Jaws and all other parts identical to RIDGID Heavy-Duty Wrenches.

**Aluminum Straight Pipe Wrench**
- Professional strength in lightweight aluminum.
- Offers the same durability and ease-of-use found in all RIDGID heavy-duty wrenches.

**Aluminum Offset Pipe Wrench**
- Features a jaw opening parallel to the handle and a narrower hook jaw head.
- Provides easy entry into tight spots.
Aluminum RapidGrip
• All the great benefits of the heavy-duty RapidGrip.
• 35% lighter than heavy-duty models.
• Ideal for overhead applications.

Aluminum End Wrench
• Ideal for jobs in close quarters and overhead applications.
• Designed for easy access in close parallel lines.
• 40% lighter than heavy-duty wrenches.

Chain Wrenches
• A double jaw gives fast, ratchet-like action in either direction.
• The heavy-duty model has replaceable alloy steel jaws.
• The light-duty model has a one-piece forged-alloy steel handle and jaw. Ideal for use in close quarters.

Spud Wrench
• 12” Spud Wrench features narrow jaws to fit into tight places.
• Smooth, toothless jaws ideal for square or rectangular stock.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Nom. Size</th>
<th>Pipe Capacity</th>
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</tbody>
</table>
Internal Wrench

- Holds closet spuds and bath, basin and sink strainers through 2”. Use to install or extract 1” through 2” nipples.
- Jaws expand by eccentric action and are reversible for various sizes.

Basin Wrenches

- Spring-loaded jaws of forged alloy steel provide fast, one-hand ratcheting.
- Tension plug holds head in any position up to 90° angle.
- Telescopic shanks on Models 1017 and 1019 quickly adjust for lengths from 10” to 17”.

One Stop Wrench

- The One Stop Wrench is two wrenches in one.
- It provides the exact size wrench you need to install angle stops and compression couplings.

Faucet & Sink Installer

- Extra long to turn hard to reach mounting nuts on faucets, sprayers and ball cocks.
- Notched ends engage 2, 3, 4, and 6 tab basin nuts.
- Open slot allows easy access over existing supply lines.
- Shutoff valve attachment turns hard to reach angle stops without marring chrome.
- Strainer basket attachment holds drain unit in place while tightening strainer nut.
- Works with ½” and 1” metal or plastic hex nuts.
- Light-weight, high strength plastic construction with durable aluminum inserts.

Wrench Parts: Always Insist On Genuine RIDGID Parts
Pipe Vises

Portable TRISTAND® Vises
- Models 460 and 40-A include integral legs and tray fold in for easy carrying and setup. Large vise base overhangs front legs for clear tool swing.
- Models 460 and 40-A include slots for hanging tools, pipe rest, three-pipe benders, and ceiling brace screw.
- Model 460 features a larger work surface, 6” diameter, rear support and receding ceiling brace screw.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Pipe Capacity</th>
<th>Weight</th>
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<tr>
<td>1VUV5</td>
<td>40130</td>
<td>Portable TRISTAND Yoke Vise</td>
<td>1 1/8 - 2</td>
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<tr>
<td>1VUV9</td>
<td>40170</td>
<td>Portable TRISTAND Chain Vise</td>
<td>1 1/2 - 3</td>
<td>3-60</td>
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<tr>
<td>4VX15</td>
<td>72037</td>
<td>Portable TRISTAND Chain Vise**</td>
<td>1 1/4 - 4</td>
<td>3-150</td>
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</tbody>
</table>

**Jaw for Plastic Pipe, Catalog No. 41280 available; order separately.

Bench Chain Vises
- Crank handle is anchored to base.
- Rugged cast-iron base has handy pipe rest and bend. Capacities of 1 1/8” through 8”.
- Two models available for plastic pipe. Toothless jaws are neoprene-coated to prevent scoring of pipe.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Pipe Capacity</th>
<th>Weight</th>
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<td>1VUV7</td>
<td>40185</td>
<td>Top Screw Bench Chain Vise</td>
<td>1 1/8 - 2</td>
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<tr>
<td>1VUV9</td>
<td>40195</td>
<td>Top Screw Bench Chain Vise</td>
<td>1 1/8 - 4</td>
<td>3-100</td>
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<td>1VUW2</td>
<td>40210</td>
<td>Top Screw Bench Chain Vise</td>
<td>1/4 - 6</td>
<td>6-150</td>
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<tr>
<td>1VUW4</td>
<td>40215</td>
<td>Top Screw Bench Chain Vise</td>
<td>1/2 - 8</td>
<td>15-200</td>
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</tbody>
</table>

Bench Yoke Vises
- Yoke and base made of strong, dependable iron. Hardened alloy steel jaws and convenient pipe rest and bend.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Pipe Capacity</th>
<th>Weight</th>
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<td>40080</td>
<td>Bench Yoke Vise</td>
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<td>4NV31</td>
<td>40100</td>
<td>Bench Yoke Vise</td>
<td>1 1/8 - 4</td>
<td>3-100</td>
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Pipe Stands

A full range of heavy duty adjustable pipe stands are available in varying configurations with capacity from 1 1/8”-36” (3mm-900 mm); suitable for use with threading machines, roll groovers, etc.

V Head Pipe Stands

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Height Adjustment</th>
<th>Max. Pipe Capacity</th>
<th>Max. Weight Capacity</th>
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<td>64642</td>
<td>V Head High Pipe Stand</td>
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Roller Head Pipe Stands

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<th>Max. Weight Capacity</th>
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<td>56672</td>
<td>Roller Head High Pipe Stand</td>
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Adjustable Stand with Steel Rollers

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<td>058K2</td>
<td>Adj. Roller Stand w/Steel Wheels</td>
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<td>88</td>
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Pipe Vises & Stands
Pipe/Tubing Cutter & Preparation

Pipe Cutters

Heavy-Duty Pipe Cutters
- Fast, clean pipe cutting by hand or power.
- Extra-long shank protects adjustment threads, while an extra-large handle is provided for quick, easy adjustment.
- Can be converted to 3-wheel cutter by replacing rollers with cutter wheel, or the 2A and 4S can be ordered as 3-wheel model for use in areas where a complete turn is not possible.
- Second handle on 3-S AND 4-S makes two-man leverage possible on large pipe sizes.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Pipe Cutter</th>
<th>Pipe Capacity Nominal Size</th>
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<tr>
<td>4CW51</td>
<td>32840</td>
<td>4-S</td>
<td>2(\frac{1}{2}) - 4</td>
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4-Wheel Pipe Cutters
- Designed for work in areas where a complete turn is impossible.
- No. 42-A has a short handle for use in confined areas.
- Second handle on No. 44-S makes two-man leverage possible for large pipe sizes.
- Both equipped with four heavy-duty wheels.

<table>
<thead>
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<th>Pipe Cutter</th>
<th>Pipe Capacity Nominal Size</th>
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Soil Pipe Cutters

No. 226 In-Place Soil Pipe Cutter
- The RIDGID 226 In-Place Soil Pipe Cutter is a compact, lightweight tool designed to cut hub and no-hub soil pipe in tight quarters.
- Only 17” long, the Model 226 is perfect for cutting cast iron, concrete and clay pipe where space is limited.
- The Model 226 is especially suited for against-the-wall and other tight quarter applications.
- From the Model 226’s compact design to its unique chain latching mechanism, every feature has been engineered for maximum productivity.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
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<td>1VXH1</td>
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<td>Soil Pipe Cutter</td>
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No. 246 Soil Pipe Cutter
- Cuts 1\(\frac{1}{2}\)” - 6” clay, cast-iron or cement pipe and 4” class 22 water main.
- Ratchet-action handle parallel to pipe allows for application in minimum width trenches.
- Complete with hand guard to protect operator’s knuckles when cutting.

No. 276 Soil Pipe Cutter
- Provides one stroke cutting of 1\(\frac{1}{2}\)” - 6” service weight, No Hub soil pipe, clay and concrete pipe.
- Makes repeated cuts quickly.
- Expand capacity up to 8” service weight soil pipe by ordering Catalog No. 33665 Chain Extension Assembly.

<table>
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<td>1VXH2</td>
<td>74207</td>
<td>Soil Pipe Cutter</td>
<td>1(\frac{1}{2}) - 6</td>
<td>11.7</td>
</tr>
</tbody>
</table>

Ordering Information

No. 902 Torque Wrench
- Preset to eliminate guesswork in No Hub soil pipe installations.
- Assures proper coupling tightness for strong, leak-free joints.
- The \(\frac{5}{16}\)” drive tightens with a fast ratchet action until the wrench clicks for accurate 60 inch-pounds torque.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Torque</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1XDZ7</td>
<td>31410</td>
<td>Torque Wrench for No Hub Cast-Iron Soil Pipe Couplings</td>
<td>60</td>
<td>6.8</td>
</tr>
<tr>
<td>1XDZ8</td>
<td>14988</td>
<td>Torque Wrench for No Hub Cast-Iron Soil Pipe Couplings</td>
<td>80</td>
<td>9.0</td>
</tr>
</tbody>
</table>

No. 904 Torque Wrench
- The \(\frac{5}{16}\)” drive tightens with a fast ratchet action until the wrench clicks for accurate 80 inch-pounds torque.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Torque</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>16227</td>
<td>24110</td>
<td>Torque Wrench for No Hub Cast-Iron Soil Pipe Couplings</td>
<td>60</td>
<td>6.0</td>
</tr>
<tr>
<td>16228</td>
<td>14988</td>
<td>Torque Wrench for No Hub Cast-Iron Soil Pipe Couplings</td>
<td>80</td>
<td>9.0</td>
</tr>
</tbody>
</table>
Pipe Cutter Replacement Wheels

Always use genuine RIDGID Cutter Wheels. These wheels are precision-machined from high-grade steel and are engineered for long life and maximum cutting accuracy.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>32810</td>
<td>42370</td>
<td>1</td>
<td>2.06</td>
<td>Steel Pipe &amp; Ductile Iron</td>
</tr>
<tr>
<td></td>
<td>32820</td>
<td>58657</td>
<td>1</td>
<td>2.06</td>
<td>Steel Pipe &amp; Ductile Iron</td>
</tr>
<tr>
<td></td>
<td>32830</td>
<td>26212</td>
<td>1</td>
<td>2.06</td>
<td>Steel Pipe &amp; Ductile Iron</td>
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<tr>
<td></td>
<td>32840</td>
<td>83080</td>
<td>1</td>
<td>2.06</td>
<td>Steel Pipe &amp; Ductile Iron</td>
</tr>
<tr>
<td></td>
<td>32870</td>
<td>83085</td>
<td>1</td>
<td>2.06</td>
<td>Steel Pipe &amp; Ductile Iron</td>
</tr>
<tr>
<td></td>
<td>32880</td>
<td>74685</td>
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<td>2.06</td>
<td>Steel Pipe &amp; Ductile Iron</td>
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<tr>
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<td>32895</td>
<td>83145</td>
<td>1</td>
<td>2.06</td>
<td>Steel Pipe &amp; Ductile Iron</td>
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<tr>
<td></td>
<td>42390/34617</td>
<td>74700</td>
<td>1</td>
<td>2.06</td>
<td>Steel Pipe &amp; Ductile Iron</td>
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<tr>
<td></td>
<td>83150</td>
<td>83165</td>
<td>1</td>
<td>2.06</td>
<td>Steel Pipe &amp; Ductile Iron</td>
</tr>
<tr>
<td></td>
<td>74710</td>
<td>83170</td>
<td>1</td>
<td>2.06</td>
<td>Steel Pipe &amp; Ductile Iron</td>
</tr>
</tbody>
</table>

Inner-Outer Copper Cleaning Brush

- Combines tube O.D. cleaning and fitting I.D. brush into one hand tool.
- High carbon steel brushes quickly clean ½” or ¾” nominal tube and fittings in preparation for soldering or brazing.
- Durable plastic construction designed for easy brush replacement.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>41014</td>
<td>34955</td>
<td>2-S Spiral Reamer</td>
<td>3.3</td>
<td>1</td>
</tr>
</tbody>
</table>

Reamers, Extractors & Taps

Pipe Reamers

- No. 2-5 Spiral Ratchet Reamer - Self-feeding spiral design for extra fast and easy hand reaming. Model 2-5 Reamer is not suitable for power reaming.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Capacity</th>
<th>Weight</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>49412</td>
<td>15000</td>
<td>No. 2-5 Spiral Reamer</td>
<td>1½ - 2”</td>
<td>0.56</td>
<td>1</td>
</tr>
</tbody>
</table>

Hardened Steel Construction Inner-Outer Reamer

- 46 cutting edges on interior cone allow for fast, clean, inner reaming and outer deburring/beveling of ½”-2” (12mm-54mm) copper and stainless steel tubing.
- Hardened steel construction.

Pipe Extractors

- RIDGID pipe extractors make easy work of removing broken threaded ends of pipe, pipe plugs and fittings.
- Each is plainly marked showing drill size used when solid ends of plugs and fittings must be drilled to receive extractor.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Capacity</th>
<th>Drill Size</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1VUV3</td>
<td>35685</td>
<td>883</td>
<td>Nos. 80 to 85 inclusive</td>
<td>5/8”</td>
<td>1</td>
</tr>
</tbody>
</table>

Inner-Outer Copper Cleaning Brush

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- High carbon steel brushes quickly clean ½” or ¾” nominal tube and fittings in preparation for soldering or brazing.
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<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1VTT4</td>
<td>34142</td>
<td>I-O Copper Cleaning Brush</td>
<td>90.7</td>
<td>10</td>
</tr>
</tbody>
</table>
Power Pipe Cutter

Model 258 for 8” to 12” Diameter Pipe

The RIDGID 258 offers 2½"-8" diameter pipe cutting capacity. Utilizing displacement type cutter wheel technology, the patented design enables larger diameter pipe to be cut to length. The 258 also uses the RIDGID 700 Power Drive to rotate the heavy-duty cutter wheel. Now one person can easily square cut 8” schedule 40 pipe in minutes.

Specifications

- Cutting Capacity: Model 258: 2½"-8" schedule 10*/40 steel pipe.
- Model 700 Power Drive (not included) RPM: 26-30 (no load).
- Weight: 140 lbs. (excludes No. 700 Power Drive).

Standard Equipment

- One RIDGID 714 Square Drive Adaptor.
- One 8½", 4-H D Cutter Wheel Assembly.
- One Hydraulic Ram and Foot Pump.
- Two Ball Transfer Pipe Support Tools.

*Use the thin cutting wheel for best results.

Note: For optimum wheel life properly support the work piece with standard ball transfer pipe supports (see below).

Copper Cutting Prep Machine

Model 122 Capacity

- Copper Tube: 1½" - 2" (2mm - 60mm).
- Copper Fittings: 1½" - 2" (2mm - 60mm).

Designed to cut, clean, ream, and debur copper tubing and fittings quickly and professionally. Weighing only 50 pounds, and possessing a conveniently located carrying handle, the Model 122 is ideal for transport directly to the job site. Rugged cast aluminum housing and powerful 1/3 HP induction motor assure long life.

Features

- Powerful, 1/3 HP induction motor drives rollers at 450 RPM.
- Rugged O.D. Cleaning Brush cleans tubing quickly with minimal effort.
- Core Reamer easily removes turbulence-causing burrs.
- Cutting Handle adjusts to accommodate different tubing sizes.
- Cutter Wheel tested to over 10,000 cuts.
- Guide Rollers ensure a straight cut with no tracking.
- Large Carrying Handle for easy transport to the job site.
- Built-in 1/2-Incremental Scale for quick, easy measuring.
- Fitting Brush Kit includes six brushes, storage rack and collet.
- Approved by CSA to CSA and UL standards (115 V only).

Technical Specifications

- Motor: 1/3 HP, 115V, 60Hz Induction Motor.
- Switch: Toggle On/Off.
- Reamer: Single Flute Cone, RH, 1½" to 2".
- Cutter Wheel: Model 2191 HD Wheel.

Standard Equipment

- One O.D. Cleaning Brush.
- One Core Reamer.
- One Fitting Brush Storage Kit.
Pipe/Tubing Cutter & Preparation

Tubing Cutters

Close Quarters Tubing Cutters

- Specifically designed for use in restricted spaces on small diameter, hard and soft copper, brass, aluminum and plastic tubing; rollers include grooves for close-to-flare cuts.
- Strong, lightweight slide and wheel housing, large knurled feed screw knob gives easy control of cutting pressure for clean cuts.
- Model 118 includes a self-feeding cutter wheel that automatically cuts after tightening the knob only once.

Constant Swing Cutters with New X-CEL Features

- Telefeeding feed screw design keeps the cutter at the same length regardless of tubing diameter—good for tight spaces.
- Features an enclosed feed screw to eliminate clogging and jamming, grooved rollers for close-to-flare cuts, and a fold-away reamer.
- Now includes: X-CEL Knob and X-CEL Pin for quicker cutting and wheel replacement.
- Made from high-strength zinc alloy.
- Spare cutter wheel included in the knob.
- Cuts copper, brass, and aluminum tubing and thin-wall conduit.

Tubing & Conduit Cutters with New X-CEL Features

- Clean, square cuts are easily made on copper, brass, aluminum and thin-wall conduit.
- No. 30 is rated for larger diameter steel and stainless steel tubing.
- No. 15-SI is especially designed for stainless steel tubing. Includes special roller bearings and cutter wheel to make stainless cutting easier.

Quick-Acting Tubing Cutters with New X-CEL Features

- Models 151-156 feature a quick-acting design, I-beam construction, hardened wear surfaces and thrust bearing slide assemblies for smooth operation.
- All Models now include an X-CEL Knob and X-CEL Pin for quicker cutting and wheel replacement.
- These cutters are available in models for plastic pipe or metallic tubing.

Table: Tubing Cutters (Original Product)

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Std. Wheel</th>
<th>Capacity</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ATH8</td>
<td>101</td>
<td>Close Quarters Cutter*</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
<tr>
<td>1ATH4</td>
<td>103</td>
<td>Close Quarters Cutter</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
<tr>
<td>4AT3</td>
<td>104</td>
<td>Close Quarters Cutter</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
<tr>
<td>4ATH5</td>
<td>105</td>
<td>Close Quarters Shade Feed Cutter</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
</tbody>
</table>

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<td>Close Quarters Cutter*</td>
<td>E-3469</td>
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<td>0.76</td>
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<tr>
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<td>103</td>
<td>Close Quarters Cutter</td>
<td>E-3469</td>
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<td>0.76</td>
</tr>
<tr>
<td>4AT3</td>
<td>104</td>
<td>Close Quarters Cutter</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
<tr>
<td>4ATH5</td>
<td>105</td>
<td>Close Quarters Shade Feed Cutter</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
</tbody>
</table>

X-CEL™ Knob = quicker cut.
X-CEL™ Wheel Pin = quicker wheel change.
X-CEL™ Wheel = included in knob.

RIDGID Quick-Acting plastic cutter models are equipped to easily convert to cut copper or other metallic tubing.

1.) Remove spare copper cutting wheel from knob.
2.) Reverse knob position so that the “Cu” notation is visible inside the knob.
3.) Screw knob back on to handle.
4.) Using the X-CEL Wheel Pin, you can quickly replace the existing plastic cutting wheel with the copper cutting wheel. You’re now ready to cut copper, aluminum, and brass tubing.
5.) When you wish to revert to plastic cutting, follow the same instructions but make sure to reposition knob so that “PE” and “PVC” notations are visible inside knob.

Tubing Cutter Replacement Wheels

Always use genuine RIDGID Cutter Wheels. These wheels are precision-machined from high-grade steel and are engineered for long-life and maximum cutting accuracy.

Table: Tubing Cutter Replacement Wheels

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Std. Wheel</th>
<th>Capacity</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-SI</td>
<td>152</td>
<td>Quick-Acting Cutter</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
<tr>
<td>301I</td>
<td>155</td>
<td>Quick-Acting Cutter</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
<tr>
<td>32-90</td>
<td>157</td>
<td>Quick-Acting Cutter</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
<tr>
<td>32920</td>
<td>158</td>
<td>Quick-Acting Cutter</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
<tr>
<td>32930</td>
<td>159</td>
<td>Quick-Acting Cutter</td>
<td>E-3469</td>
<td>1.62</td>
<td>0.76</td>
</tr>
</tbody>
</table>

X-CEL™ Means Speed

Many of our most popular tubing cutters now include several X-CEL features to make your job quicker and easier.

- X-CEL Knob = cut tubing more quickly and easily with our larger, more ergonomic designs.
- X-CEL Wheel Pin = change your cutter wheel quickly using our new ball detent design…no tool needed…no lost clips!
- Spare cutter wheels included for maximum uptime.

Pipe/Tubing Cutter & Preparation
### Plastic Pipe Cutters

#### Single Stroke Cutter
- **Model:** RC-2375
- **NPT:** 37880
- **High-Speed for Stainless Steel RH**
- **Weight:** 1.36 kg

#### Scissor-Style Cutter
- **Model:** RC-1250
- **NPT:** 37940
- **High-Speed RH**

#### Ratchet Cutter with Ergonomic Grips
- **Model:** PC-1250
- **NPT:** 37885
- **Extra Large 1.375” O.D. capacity.**
- **“Burr-less” cutting operation provides a square cut.**

### Manual Ratchet Threaders

**All matched Threader/Sets include Die Heads, Ratchet Assembly, Ratchet Handle and Alloy Dies. All Threader Sets use same 12-R Dies in Die Head.**

#### Exposed Ratchet Threader Set
- **No.: 12-R:** Capacity 1/2”-2 with carrying case.

#### Ratchet & Handle Only
- Ratchet knob indicates forward and reverse. Die heads snap in from both sides and lock in place.

#### Die Heads for Ratchet Threaders – 12-R NPT

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4CW72</td>
<td>37820</td>
<td>12-R TPT 1/2</td>
</tr>
<tr>
<td>4CW73</td>
<td>37821</td>
<td>12-R TPT 3/4</td>
</tr>
<tr>
<td>4CW74</td>
<td>37822</td>
<td>12-R TPT 1</td>
</tr>
<tr>
<td>4CW75</td>
<td>37823</td>
<td>12-R TPT 1 1/4</td>
</tr>
<tr>
<td>4CW76</td>
<td>37824</td>
<td>12-R TPT 1 1/2</td>
</tr>
<tr>
<td>4CW77</td>
<td>37825</td>
<td>12-R TPT 2</td>
</tr>
</tbody>
</table>

### Pipe Dies for Ratchet Threaders

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4CW72</td>
<td>37820 High Speed RH 1/2</td>
</tr>
<tr>
<td>4CW73</td>
<td>37821 High Speed RH 3/4</td>
</tr>
<tr>
<td>4CW74</td>
<td>37822 High Speed RH 1</td>
</tr>
<tr>
<td>4CW75</td>
<td>37823 High Speed RH 1 1/4</td>
</tr>
<tr>
<td>4CW76</td>
<td>37824 High Speed RH 1 1/2</td>
</tr>
<tr>
<td>4CW77</td>
<td>37825 High Speed RH 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4CW78</td>
<td>37826 High Speed RH 1/2</td>
</tr>
<tr>
<td>4CW79</td>
<td>37827 High Speed RH 3/4</td>
</tr>
<tr>
<td>4CW80</td>
<td>37828 High Speed RH 1</td>
</tr>
<tr>
<td>4CW81</td>
<td>37829 High Speed RH 1 1/4</td>
</tr>
<tr>
<td>4CW82</td>
<td>37830 High Speed RH 1 1/2</td>
</tr>
<tr>
<td>4CW83</td>
<td>37831 High Speed RH 2</td>
</tr>
</tbody>
</table>

---

**18**

---

**19**
### Threading

**Manual Receding Threaders**

**No. 65R-C**
- Threads 1”-2” pipe.
- Jam-proof drive pawl.
- Cam workholder sets instantly.
- Right-hand only.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Capacity</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>14524</td>
<td>Metal Carrying Case for 65R Series Threaders</td>
<td>1”-2” Pipe</td>
<td>20.5 Lb</td>
</tr>
</tbody>
</table>

**Receding Geared Threaders**

**Nos. 141**
- 141 threads 2½”, 3”, 3½”, 4” pipe with one set of dies.
- Jaw clutch prevents jamming.
- Simple adjustment for tapered or straight threads.
- Cam-type workholder sets instantly.
- Fully enclosed gearing.
- Right-hand only.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Capacity</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>87/38</td>
<td>65R20</td>
<td>141 NPT with 1 Set High-Speed Dies</td>
<td>1”-2” Pipe</td>
<td>18.0 Lb</td>
</tr>
</tbody>
</table>

**Pipe Dies for 141**

**Geared Pipe Threaders**

**Geared Threader Accessories**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>87/38</td>
<td>65R20</td>
<td>1”-2” Pipe</td>
<td>18.0 Lb</td>
</tr>
</tbody>
</table>

### Cutting Oil

**Thread Cutting Oil**
- Cools threads and pipe during operation.
- Speeds metal removal.
- Improves thread quality.
- Reduces threading torque.

RIDGID thread cutting oils are free of chlorine and other halogens, PCBs and heavy metals. Complete material safety data sheet available.

**Dark Oil** – Traditional mineral oil with low odor and anti-mist formulation.
**Nu-Clear® Oil** – Clear mineral oil with low odor and anti-mist formulation.
- Special low temperature properties maintain workable viscosity to -20°F.

**Extreme Performance Oil** – High-performance mineral oil formulated to produce superior quality threads on stainless steel and black pipe.

**Oiler**

The Model 418 hand-held oiler is sturdier than ever before. The 418’s pump assembly and heavy-duty reservoir are designed to increase productivity.

**Pump Assembly**
- 50% more oil per stroke than other hand-held oilers for longer die life.
- An ergonomic 2-finger trigger design that reduces user fatigue.
- Die cast, heavy-duty body with swivel nozzle with no exposed parts for longer life.

**Heavy Duty Reservoir**
- The 418 oiler features a patent pending fastenerless twist and lock drip pan that easily locks in place.
- The material withstands abrasion, is lighter than metal and does not rust.
- The reservoir will not crack or leak.
- Material is so strong that under normal use, no dents will form on impact or shape changes will occur over time. As a result, the drip pan will fit squarely on the reservoir time after time.
- Integral molded body eliminates leaks at the hose-reservoir connection.
- Convenient anti-slip grip design with integral hook for easy hanging.

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- Speeds metal removal.
- Improves thread quality.
- Reduces threading torque.

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<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Container Size</th>
<th>Containers Per Case</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>81.4J3</td>
<td>Nu-Clear Oil</td>
<td>1 Gal.</td>
<td>6</td>
<td>50.2 Lb</td>
</tr>
<tr>
<td>81.4J1</td>
<td>Dark Oil</td>
<td>1 Gal.</td>
<td>6</td>
<td>50.2 Lb</td>
</tr>
<tr>
<td>29743</td>
<td>Extreme Performance Oil</td>
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<td>1 Lb</td>
</tr>
<tr>
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<td>2 Lb</td>
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</tbody>
</table>

**Cutting Oil**

- Cools threads and pipe during operation.
- Speeds metal removal.
- Improves thread quality.
- Reduces threading torque.

**Oiler**

The Model 418 hand-held oiler is sturdier than ever before. The 418’s pump assembly and heavy-duty reservoir are designed to increase productivity.

**Pump Assembly**
- 50% more oil per stroke than other hand-held oilers for longer die life.
- An ergonomic 2-finger trigger design that reduces user fatigue.
- Die cast, heavy-duty body with swivel nozzle with no exposed parts for longer life.

**Heavy Duty Reservoir**
- The 418 oiler features a patent pending fastenerless twist and lock drip pan that easily locks in place.
- The material withstands abrasion, is lighter than metal and does not rust.
- The reservoir will not crack or leak.
- Material is so strong that under normal use, no dents will form on impact or shape changes will occur over time. As a result, the drip pan will fit squarely on the reservoir time after time.
- Integral molded body eliminates leaks at the hose-reservoir connection.
- Convenient anti-slip grip design with integral hook for easy hanging.

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</table>
**Model 600 Power Drive**

- A hand-held, powerful, portable power drive.
- Features a reversible 115V universal motor.
- Capacity: \(\frac{1}{8}"-1\frac{1}{4}" (3mm-32mm)\) pipe. Designed for RIDGID 11-R die heads.
- Ideal for on-site applications such as gas line pipe installation.
- Approved by CSA to CSA and UL standards (115V only).

**Technical Specifications**

- **Motor:** 1/2 HP Universal 115V, 50/60 Hz.
- **Switch:** Heavy-duty paddle-type switch with safety lock off switch. Separate FORWARD/REVERSE switch.
- **Gear Housing:** Aluminum.
- **Body & Handle:** Durable heavy-duty fiberglass reinforced plastic.
- **Spindle Speed:** 32 RPM (No load).
- **Capacity:** \(\frac{1}{8}"-1\frac{1}{4}" (3mm-32mm)\) pipe.
- **Die Heads Included:** \(\frac{1}{8}, \frac{1}{4}, 1, 1\frac{1}{4}\) (Type 11-R).
- **Includes:** No. 601 support arm.
- **Length:** 20 in. (51 cm).

<table>
<thead>
<tr>
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<th>Model No.</th>
<th>Description</th>
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<td></td>
<td>115V (\frac{1}{8}-1\frac{1}{4}) NPT w/Case and Support Arm</td>
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**Model 690 Power Drive**

The 690 Power Drive is a new lightweight and powerful hand-held power drive. It is designed for threading \(\frac{1}{8}"-2"\) pipe with the use of 11-R Die Heads. The 690 comes equipped with a full set of 11-R Die Heads, \(\frac{1}{8}"-2"\), the 691 Support Arm and a durable Carrying Case. The 690 Power Drive is the perfect lightweight and portable power drive for maintenance and repair workers, as well as service plumbers requiring \(2"\) pipe capacity.

- **Capacity:** \(\frac{1}{8}"-2" (3 - 51 mm)\) pipe.
- **Length:** 24 in. (61 cm).
- **Motor:** Universal 1020 Watt, 115Volt, 50/60 Hz.
- **Approved by CSA to CSA and UL standards (115V only).**
- **Switch:** Heavy-duty paddle switch with safety lock-off device (automatically locks off when released). Separate FORWARD/RELEASE switch.
- **Gear Head:** Spur gear reduction/face gear drive. All shafts, ball and needle bearing mounted. Permanently lubricated gear housing.
- **Body & Handle:** Durable, heavy-duty, fiberglass reinforced, industrial plastic.
- **Spindle Speed:** 32 RPM.
- **Die Heads:** \(\frac{1}{8}, \frac{1}{4}, 1, 1\frac{1}{4}, 1\frac{1}{2}, 2\) (type 11-R).
- **Includes Support Arm:** No. 691.
- **Die Head Adapter:** Used with \(\frac{1}{8}"-1\frac{1}{4}"\) die heads.
- **Carrying Case.**

<table>
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**Hand-Held Power Drives**

- **Catalog No.**
  - 36912
  - 16013

- **Model No.**
  - 600
  - 690

- **Description**
  - 115V \(\frac{1}{8}-1\frac{1}{4}\) NPT w/Case and Support Arm
  - 115V \(\frac{1}{8}-2\) 25-60 NPT with Case & Support Arm

- **Weight**
  - 36
  - 24

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**Threading**

**22**

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**Threading**

**23**
Model 700 Power Drive

- Heavy-duty hand-held power drive.
- Capacity \(\frac{1}{8}''-2''\) (3mm-50mm) pipe, \(\frac{1}{4}'-1''\) (6mm-25mm) bolt with OO-RB die heads. Designed for RIDGID No. 12-R die heads. Other RIDGID die heads (OO-R, OO-RB, 11-R) using adapters, threading 2½" through 6" (62mm-150mm) with 141/161 geared threaders. Also used with 258/258XL pipe cutters.
- Approved by CSA to CSA and UL standards (115V only).

Technical Specifications

- Motor: Universal, ½ HP, 115V 50/60 Hz.
- Switch: Double-throw reversible.
- Gear Head: Spur gear reduction face gear drive. Spring-loaded adapter pawls.
- Hardened steel spindle gear.
- Body: Cast aluminum.
- Spindle Speed: 26-30 RPM (no load).
- Capacity: \(\frac{1}{8}''-2''\) Pipe (30mm-50mm).
- \(\frac{1}{4}'-1''\) (6mm-25mm) Bolt (using OO-RB).
- Weight: 25 lbs. (11 kg) Power Drive only.
- Length: 28¼" (71.7 cm).

Model 300 Power Drive

- RIDGID speed chuck.
- Reversible ½ HP universal motor.
- Capacity: \(\frac{1}{4}'-2''\) (6mm-50mm) pipe, 2½"-4" with 141, and 4"-6" with 161 Geared Threaders; \(\frac{1}{4}'-2''\) (9mm-50mm) rod.
- Recessed On/Off/Reverse switch.
- Ideal for use with RIDGID roll groovers.
- 115V, 38 RPM approved by CSA to CSA and UL standards.

Technical Specifications

- Switch: Heavy-duty FOR/OFF/REV and Integral Foot Switch.
- Chuck: RIDGID speed chuck with replaceable rocker-action jaws.
- Spindle Speed: 38 RPM.
- Rear Centering Device: Cam-action turns with chuck.
- Support Bar: Heavy-duty (3).
### Model 300 Power Drive Complete for Portable Threading

#### Standard Equipment
- Die heads and dies for use with 300 Power Drive with 311 carriage.
- No. 360 Cutter: Capacity: \(\frac{3}{8}"-2\) (6mm-50mm), pipe: \(\frac{3}{8}"-4\) (8mm-100mm) with F-3 wheel, \(\frac{3}{8}"-1\) (6mm-25mm) with E-1032 cutter wheel.
- No. 341 Reamer: Positive-locking, 5-flute cone, right-hand \(\frac{3}{8}"-2\) (6mm-50mm). Special E863 RH/LH combination reamer cone available.
- No. 311 Carriage with lever.
- No. 1206 Stand.
- No. 1452 Clip-on tool tray.
- No. 418 Eiler with 1 gallon of No-Clear thread cutting oil.
- No. 32 Transporter.

**Technical Specifications**
- **Spindle Speed**: 36 RPM standard (no load), 54 RPM model also available.
- **Reamer**: 5-flute cone, RH/LH combination reamer available.
- **Threader Capacity**: 100% larger chip tray.
- **Cutters**: Self-centering, full-floating. No. 820 Wheel-Type Cutter, pipe capacity \(\frac{3}{8}"-2\) (6mm-50mm), bolt capacity \(\frac{5}{8}"-2\) (16mm-50mm).
- **Oil Pump**: Self-priming gerotor oil pump.
- **Switches**: FOR/OFF/REV and Integral safety foot switch.
- **Chuck**: Speed Chuck™ with replaceable rocker-action jaw inserts (6). Rear Centering Device: Cam-action, turns with chuck.
- **Cutters**: Self-centering, full-floating. No. 820 Wheel-Type Cutter, pipe capacity \(\frac{3}{8}"-2\) (6mm-50mm), bolt capacity \(\frac{5}{8}"-2\) (16mm-50mm).
- **Speed**: 36 RPM standard (no load), 54 RPM model also available.
- **Applications**: Can be used with geared threaders Models 141 and 161.
- **Features**: Approved by CSA to CSA and UL standards (115V only).

### Model 535 Threading Machine

**Capacities**
- **Pipe**: \(\frac{1}{2}"-2\) (13mm-50mm) \(\frac{1}{2}"-4\) (8mm-100mm) with 141 and 161 geared threaders.
- **Bolt**: \(\frac{1}{2}"-8\) (6mm-50mm).

The Model 535 maintains the ruggedness of the industry workhorse while adding the features that makes the threading operation more productive.

**Features**
- Large 1 3/4 gallon oil tray.
- 100% larger chip tray.
- Generous top cover for keeping tools and fittings handy.
- High clearance carriage.
- Speed chuck with rocker-action jaws and grips work piece instantly.
- Can be used with geared threaders Models 141 and 161.
- Uses Model 815A self-opening or Model 811A quick-opening die heads.
- Length gauge for quick, accurate cut-off.
- Approved by CSA to CSA and UL standards (115V only).

**Technical Specifications**
- **Chuck**: Speed Chuck™ with replaceable rocker-action jaw inserts (6). Rear Centering Device: Cam-action, turns with chuck.
- **Cutters**: Self-centering, full-floating. No. 820 Wheel-Type Cutter, pipe capacity \(\frac{3}{8}"-2\) (6mm-50mm), bolt capacity \(\frac{5}{8}"-2\) (16mm-50mm).
- **Spindle**: 36 RPM standard (no load), 54 RPM model also available.
- **Applications**: Can be used with geared threaders Models 141 and 161.
- **Features**: Approved by CSA to CSA and UL standards (115V only).
Model 1215 Threading Machine

**Capacities**
- Pipe: \( \frac{1}{4} \)-1\( \frac{1}{2} \), 6mm-37mm.
- Bolt: \( \frac{1}{4} \)-2\( \frac{1}{2} \), 6mm-25mm.

**Features**
- Compact, lightweight design.
- One-piece aluminum housing.
- Two easy-to-use carrying handles.
- Integral foot switch hanger.
- Powerful motor and transmission.
- Through die head oiling.
- Adjustable oil flow control.
- Approved by CSA to CSA and UL standards (115V only).

**Technical Specifications**
- Motor: 1\( \frac{1}{2} \)HP universal motor 50/60 Hz.
- Motor Control: ON/OFF heavy duty switch and integral foot switch.
- Spindle Speed: 44 RPM right hand operation.
- Front Chuck: Hammer type with replaceable rocker action jaw inserts.
- Rear Centering Device: Cam action.
- Cutter: Model 732.
- Reamer: Model 344, \( \frac{1}{4} \)-1\( \frac{1}{2} \).
- Oiling: Through die head adjustable.
- Pump: Self-priming constant flow, gerotor type.

**Standard Equipment**
- One No. 811A Quick Opening Die Head.
- One No. 811A Universal Alloy NPT Dies.
- One Set 1\( \frac{1}{2} \)-1\( \frac{1}{2} \) Universal Alloy NPT Dies.
- One Set 1\( \frac{1}{2} \)-1\( \frac{1}{2} \) Five Fluted Reamer.
- One No. 732 Cutter with Cutter Wheel.
- One Gallon Nu-Clear Oil.

**Model 300 Compact Threading Machine**

**Capacity**
- Pipe: \( \frac{1}{4} \)-2\( \frac{1}{2} \) (3mm-50mm).
- Bolt: \( \frac{1}{4} \)-2\( \frac{1}{2} \) (6mm-50mm).

**Features**
- Heavy-duty proven performance.
- Lightweight, portable design.
- Fast transport and set-up.
- Cutter: Model 360, roll type cutoff, self-centering, full-floating.
- Reamer: Model 344, \( \frac{1}{4} \)-2\( \frac{1}{2} \), five flute cone, right hand only.

**Technical Specifications**
- Motor: 1\( \frac{1}{2} \)HP, 115V universal 50/60 Hz.
- Motor Control: Heavy duty rotary FOR/REV with integral foot switch.
- Spindle Speed: 38 RPM (52 RPM available).
- Chuck: Hammer type with replaceable rocker action jaw inserts.
- Reamer: Model 344, \( \frac{1}{4} \)-2\( \frac{1}{2} \), five flute cone, right hand only.

**Standard Equipment**
- One No. 811A Quick Opening Die Head.
- One No. 344 Reamer.
- One No. 360 Cutter with E-1032 Cutter Wheel.
- One Set 1\( \frac{1}{2} \)-1\( \frac{1}{2} \) Alloy Universal Dies.
- One Set 1\( \frac{1}{2} \)-2\( \frac{1}{2} \) Alloy Universal Dies.
- One Gallon Nu-Clear Threading Cutting Oil.
- Model 1250 Folding Wheel Stand.
Threaded Machines

Model 1822-I Threading Machine

Capabilities
- Pipe: 1/4"-2" (6mm-50mm) 216-4" (62mm-100mm)
  with No. 141 geared threader.
- Bolt: 1/4"-2" (6mm-50mm).

Features
- Heavy Duty: Automatic Chucking. Threads a wide range of material including black and galvanized pipe, stainless steel, IMC, PVC, and heavy-wall conduit.
- Induction motor (91 db) delivers constant 45 or 16 RPM as required.
- Constant and proper lubrication of dies and workpiece with through-head oiling.
- Triple filtration provides for longer oil pump life and clean threads.
- Special jaw inserts allow for quick, easy replacement.

Technical Specifications
- Motor: 110 HP, single-phase, 60 Hz.
- Motor Control: Open/Off/Close, heavy-duty rotary type switch and integral safety foot switch.
- Spindle Speed: 45 and 16 RPM, right-hand, can be adapted to left-hand operation.
- Transmission: Two-speed (46 RPM for up to 11/4" pipe and 1" bolt, 16 RPM for low voltage and higher torque applications).
- Front Chuck: Automatic gripping/centering.
- Rear Centering Device: Automatic, centering only.
- Cutter: Model 364, 1/2" full-floating, self-centering with E-1032 Cutter Wheel.
- Reamer: Model 344, 1/2" right-hand only.
- Clutch: Shiftable cone type.
- Oil Pump: Self-priming gerotor.

Standard Equipment
Model No. 1822-I threading machine with foot switch.
- One No. 815A universal self-opening die head.
- One No. 344 reamer.
- One No. 364 cutter with E-1032 cutter wheel.
- One set 1/4"-1" universal alloy dies.
- One set 1"-2" universal high-speed dies.
- One gallon Nu-Clear oil.

Model 1224 Threading Machine

Capabilities
- Pipe: 1/4"-4" (6mm-100mm) 4"-6" (100mm-150mm) with 161 Gearless Threader.
- Bolt: 1/4"-2" (6mm-50mm).

Features
- Threads 1/4"-2" pipe at 36 RPM and 216-4" at 12 RPM.
- The 1224 threading machine has a wide range of pipe including black, galvanized and plastic-coated pipe, together with stainless steel, IMC, and heavy-wall conduit, as well as rod up to 30 Rockwell C.
- An induction motor insures sound levels well within the limits set by the regulating authorities.
- A special capacitor-start / capacitor-run motor allows the 1224 to thread a full range of material where voltage drop is experienced.
- 1/4"-2" Universal Die Head, 216-4" receding die head allows cutting of tapered or straight NPT/NPSM or BSPT/BSPP threads.
- Constant and proper lubrication of dies and workpiece with through-head oiling.
- Approved by CSA (115V only).

Technical Specifications
- Motor: 110 HP, single-phase, 60 Hz or 50 Hz, induction type.
- Motor Control: Reverse/Off/Forward, heavy-duty rotary-type and integral foot switch.
- Spindle Speed: 36/12 RPM.
- Gear Box: Two-speed gear box 3:1 ratio.
- Chuck: Hammer type with replaceable rocker-action jaw inserts.
- Rear Centering Device: Cam action.
- Cutter: Model 764 full-floating, self-centering 1/4"-2" with F-229 cutter wheel.
- Reamer: Model 744, 1/4"-2" blade type.
- Oiling: Through die head.
- Pump: Self-priming, gerotor type, automatic-reversing, constant-flow.

<table>
<thead>
<tr>
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<th>Model No.</th>
<th>Description</th>
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<td>F-229 Cutter Wheel</td>
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Model 1224 Threading Machine

Standard Equipment
Model No. 1224 threading machine with foot switch.
- One No. 714 (9106) 216-4" receding self-opening die head.
- One No. 711 (9111) 1/4"-2" universal self-opening die head.
- One set 1/4"-1/2" universal alloy dies.
- One set 1"-2" universal alloy dies.
- One set 216-4" 1224 high-speed dies.
- One gallon Nu-Clear oil.
- Three Oil hex keys.
- One spare F-229 cutter wheel.
- One 1/4" combination wrench.
- One tool box.
- One No. 744 reamer.
- One No. 764 cutter.

Accessories
- 5CW01 - 50" F-229 Reamer Blade
- 184037 - 5"-2" Rounder Blade
- 186047 - 1/4"-2" Full Floating Self-Centering Die Head
- 186048 - 1/4"-2" Universal Self-Centering Die Head, NPT/MPT
- 186049 - 1/4"-2" Universal Self-Centering Die Head, BSPP
- 186050 - 1/4"-2" Universal Self-Centering Die Head, NPT
- 186051 - 1/4"-2" Universal Self-Centering Die Head, BSPP
- 215401 - 1/4"-2" Universal Self-Centering Die Head, BSPP
NPT Pipe Dies for Machine Die Heads
Pipe Dies for use in Universal Die Heads (Nos. 504A, 711, 713, 811A, 815A, 816, 817 and 842)

<table>
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<tr>
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<td>47745</td>
<td>Alloy RH</td>
<td>1-3/4-14</td>
<td>1/4</td>
</tr>
<tr>
<td>4Z978</td>
<td>47750</td>
<td>High-Speed RH</td>
<td>1-1-11/16</td>
<td>1/2</td>
</tr>
<tr>
<td>4CW92</td>
<td>47760</td>
<td>High-Speed RH</td>
<td>1-1/4-18</td>
<td>1/4</td>
</tr>
<tr>
<td>4CW93</td>
<td>47765</td>
<td>High-Speed RH</td>
<td>1-1-11/16</td>
<td>1/2</td>
</tr>
<tr>
<td>5A196</td>
<td>47770</td>
<td>High-Speed RH</td>
<td>1-1-11/16</td>
<td>1/2</td>
</tr>
<tr>
<td>4CW94</td>
<td>47780</td>
<td>High-Speed for Stainless Steel RH</td>
<td>1-1/4-18</td>
<td>1/4</td>
</tr>
<tr>
<td>4CW95</td>
<td>47785</td>
<td>High-Speed for Stainless Steel RH</td>
<td>1-1-11/16</td>
<td>1/2</td>
</tr>
<tr>
<td>4CW96</td>
<td>47790</td>
<td>High-Speed for Stainless Steel RH</td>
<td>1-1-11/16</td>
<td>1/2</td>
</tr>
</tbody>
</table>

Machine Stands

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
<th>lb.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1EZ17</td>
<td>92462</td>
<td>Universal Wheel &amp; Tray Stand</td>
<td>103</td>
<td>46.7</td>
<td></td>
</tr>
<tr>
<td>2ZB62</td>
<td>92467</td>
<td>Universal Wheel &amp; Cabinet Stand</td>
<td>104</td>
<td>47.5</td>
<td></td>
</tr>
</tbody>
</table>

Steel Cabinet Features
- 17 gauge steel walls and welded construction.
- Two internal and one external storage shelves.
- Oversized bi-fold door with steel clasp.
- Cut-outs for power cord and foot switch storage.
- Two drain plugs for easy cleaning.

Manual Roll Groover

915 Manual Roll Groover
The new RIDGID 915 Roll Groover is a manual roll groover for in-place field applications. The 915 requires only 3 1/2” of clearance to travel around a pipe and a minimum of 2 3/4” of exposed pipe for grooving. With the appropriate roll sets, the 915 can groove from 1¼” to 12” pipe, the widest range in its class! The 915’s cast-in handle allows for easy transport or chaining the groover down to prevent theft. The 915 is a must for service work crews.

Features
- Lightweight design – only 23 pounds.
- Easy roll set change out – up to 12" pipe capacity in one unit for service versatility.
- Cast-in carrying handle – easy to transport or lock up to prevent theft.
- Included ratchet – 90 degree bend-in handle makes grooving easier.
- Available customized tool box – holds 915 groover and all available roll sets.
- Easy to use depth setting gauge – helps make accurate grooves.

Specifications
Capacity:
- 2”- 6” Sch. 10 Steel Pipe.
- 2”- 3½” Sch. 40 Steel Pipe.
- Operation: Feed screw with 1/2” ratchet wrench (included).

Standard Equipment
- 915 Roll Groover with 2”- 6” Sch. 10 & 2”- 3½” Sch. 40.
- Roll Set Ratchet Wrench.

Accessories

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
<th>lb.</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1ED99</td>
<td>88232</td>
<td>915 Roll Groover with 2”- 6” Sch. 10 &amp; 2”- 3½” Sch. 40 Roll Set</td>
<td>23</td>
<td>10.4</td>
<td></td>
</tr>
<tr>
<td>1EZ10</td>
<td>93497</td>
<td>Tool Box</td>
<td>21</td>
<td>1/2</td>
<td>9.7</td>
</tr>
</tbody>
</table>

Roll Grooving

32

Threaded

Roll Grooving
Model 975 Combo Roll Groover

The Model 975 Combo Roll Groover is two tools in one. Like other RIDGID roll groovers, the 975 mounts on the RIDGID® 300 Power Drive for machine-powered roll grooving jobs, but it is also designed to manually roll groove in-place pipe.

Auto Tracking & Depth Setting Gauge Means Easier Use

The 975 Combo Groover includes new, patented auto tracking technology for significantly easier grooving. Whether you’re doing machine-powered or manual grooving, the AutoTrack gauge keeps the pipe automatically engaged to the groover throughout the grooving process. The 975 also includes a permanently-fixed depth setting gauge for quicker, repeatable set up.

Less Hand-Force Required

When manually roll grooving, the 975’s 55% higher gear reduction means less hand-force is required versus competitive manual roll groovers. This is especially helpful for overhead roll grooving.

Durability And Portability

A tough, ductile iron construction means the 975 can absorb job site abuse and provide accurate grooves time after time. A cast in handle makes the 975 easily portable to and from the job site.

Specifications

- Pipe Capacity:
  - 1"-6" Schedule 5, 10 and Schedule 40 Steel, Aluminum and PVC Pipe.
  - 1¼"-2" Schedule 40 Stainless Steel Pipe.
- Depth Adjustment: Adjusting screw and integral, index depth gauge.
- Actuation: Feed screw with 1½" ratchet wrench (included) or any 15/16" hex wrench.
- Power Drive Mounting: RIDGID 300 Power Drive 38/57 RPM (Reverse Direction Only).

Ordering Information

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>3ARC8</td>
<td>25638</td>
<td>975 Combo Roll Groover</td>
<td>26.1 lb. 11.9 kg</td>
</tr>
</tbody>
</table>

Power-Driven 916 Roll Groover

The RIDGID Model 916 Roll Groover is the most durable and efficient lightweight portable unit available. Built with a solid, durable cast iron housing, it withstands heavy usage, yet is light enough for easy transportation. The 916 features a patented single stroke feed mechanism that allows for accurate operation quickly and effortlessly.

Features

- Specifically designed for field service roll grooving applications.
- Quick and easy mount to RIDGID Nos. 300 Power Drive, 535 or 1822 Threading Machines.
- Cam-type feed actuation—translates into minimum operator effort to form roll grooves.
- Durable cast iron housing withstands extensive field use.
- Depth adjustment screw separate from feed mechanism allows for consistent groove depth.
- Lightweight, only 33 lbs., allows for easy transport and storage.
- Integral feed handle is part of overall unit. No extra tools required.
- Easy serviceability—drive and groove rolls are easy to change.

Standard Equipment

- One 1¼"-6" Roll Groove Set for steel. (1¼"-6" schedule 10, 1¼"-3" schedule 40).

Ordering Information

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2RPC2</td>
<td>45007</td>
<td>916 Roll Groover for 300 Power Drive</td>
</tr>
</tbody>
</table>

Note: A Roll Set consists of a Groove Roll and a Drive Roll.
400 Series Instrument Benders

- Combine accuracy with easy operation.
- Offset cushion grip handles for comfort when forming 180° bends. A 90° start angle and unique oil-absorbing shoe minimize bending effort while forming accurate bends in copper, steel and stainless steel tubing.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Capacity</th>
<th>Bend Radius</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>44620</td>
<td>38122</td>
<td>Lever Bender</td>
<td>¼”</td>
<td>5/16”</td>
<td>1 lb.</td>
</tr>
<tr>
<td>44621</td>
<td>38209</td>
<td>Lever Bender</td>
<td>3/8”</td>
<td>7/32”</td>
<td>1.18 lb.</td>
</tr>
<tr>
<td>44622</td>
<td>38210</td>
<td>Lever Bender</td>
<td>1”</td>
<td>13/32”</td>
<td>2.45 lb.</td>
</tr>
</tbody>
</table>

Model 456 Tri-Bender

- Designed to easily bend three different sizes of soft tubing: 1/4”, 3/8”, and 5/8” with the same tool. Ideal for plumbing and HVAC applications.
- A 90° start angle minimizes effort required to form a bend. Handy reference marks indicate the angle for quick bends through 90°.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Tube Size</th>
<th>Bend Radius</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>44950</td>
<td>35170</td>
<td>Lever Bender</td>
<td>1/4”</td>
<td>10”</td>
<td>2.45 lb.</td>
</tr>
<tr>
<td>44951</td>
<td>35175</td>
<td>Lever Bender</td>
<td>3/8”</td>
<td>10”</td>
<td>4.30 lb.</td>
</tr>
<tr>
<td>44952</td>
<td>35180</td>
<td>Lever Bender</td>
<td>1”</td>
<td>10”</td>
<td>8.00 lb.</td>
</tr>
</tbody>
</table>

500 Series Heavy-Duty Instrument Benders

- Specially designed for bending stainless steel, titanium and other types of hard tubing.
- A unique two-stage handle design and rollers in the bending handle combine to produce high quality bends with significantly less effort than with conventional benders.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Tube Size</th>
<th>Bend Radius</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>41150</td>
<td>35185</td>
<td>Lever Bender</td>
<td>1/4”</td>
<td>7”</td>
<td>0.80 lb.</td>
</tr>
<tr>
<td>41155</td>
<td>35190</td>
<td>Lever Bender</td>
<td>3/8”</td>
<td>7”</td>
<td>1.80 lb.</td>
</tr>
<tr>
<td>41160</td>
<td>35195</td>
<td>Lever Bender</td>
<td>1”</td>
<td>7”</td>
<td>3.00 lb.</td>
</tr>
</tbody>
</table>

Geared Ratchet Tube Benders

- High geared mechanical ratio, bend heavy-wall steel tube (up to 1/8” wall thickness), stainless steel tube (up to 1/8” wall thickness) and hard copper water tube (types K and L).
- Benders produce uniform bends up to 180°, with no need to anneal tubing or use special temper grade tubing.
- Reduce bending effort to a minimum.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Radius to Center of Tube</th>
<th>Tube O.D.</th>
<th>Weight</th>
<th>Std. Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A754</td>
<td>35170</td>
<td>3/16”</td>
<td>1/8”</td>
<td>1 lb.</td>
<td>100</td>
</tr>
<tr>
<td>1A755</td>
<td>35175</td>
<td>3/16”</td>
<td>5/32”</td>
<td>1 lb.</td>
<td>100</td>
</tr>
</tbody>
</table>

Tube Expander

- This single-stage expander is designed to expand tubing for fast, accurate joints in soft copper, aluminum, and soft steel tube without using fittings. The mechanism is free-floating and self-centering.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Tube Capacity</th>
<th>Weight/Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4A523</td>
<td>34152</td>
<td>Swaging Tools</td>
<td>1/8”, 3/16”, 1/4”, 5/32”</td>
<td>6, 9, 12, 16 oz.</td>
</tr>
</tbody>
</table>

Swaging Tools

- RIDGID Swaging Tools are quality-made and zinc-plated for accuracy and durability.
- Set of four tools is packaged in handy vinyl pouch.
- Designed for copper, aluminum or brass.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>G.O.D. Capacity</th>
<th>Weight/Pk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>4A524</td>
<td>34152</td>
<td>Swaging Tools</td>
<td>1/8”, 3/16”, 1/4”, 5/32”</td>
<td>6, 9, 12, 16 oz.</td>
</tr>
</tbody>
</table>
Flaring Tools

No. 45R Ratchet Flaring Tool
- This precision tool provides smooth, uniform flares with minimum effort.
- The new ratcheting feed screw handle turns easily and requires less motion and effort than a standard handle.
- Hardened steel flaring cone, eccentrically mounted in needle bearings, produces rolling action for even metal flow, giving uniform flare walls without galling.

Model No. | Description | Sizes (in.) | Weight
--- | --- | --- | ---
45R | Ratchet Flaring Tool | 3⁄16” - 3⁄8” | 1.2 lbs.
458R | Ratchet Flaring Tool | 7⁄32” - 1⁄2” | 1.6 lbs.

All flaring tools listed are recommended for soft materials such as aluminum and soft copper. No. 45R will flare steel, stainless steel, hard copper, and brass thru wall thickness of .035 inches.

No. 345 Flaring Tool
- Model 345 is a precision designed tool for producing 45° flares in soft copper, brass, aluminum and mild steel (JIC and Bundy) tubing.
- A hardened, smooth cone provides fast, 45° flares either single or double lap.
- A single clamp screw provides for easy clamping and removal of tubing.

Model No. | Description | Sizes (in.) | Weight
--- | --- | --- | ---
345 | Forged Vise | 5/32” - 5/16” | 1.1 lbs.
458R | Forged Vise | 3/32” - 1/4” | 1.6 lbs.

No. 1450 Pressure Test Pump
- Tests hydraulically for leaks in installations which are required to be leak proof. Will test systems up to 725 PSI.
- Especially for use in heating, compressed air, refrigeration systems, oil installations, sprinkler systems and other small bore pipe installations.

Model No. | Description | Pressure
--- | --- | ---
P1450 | Pressure Test Pump | 725 PSI

Vises

F-Series Vise Features
- All steel, drop forged construction with fixed pipe jaws.
- Steel handle with rubber anti-pinch rings.
- Large, hardened anvil.
- Forged steel swivel base with dual draw-down bolts.

XF-Series Quick-Acting Vise Features
- Quick-Action Trigger for fast work piece positioning.
- Forged steel construction for superior durability and strength.
- Patented jaw alignment system for precise clamping and long service life.
- 360° swivel base for flexibility.
- Oversized jaws and anvil for maximum work areas.

Soldering Gun

Professional Electric Soldering Gun
RT-100
- Designed for soft soldering (50/50, 60/40 alloys) 1/16” - 1/2” Copper Tube.
- Flameless soldering – easy-to-use.
- Six feet of cable.
- Built-in handle and cord wrap.
- Specially designed for repair and renovation jobs.
- Approved by CSA to CSA and UL standards (115 V only).

RT-175
- Soft solders 1/8” - 3/8” tube.
- Flameless soldering – easy-to-use.
- Twelve feet of cable.
- Fully contained in metal carrying case.
- Approved by CSA to CSA and UL standards (115 V only).

Pressure Test Pump

No. 1450 Pressure Test Pump
- Tests hydraulically for leaks in installations which are required to be leak proof. Will test systems up to 725 PSI.
- Especially for use in heating, compressed air, refrigeration systems, oil installations, sprinkler systems and other small bore pipe installations.

Model No. | Description | Connections
--- | --- | ---
P1450 | Pressure Test Pump | 1” NPT

Pipe/Tube Fabrication & Maintenance
Model KT-200

For fast thawing of frozen metal pipes

1⁄2" through 1½" (12-36mm).

The KT-200 Pipe Thawing Unit provides continuous heating to quickly thaw 1⁄2" to 1½" frozen metal pipes. With this lightweight, versatile unit, there is no need to dig or tear apart walls. Simply attach the clamps to the metal pipe on each side of the frozen section and the pipe is thawed within minutes.

- Approved by CSA to CSA and UL standards (115 V only).
- Continuous Operation: The KT-200 will operate continuously without requiring any "cool-down" periods. There is no tripping of the unit or need to turn the unit off during the thawing process. Simply attach the cables to the pipe, turn the unit on and let it do its job – continuously from start to finish.
- Lightweight: Weighing under 30 lbs., each unit can be easily transported to the most difficult locations such as attics.
- Versatile: With 4 output levels, the KT-200 can be used on 4' to 150' lengths of pipe. The KT-200’s amp meter allows the user to select the proper output level for maximum current draw and minimum thawing time.
- Powerful: The KT-200 operates on a standard 115V, 15 amp outlet. It produces 250-400amps of thawing power.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF-2500</td>
<td>KT-200</td>
<td>Pipe Thawing Unit with Clamps</td>
<td>55 lbs</td>
</tr>
</tbody>
</table>

SuperFreeze® Pipe Freezing Tool

Avoids the Cost and Inconvenience of a System Shutdown and Purge.

The SuperFreeze Pipe Freezer is an easy-to-use pipe freezing unit that allows the contractor to keep water systems operating while making repairs. The RIDGID SF-2500 is a mini-refrigeration unit that circulates self-contained refrigerant to its aluminum freeze heads. This forms an ice plug in as little as 6 minutes in 1⁄2" copper tube and can be used with up to 21⁄2" pipe or 2" pipe. Once the pipe is plugged, repairs can be made while the ice plug is maintained by the unit. Now includes a bottle of specially formulated freeze gel to speed freezing. Apply the gel to freeze heads before placing on pipe.

- Approved by UL to CSA and UL standards (115 V only).

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<thead>
<tr>
<th>Catalog No.</th>
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<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF-2500</td>
<td>KT-200</td>
<td>Pipe Thawing Kit - 115V</td>
<td>55 lbs</td>
</tr>
</tbody>
</table>

Pipe Freezer

SuperFreeze® Pipe Freezing Tool

The SuperFreeze Pipe Freezer is an easy-to-use pipe freezing tool that allows the contractor to keep water systems operating while making repairs. The RIDGID SF-2500 is a mini-refrigeration unit that circulates self-contained refrigerant to its aluminum freeze heads. This forms an ice plug in as little as 6 minutes in 1⁄2" copper tube and can be used with up to 2 1⁄2" pipe or 2" pipe. Once the pipe is plugged, repairs can be made while the ice plug is maintained by the unit. Now includes a bottle of specially formulated freeze gel to speed freezing. Apply the gel to freeze heads before placing on pipe.

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<td>KT-200</td>
<td>Pipe Thawing Unit</td>
<td>55 lbs</td>
</tr>
</tbody>
</table>

Compact Battery-Powered Press Tool

1⁄2" to 1 1⁄4" Capacity for Copper and Stainless Steel

Model 100-B Compact

The Model 100-B is the most compact, lightweight, and yet, powerful press tool developed by Ridgid Tool. It delivers just the right capacity needed for small diameter copper and stainless steel tubing. The 100-B’s compact size, and barrel that swivels 90°, allows access to the tightest spots.

Specifications
- Capacity: 1⁄2" to 1 1⁄4" for copper and stainless.
- Uses Compact Series Press Jaws.
- 90° barrel/ jaw swivel.
- Battery: 14.4V, 2.6 Ah Ni-MH.
- Battery Charger: 115V.
- Hydraulic Ram Output: 5,400 lbs. (24 kN).
- Weight: 7.5 lbs. with battery.
- Operating Temperature Range: 32ºF - 122ºF.
- Approximate Cycle Time: 4 seconds.
- Standard Kit includes: 100-B Press Tool, 2 Batteries, Battery Charger and Carrying Case.

<table>
<thead>
<tr>
<th>Catalog No.</th>
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<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2TE25</td>
<td>16953</td>
<td>100-B Kit</td>
<td></td>
</tr>
</tbody>
</table>

Pipe Thawer

For fast thawing of frozen metal pipes

1⁄2" through 1½" (12-36mm).

The KT-200 Pipe Thawing Unit provides continuous heating to quickly thaw 1⁄2" to 1½" frozen metal pipes. With this lightweight, versatile unit, there is no need to dig or tear apart walls. Simply attach the clamps to the metal pipe on each side of the frozen section and the pipe is thawed within minutes.

- Approved by CSA to CSA and UL standards (115 V only).
- Continuous Operation: The KT-200 will operate continuously without requiring any “cool-down” periods. There is no tripping of the unit or need to turn the unit off during the thawing process. Simply attach the cables to the pipe, turn the unit on and let it do its job – continuously from start to finish.
- Lightweight: Weighing under 30 lbs., each unit can be easily transported to the most difficult locations such as attics.
- Versatile: With 4 output levels, the KT-200 can be used on 4' to 150' lengths of pipe. The KT-200’s amp meter allows the user to select the proper output level for maximum current draw and minimum thawing time.
- Powerful: The KT-200 operates on a standard 115V, 15 amp outlet. It produces 250-400 amps of thawing power.

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Specifications
- Capacity: 1⁄2" to 1 1⁄4" for copper and stainless.
- Uses Compact Series Press Jaws.
- 90° barrel/ jaw swivel.
- Battery: 14.4V, 2.6 Ah Ni-MH.
- Battery Charger: 115V.
- Hydraulic Ram Output: 5,400 lbs. (24 kN).
- Weight: 7.5 lbs. with battery.
- Operating Temperature Range: 32ºF - 122ºF.
- Approximate Cycle Time: 4 seconds.
- Standard Kit includes: 100-B Press Tool, 2 Batteries, Battery Charger and Carrying Case.

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The KT-200 Pipe Thawing Unit provides continuous heating to quickly thaw 1⁄2" to 1½" frozen metal pipes. With this lightweight, versatile unit, there is no need to dig or tear apart walls. Simply attach the clamps to the metal pipe on each side of the frozen section and the pipe is thawed within minutes.

- Approved by CSA to CSA and UL standards (115 V only).
- Continuous Operation: The KT-200 will operate continuously without requiring any “cool-down” periods. There is no tripping of the unit or need to turn the unit off during the thawing process. Simply attach the cables to the pipe, turn the unit on and let it do its job – continuously from start to finish.
- Lightweight: Weighing under 30 lbs., each unit can be easily transported to the most difficult locations such as attics.
- Versatile: With 4 output levels, the KT-200 can be used on 4’ to 150’ lengths of pipe. The KT-200’s amp meter allows the user to select the proper output level for maximum current draw and minimum thawing time.
- Powerful: The KT-200 operates on a standard 115V, 15 amp outlet. It produces 250-400 amps of thawing power.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF-2500</td>
<td>KT-200</td>
<td>Pipe Thawing Kit</td>
<td>55 lbs</td>
</tr>
</tbody>
</table>

Pipe Freezer

SuperFreeze® Pipe Freezing Tool

The SuperFreeze Pipe Freezer is an easy-to-use pipe freezing tool that allows the contractor to keep water systems operating while making repairs. The RIDGID SF-2500 is a mini-refrigeration unit that circulates self-contained refrigerant to its aluminum freeze heads. This forms an ice plug in as little as 6 minutes in 1⁄2" copper tube and can be used with up to 2 1⁄2" pipe or 2" pipe. Once the pipe is plugged, repairs can be made while the ice plug is maintained by the unit. Now includes a bottle of specially formulated freeze gel to speed freezing. Apply the gel to freeze heads before placing on pipe.

- Approved by UL to CSA and UL standards (115 V only).

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF-2500</td>
<td>KT-200</td>
<td>Pipe Thawing Unit</td>
<td>55 lbs</td>
</tr>
</tbody>
</table>
**Battery-Powered Press Tool**

**1/2" to 2" Capacity**

**Model RP 330-B Battery-Powered Press Tool**

For convenience and portability, the RP 330-B is the logical choice. Featuring a barrel that rotates 270 degrees and a longer service interval, the RP330-B is designed to handle your toughest construction projects. Powered by a 18V Lithium-Ion Battery, the RP 330-B offers 50% more presses per battery charge than Ni-MH battery powered tools.

**Specifications**
- **Capacity:** 1/2" - 2".
- **270° Barrel/Jaw Swivel.**
- **Battery:** 18V 2.2 Ah Lithium-Ion.
- **Battery Charger:** 115V.
- **Hydraulic Ram Output:** 7,200 lbs. (32kN).
- **Battery:** 18V 2.2 Ah Lithium-Ion.
- **270° Barrel/Jaw Swivel.
- **Approved by UL to UL and CSA Standards.**

**Description**
- Battery-Powered
- 1/2" to 2" Capacity

**Table:**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>RIDGID</th>
<th>Description</th>
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<th>Std Pack</th>
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<tbody>
<tr>
<td>27968</td>
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<td>RP 330-B</td>
<td>13</td>
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<tr>
<td>27958</td>
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<td>RP 330-C</td>
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**Accessories**

<table>
<thead>
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<th>Weight lb.</th>
<th>Std Pack</th>
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<tbody>
<tr>
<td>27023</td>
<td></td>
<td>V1 Kit, 2 Batters, Battery Charger and Carrying Case</td>
<td>115</td>
<td>1</td>
</tr>
<tr>
<td>27025</td>
<td></td>
<td>V2 Kit, 2 Batteries, Battery Charger and Carrying Case</td>
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<td>1</td>
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</table>

**Press Tool with Jaw Sets for ProPress Copper**

**Table:**

<table>
<thead>
<tr>
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<th>RIDGID</th>
<th>Description</th>
<th>Weight lb.</th>
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</thead>
<tbody>
<tr>
<td>27023</td>
<td></td>
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<td>115</td>
<td>1</td>
</tr>
<tr>
<td>27025</td>
<td></td>
<td>V2 Kit, 2 Batteries, Battery Charger and Carrying Case</td>
<td>115</td>
<td>1</td>
</tr>
</tbody>
</table>

**Press Tool with Jaw Sets for ProPress (copper)**

**Table:**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>RIDGID</th>
<th>Description</th>
<th>Weight lb.</th>
<th>Std Pack</th>
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</thead>
<tbody>
<tr>
<td>27023</td>
<td></td>
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<td>115</td>
<td>1</td>
</tr>
<tr>
<td>27025</td>
<td></td>
<td>V2 Kit, 2 Batteries, Battery Charger and Carrying Case</td>
<td>115</td>
<td>1</td>
</tr>
</tbody>
</table>

**Press Rings**

**Standard Series XL-C/S Press Rings**

For Use with ProPress XL-C/S (Copper & Stainless Steel Fittings)

The patented XL-C/S Press Rings and V2 Actuator provide increased flexibility in tight spaces. The ball-tip V2 Actuator switches nearly 180° with the XL-C/S Press Rings, allowing increased accessibility when making 2 1/4 - 4" connections on ProPress XL-C/S fittings. These rings work with all RIDGID Standard Series Pressing Tools to make connections on 2 1/4" - 4" (320-E, RP 330-B, RP 330-C & CT400).

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>RIDGID</th>
<th>Description</th>
<th>Weight lb.</th>
<th>Std Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>27227</td>
<td></td>
<td>XL-C/S 2 1/4&quot;, 1&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; Ring</td>
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</table>

**Corded Press Tool**

**1/2" to 2" Capacity**

**Model RP 330-C Corded Press Tool**

For the piece of mind a corded tool offers, choose the RP 330-C press tool. With all of the same features, functionality and durability of the battery powered version, the RP 330-C press tool is the workhorse of the job site. At nearly one-half the weight of the previous CT400 unit, this is our lightest corded press tool.

**Specifications**
- **Capacity:** 1/4" - 4".
- **270° Barrel/Jaw Swivel.**
- **Hydraulic Ram Output:** 7,200 lbs. (32kN).
- **Weight:** 9 lbs.
- **Operating Temperature Range:** 15°F to 122°F.
- **Approximate Cycle Time:** 5 seconds.
- **Standard Kit includes:** RP 330-B Press Tool and Carrying Case.
- **Compatible with all RIDGID Standard Series Pressing Attachments.
- **For use with Copper, Stainless Steel and PEX Tubing.
- **Approved by UL to UL and CSA Standards.

**Table:**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>RIDGID</th>
<th>Description</th>
<th>Weight lb.</th>
<th>Std Pack</th>
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<tbody>
<tr>
<td>27023</td>
<td></td>
<td>V1 Kit, 2 Batters, Battery Charger and Carrying Case</td>
<td>115</td>
<td>1</td>
</tr>
<tr>
<td>27025</td>
<td></td>
<td>V2 Kit, 2 Batteries, Battery Charger and Carrying Case</td>
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<td>1</td>
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</table>

**Accessories**

<table>
<thead>
<tr>
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<th>RIDGID</th>
<th>Description</th>
<th>Weight lb.</th>
<th>Std Pack</th>
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</thead>
<tbody>
<tr>
<td>27023</td>
<td></td>
<td>V1 Kit, 2 Batters, Battery Charger and Carrying Case</td>
<td>115</td>
<td>1</td>
</tr>
<tr>
<td>27025</td>
<td></td>
<td>V2 Kit, 2 Batteries, Battery Charger and Carrying Case</td>
<td>115</td>
<td>1</td>
</tr>
</tbody>
</table>

**Press Rings**

**Standard Series Press Rings for ProPress Copper and Stainless Fittings**

Standard Series Press Rings for ProPress fittings permit access in tighter spaces and serve as an excellent complement to your RIDGID jaw sets. The swivel actuator allows a press tool to be placed +/-90 degrees to the tube being pressed!

**Features**
- **V1 and V2 Kits are designed for use with RIDGID 320-E, RP 330-B, RP 330-C & CT400 Press Tools.
- **CT Compact Kits are designed for RIDGID 100-B Press Tools.
- **ProPress Rings are available in 1/4" - 2" capacity.
- **Standard Kit includes: Press Rings, Actuator and Carrying Case.
- **Compatible with all RIDGID Standard Series Pressing Attachments.
- **For use with Copper, Stainless Steel and PEX Tubing.
- **Approved by UL to UL and CSA Standards.

**Table:**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>RIDGID</th>
<th>Description</th>
<th>Weight lb.</th>
<th>Std Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>G2ME4</td>
<td></td>
<td>V1 Kit, 1&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; Ring</td>
<td>13</td>
<td>1</td>
</tr>
<tr>
<td>G2ME5</td>
<td></td>
<td>V2 Kit, 1&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; Ring</td>
<td>13</td>
<td>1</td>
</tr>
<tr>
<td>G2ME6</td>
<td></td>
<td>V1 Kit, 1&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; Ring</td>
<td>13</td>
<td>1</td>
</tr>
<tr>
<td>G2ME7</td>
<td></td>
<td>V2 Kit, 1&quot;, 1 1/4&quot;, 1 1/2&quot;, 2&quot; Ring</td>
<td>13</td>
<td>1</td>
</tr>
</tbody>
</table>
**SeekTech® Utility Line Locators**

The large displays on SeekTech Receivers give you the information you need when you need it to locate more with greater certainty.

- **Proximity Signal**
- **Current Strength/Signal Angle**
- **Depth/Distance**
- **Left/Right Guidance Arrows**

**Performance**

The Mapping Display confirms a good locate signal and identifies distortion in congested areas using:

- **Target Line** – Guides the operator down the line and shows changes in direction.
- **Left Right Guidance Arrows** – Points the operator to the target utility.
- **Proximity Signal and Signal Strength** – Helps the operator center the locator closer to the target for more confident locates.

**Other features include:**

- **Continual Depth** – Increases productivity by showing depth changes in real time.
- **Omni-Sek®** – Increases accuracy and efficiency when searching in passive mode. Continuously searches passive power and radio bands to locate and avoid unknown metallic lines.
- **User Defined Frequencies** – RIDGID SeekTech SR-20 Receivers can be configured with up to 30 user defined frequencies between 10 Hz and 35,000 Hz.

**Comparison of Features** – RIDGID SeekTech SR-20 Receivers can be configured with up to 30 user defined frequencies between 10 Hz and 35,000 Hz.

<table>
<thead>
<tr>
<th>Feature Description</th>
<th>SR-20</th>
<th>Conventional</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target Line (Simultaneous Sonde &amp; Line Trace)</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>User Defined Frequencies (Competitor frequencies)</td>
<td>Yes up to 25 kHz</td>
<td>Limited or No</td>
</tr>
<tr>
<td>Omni-Sek® (Simultaneous Multiple Line Trace)</td>
<td>Yes – All Passive Bands at Once</td>
<td>No</td>
</tr>
<tr>
<td>Depth</td>
<td>Continuous</td>
<td>Partial/None to Variable</td>
</tr>
<tr>
<td>Current Measurement</td>
<td>Continuous</td>
<td>Partial/None to Variable</td>
</tr>
<tr>
<td>Continuity/Identification On Display</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Screen Guidance (Using Headphones)</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**SR-20**

For users wanting a lightweight yet rugged receiver that provides all the information needed for faster, more accurate locates:

- **Target line and guidance arrows quickly identify distortions.**
- **Proximity signal and signal strength help work through difficult locates.**

Choose the SR-20 and learn to locate with more confidence.

**SR-20 Specifications**

- **Active Line Trace Frequencies**: 128 Hz, 1 kHz, 8 kHz, 33 kHz
- **Passive Power Trace**: 50 Hz, 60 Hz, <4 kHz Broadband
- **Passive Radio Trace**: 4 kHz-15 kHz, 15 kHz-36 kHz
- **Sonde Frequencies**: 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz
- **Power Source**: 4 C-Car Batteries
- **Battery Life**: Approximately 16 Hours
- **Weight**: 4 lbs (2.0 kg)

Meets FCC Class A and EN 55022 Class A requirements.

*30 user-definable frequencies can be set from 10 Hz to 35,000 Hz.

**SR-60**

For users wanting the fastest, easiest, most versatile receiver available:

- **Can trace any frequency from 10 Hz to 490,000 Hz.**
- **Can condition energized lines and sondes (active beacons) simultaneously.**
- **Has all the ease of use and accuracy of the SR-20 but with all locatable frequencies.**

Choose the SR-60 for fast confident locates even under tough locate conditions (poor conductors, poor soil conditions, poor grounding, etc.).

**SR-60 Specifications**

- **Active Line Trace Frequencies**: 128 Hz, 1 kHz, 3 kHz, 9 kHz, 262 kHz. Passive Power Trace: 50 Hz, 60 Hz, <4 kHz Broadband. Passive Radio Trace: 4 kHz-15 kHz, 15 kHz-36 kHz. Sonde Frequencies: 16 Hz, 512 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz. Power Source: 4 C-Car Batteries. Battery Life: Approximately 16 Hours. Weight: 6 lbs (2.7 kg). Meets FCC Class A and EN 55022 Class A requirements.

*30 user-definable frequencies can be set from 10 Hz to 490,000 Hz.

---

**RIDGID Line Transmitters**

**Accuracy & Confidence**: RIDGID Transmitters deliver the power and performance you expect from RIDGID Locating Equipment. Combine your experience with the information provided by RIDGID Locating Equipment and you have tools that allow you to work through difficult traces with confidence.

**SR-305**

- **Direct Current Frequencies**: 4, 5, 6, 7, 8 kHz
- **Inductive Frequencies**: 4 kHz-15 kHz, 15 kHz-36 kHz
- **FCC & EN 55022 Requirement**: Class A

**SR-510**

- **Direct Current Frequencies**: 3, 4 kHz
- **Inductive Frequencies**: 4 kHz-15 kHz, 15 kHz-36 kHz
- **FCC & EN 55022 Requirement**: Class A

**SR-60**

- **Direct Current Frequencies**: 4, 5, 6, 7, 8 kHz
- **Inductive Frequencies**: 4 kHz-15 kHz, 15 kHz-36 kHz
- **FCC & EN 55022 Requirement**: Class A

*When external power source is connected to the ST-33Q, or rechargeable batteries are used up to 10 Watts nominal output power can be generated in direct connect mode.*
### SeeSnake® micro™ Inspection Camera

**SEE IT.**

**Flutter, Under and Around Tight Spaces**

The SeeSnake micro Inspection Camera detects and diagnoses the unreachable. Standard 3’ cable (expandable to 30’ with optional cable extensions), snakes into the tightest spots. A 2.4” high visibility color LCD display shows in detail what can’t be seen.

**FIND IT.**

Locate and Discover

The SeeSnake micro Inspection Camera includes a fully adjustable LED lit camera head to help see no matter how bright or dark the conditions are. The camera head is just 0.7” (17 mm) in diameter to fit in tight spots. A smaller, 0.37” (9.5 mm) diameter, camera head is available for detailed inspections in confined spaces.

**SOLVE IT.**

Grab It, Hook It and Diagnose It

Three attachments that twist and lock on the camera head are included with every SeeSnake micro inspection camera to help solve tough problems.

- **Mirror** to see around corners
- **Hook** to retrieve objects
- **Magnet** to pick up ferrous metal objects

**Specifications**

- **Display**: 2.4” Color LCD (160 x 234 resolution).
- **Camera Diameter**: 0.7” (17 mm).
- **Lighting**: 2 Adjustable LEDs.
- **Cable Reach**: 3’ (expandable to 30’ with optional extensions).
- **Waterproof**: Camera & Cable to 10’ (when properly assembled).
- **Power Source**: 4 AA Batteries (3 hrs. of continuous run-time).
- **Attachments**: Mirror, Hook, Magnet.
- **Weight**: 1.2 lbs (0.5 kg).

**Cables**

- **3’ and 6’ Cable Extensions**
  - Can be combined to see objects up to 30’ away.

**0.37” (9.5 mm) Diameter Imager Head Accessory**

- Nearly one-half the size of the standard camera head.
- Enables detailed inspections in very confined spaces.
- Bright LED lighting provides clear images.
- Sleek aluminum construction withstands demanding applications.

**Catalog No.**  | **Description**  | **Weight**
--- | --- | ---
3CZJ7 | SeeSnake micro Inspection Camera with 17 mm Camera Head | 1 lb (0.5 kg)
3CZJ8 | SeeSnake micro Inspection Camera with 9.5 mm Camera Head | 0.5 lb (0.3 kg)

**Accessories**

- **Replacement Imager Head for micro Inspection Camera**
- **Accessory Pack (Mirror, Hook, Magnet)**
- **0.37” (9.5 mm) Diameter Camera Head**

**Cameras**

- **Display**: 2.4” Color LCD (160 x 234 resolution).
- **Camera Diameter**: 0.7” (17 mm).
- **Lighting**: 2 Adjustable LEDs.
- **Cable Reach**: 3’ (expandable to 30’ with optional extensions).
- **Waterproof**: Camera & Cable to 10’ (when properly assembled).
- **Power Source**: 4 AA Batteries (3 hrs. of continuous run-time).
- **Attachments**: Mirror, Hook, Magnet.
- **Weight**: 1.2 lbs (0.5 kg).

**Catalog No.**  | **Description**  | **Weight**
--- | --- | ---
2VYZ8 | 3’ Cable Extension | 3 lb (1.4 kg)
2RPA6 | 6’ Cable Extension | 1.5 lb (0.7 kg)
1XJY6 | Replacement Imager Head for micro Inspection Camera | 3 lb (1.4 kg)
1XJY7 | Accessory Pack (Mirror, Hook, Magnet) | 0.01 lb (0.004 kg)
2RPA7 | 0.37” (9.5 mm) Diameter Camera Head | 3 lb (1.4 kg)

**Hand-Held Inspection Cameras**

- **Cables**
- **0.37” (9.5 mm) Diameter Imager Head Accessory**
- **3’ or 6’ Cable Extension Accessories**
- **0.37” (9.5 mm) Diameter Camera Head**

**Carrying Case**

**SeeSnake Camera Heads**

- **0.7” (17 mm) diameter imager head**
- **0.37” (9.5 mm) diameter imager head**
Hand-Held Inspection Cameras

**microEXPLORER™ Digital Inspection Camera**

- Perform and record visual inspections in hard-to-reach areas.
- Download still images and video to a computer via USB or SD card.
- Digital self-leveling for consistent upright image.

**Features**

- Still and video image capture.
- Image is always up – self-leveling.
- SD card and mini USB port.
- Pan and zoom.
- Rugged aluminum camera head.

**Specifications**

- Display: 3.5" Color LCD (320 x 240 resolution)
- Image Capture: JPG Images (1280 x 1024) AVI Video (320 x 240)
- Recording Medium: Internal Memory or SD Card
- Image Controls: Pan, Zoom, Self-Leveling, Low-Light Vision
- Lighting: 4 Fully-Adjustable LEDs
- Camera Diameter: 0.7" (17 mm)
- Cable Reach: 3' (expandable to 30' w/optional extensions)
- Waterproof: Camera & Cable to 10' (when properly assembled)
- Power Source: Rechargeable Lithium Ion Battery (4 Hours of Continuous Run Time)

**Standard Equipment**

- Hard plastic carrying case.
- Operator’s manual.
- One lithium ion battery.
- Battery charger.
- USB cable.
- Hook, magnet and mirror.

**Accessories**

- Car charger cord.
- 3’ and 6’ extension cables.

---

SeeSnake® Pipe Inspection... Builds Business and Profits

- Sell additional services.
- Increase customer satisfaction.
- Reduce service time.
- Increase profits.

More than 90% of SeeSnake System owners report increasing sales and profits soon after purchasing their system. It’s easy to see why. Establish credibility with your customers as you show them the condition of the line. Sell more services such as water jetting, root cutting or excavation and repair. SeeSnake not only reduces call backs, but helps you satisfy your customer – and that adds up to more profits.

RIDGID Rugged

The SeeSnake line of pipe inspection equipment is designed and manufactured to endure the roughest conditions. You wouldn’t expect anything less from a RIDGID tool. And, of course, they are approved by UL to CSA and UL standards.

---

SeeSnake – See the Difference

**Camera Head**

- The best performing camera is built tougher for unmatched durability, reliability and performance.
- Scratch-resistant, debris-shedding sapphire crystal lens.
- 100% stainless steel housing.
- High power adjustable LEDs behind a thick polymer plastic window.
- 410,000 pixel resolution.
- Small camera diameter size (25-mm-35 mm).
- Pipe-view (side angle) technology to be able to clearly see the pipe wall.
- Self-leveling option.
- Tested water tight to 330’.

**Push Cables**

This durable push cable, along with RIDGID’s small camera heads, allows you to reach areas other camera systems cannot.
- Fiberglass inner core.
- Polypropylene coating.
- Integrated push cable with power/video signal.

**Reels**

- All SeeSnake drums are enclosed to avoid dirt getting on floors.
- Rust free, dent-resistant drums.
- Mercury-free slip rings.
- Distance counter included.
- All connectors are sturdy 5-pin waterproof universal connectors for added reliability.

---

See the Difference

**Catalog No.**

**Description**

**Weight**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
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</thead>
<tbody>
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<td>2RPA6</td>
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<tr>
<td>2RPA7</td>
<td>30068</td>
</tr>
<tr>
<td>2VYZ8</td>
<td>31128</td>
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<tr>
<td>2VY25</td>
<td>31129</td>
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---

See the Difference
Video Pipe Inspection Systems

SeeSnake Plus Video Inspection System

2" to 12" Lines up to 325'

For the most reliable and rugged pipe inspection camera … SeeSnake Plus, built tougher for unmatched durability, reliability and performance, including:

• 100% hardened stainless steel camera head spring assembly for increased durability.
• Inspects 2" lines and larger:
  – 2" 90s.
  – 3" P-Traps.
• Rugged, high-intensity lights for improved reliability.
• Flexible transmitter makes locating easier and is fully compatible with RIDGID NaviTrack II and NaviTrack Scout locators.
• Also available in an always upright, self-leveling option.
• The best choice if you plan on purchasing only one camera.
• Operates on 115 VAC.

SeeSnake Plus Selection

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Grainger</th>
<th>RIDGID</th>
</tr>
</thead>
<tbody>
<tr>
<td>4GB16</td>
<td>14038</td>
<td>16761</td>
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<td>4GB14</td>
<td>14053</td>
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<tr>
<td>4GB17</td>
<td>69697</td>
<td>16764</td>
</tr>
</tbody>
</table>

For monitors, see page 46.

Pipe Inspection

Mini-SeeSnake Plus Video Inspection System

1¼" to 6" Lines up to 200'

At 25 pounds, the Mini-SeeSnake combines portability with a rugged camera used to inspect lines up to 200 feet. It is built tougher for unmatched durability, reliability and performance including:

• 100% hardened stainless steel camera head for increased durability.
• Improved push cable and smaller camera head to push farther through tighter spots.
• Inspects 1¼"-6" lines:
  – 1¼" 90s (black and white only).
  – 2" P-Traps.
• Rugged, high-intensity lights for improved visibility.
• Flexible transmitter makes locating easier and is fully compatible with RIDGID NaviTrack II and NaviTrack Scout.
• Choose Mini-SeeSnake when portability and maneuverability are crucial (multi-story buildings, roof tops, confined areas, etc.).

Mini SeeSnake Plus Selection

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Grainger</th>
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<tbody>
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<tr>
<td>4GB15</td>
<td>73172</td>
</tr>
<tr>
<td>4GB17</td>
<td>69697</td>
</tr>
</tbody>
</table>

Monitors

Color LCD Monitor + DVD

• 10.4" high resolution, color LCD.
• DVD recorder with wireless remote.
• Hands-free audio recording.
• Video and audio in/out connection.

Color LCD Monitor + VCR

• 10.4" high resolution color LCD or 9" black & white monitor with sunshield.
• Commercial grade VCR.
• Hands-free audio recording.
• Video & audio In/Out connection.

Monitors

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Grainger</th>
</tr>
</thead>
<tbody>
<tr>
<td>1XDX6</td>
<td>23668</td>
</tr>
<tr>
<td>4GB15</td>
<td>73172</td>
</tr>
<tr>
<td>4GB17</td>
<td>69697</td>
</tr>
</tbody>
</table>
NaviTrack® II Locator

The NaviTrack II locator navigates you to the location of underground pipes quickly and easily. It tracks energized lines with ease.

NaviTrack II Locates
- SeeSnake In-Line Transmitters.
- Remote Transmitters (Sondes).
- Energized Metallic Lines.

Performance
- Approach the transmitter from any direction for faster, more accurate locates.
- Maximize the signal and the locate is complete.
- Verify the locate using the large mapping display.
- Depth measurement is continuous.
- Depths of greater than 15’ can be read.

NaviTrack II locators provide unprecedented ease of use. Due to NaviTrack II’s advanced technology, training time is greatly reduced. You can learn to locate with a NaviTrack II unit in minutes.

Specifications
- Weight: 5 lbs.
- Power Source: 4 C-Cell batteries.
- Battery Life: Approximately 16 hours.

Standard Frequencies
- Sonde: 512 Hz.
- Active Line Trace: 128 Hz, 1 kHz, 8 kHz, 33 kHz, 262 kHz.
- Passive AC Line Trace: 60 Hz, 50 Hz.

Additional Frequencies
- Sonde: 16 Hz, 640 Hz, 850 Hz, 8 kHz, 16 kHz, 33 kHz.
- Active Line Trace: 85 Hz, 200 kHz.

Standard Equipment
- Hard Plastic Carrying Case.
- Surface Markers and Clip.
- Instructional DVD.
- 4 C-Cell batteries.

For users that locate both remote transmitters and energized lines on a regular basis, NaviTrack II is the fastest, easiest, most versatile locator.

Kit shown without options/accessories.
NaviTrack Scout® Locator

The NaviTrack Scout locator is designed to solve the most demanding remote transmitter (sonde) locates using the same multi-directional locating technology as the full-featured NaviTrack II.

Easier Locates

The NaviTrack Scout multi-directional antenna technology sees the entire signal all of the time. Simply maximize the signal strength and you have found the target. No nulls or false peaks to complicate the locate.

Accuracy

This locator verifies the locate position using a micro-mapping display to mark distinctive peaks in front of and behind the target, insuring an accurate locate.

Automatic Depth

Depth is automatically calculated and displayed when over the target.

Specifications

- Weight: 3 lbs
- Power Source: 4 C-Cell batteries
- Battery Life: Approximately 24 hours

Standard Frequencies

- Sonde: 16 Hz, 512 Hz, 640 Hz, 874 Hz, and 33 kHz
- Line Trace: 128 Hz, 1 kHz, 8 kHz, and 33 kHz
- Passive AC Line Trace: 60 Hz, 50 Hz

Standard Equipment

- Hard Plastic Carrying Case
- Surface Markers and Clip
- Instructional DVD
- Operator’s Manual
- 4 C-Cell Batteries

The NaviTrack Scout is ideal for users locating SeaSnake cameras and other sondes who occasionally need to locate energized lines.

NaviTrack Transmitters

RIDGID offers a range of transmitters for different applications. NaviTrack Transmitters generate a signal onto the buried cable one of three ways:

- Direct connection using connection cords.
- Induction with the optional inductive signal clamp.
- Induction from the transmitter.

NaviTrack Line Transmitter – 10 Watt

- For tracing buried cable, TV lines, phone lines and other metallic lines which can carry an electromagnetic signal.
- Fully variable 10 Watts of power output.
- Two 20” coil connections.
- Conductive ground rod.
- Inductive signal clamp (optional accessory).

Specifications

- 128 Hz, 1 kHz, 8 kHz, 33 kHz – 10 Watt output power
- 200 kHz, 262 kHz – 1 Watt output power
- Power Source: 8 D-Cell Batteries
- Battery Life: Greater than 120 hours
- Meets FCC Class B and EN 55022 Class B requirements

Remote Transmitter

- Can be attached to a drain cleaning cable or a water jet hose to locate the Remote Transmitter in a line.
- Flashing LED indicates that sonde is transmitting.
- Meets FCC Class B and EN 55022 Class B requirements.

Specifications

- 16 Hz, 512 Hz, 640 Hz, 874 Hz and 33 kHz
- Line Trace: 128 Hz, 1 kHz, 8 kHz and 33 kHz
- Passive AC Line Trace: 60 Hz, 50 Hz

Floating Transmitter

- Ideal for locating septic tanks.
- 512 Hz signal
- Flashing LED indicates that sonde is transmitting.
- Flashable
- Battery-powered.
- Meets FCC Class B and EN 55022 Class B requirements.

Specifications

- 512 Hz
- Flashing LED
- Battery-powered
- Meets FCC Class B and EN 55022 Class B requirements

Meets FCC Class B and EN 55022 Class B requirements.

Sample Table

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
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<tbody>
<tr>
<td>4GB19</td>
<td>NaviTrack Line Transmitter</td>
<td>9 lbs</td>
</tr>
<tr>
<td>4GB20</td>
<td>Inductive Signal Clamp</td>
<td>2 lbs</td>
</tr>
<tr>
<td>4GB21</td>
<td>Remote Transmitter, 512 – AAA</td>
<td>3 lbs</td>
</tr>
<tr>
<td>2RPC3</td>
<td>Float Sondes (2), Plus Extra Battery</td>
<td>3 lbs</td>
</tr>
</tbody>
</table>

NaviTrack Scout® Locator

The NaviTrack Scout locator is designed to solve the most demanding remote transmitter (sonde) locates using the same multi-directional locating technology as the full-featured NaviTrack II.

Easier Locates

The NaviTrack Scout multi-directional antenna technology sees the entire signal all of the time. Simply maximize the signal strength and you have found the target. No nulls or false peaks to complicate the locate.

Accuracy

This locator verifies the locate position using a micro-mapping display to mark distinctive peaks in front of and behind the target, insuring an accurate locate.

Automatic Depth

Depth is automatically calculated and displayed when over the target.

Specifications

- Weight: 3 lbs
- Power Source: 4 C-Cell batteries
- Battery Life: Approximately 24 hours

Standard Frequencies

- Sonde: 16 Hz, 512 Hz, 640 Hz, 874 Hz, and 33 kHz
- Line Trace: 128 Hz, 1 kHz, 8 kHz, and 33 kHz
- Passive AC Line Trace: 60 Hz, 50 Hz

Standard Equipment

- Hard Plastic Carrying Case
- Surface Markers and Clip
- Instructional DVD
- Operator’s Manual
- 4 C-Cell Batteries

The NaviTrack Scout is ideal for users locating SeaSnake cameras and other sondes who occasionally need to locate energized lines.

NaviTrack Transmitters

RIDGID offers a range of transmitters for different applications. NaviTrack Transmitters generate a signal onto the buried cable one of three ways:

- Direct connection using connection cords.
- Induction with the optional inductive signal clamp.
- Induction from the transmitter.

NaviTrack Line Transmitter – 10 Watt

- For tracing buried cable, TV lines, phone lines and other metallic lines which can carry an electromagnetic signal.
- Fully variable 10 Watts of power output.
- Two 20” coil connections.
- Conductive ground rod.
- Inductive signal clamp (optional accessory).

Specifications

- 128 Hz, 1 kHz, 8 kHz, 33 kHz – 10 Watt output power
- 200 kHz, 262 kHz – 1 Watt output power
- Power Source: 8 D-Cell Batteries
- Battery Life: Greater than 120 hours
- Meets FCC Class B and EN 55022 Class B requirements

Remote Transmitter

- Can be attached to a drain cleaning cable or a water jet hose to locate the Remote Transmitter in a line.
- Flashing LED indicates that sonde is transmitting.
- Meets FCC Class B and EN 55022 Class B requirements.

Specifications

- 16 Hz, 512 Hz, 640 Hz, 874 Hz and 33 kHz
- Line Trace: 128 Hz, 1 kHz, 8 kHz and 33 kHz
- Passive AC Line Trace: 60 Hz, 50 Hz

Floating Transmitter

- Ideal for locating septic tanks.
- 512 Hz signal
- Flashing LED indicates that sonde is transmitting.
- Flashable
- Battery-powered.
- Meets FCC Class B and EN 55022 Class B requirements.

Specifications

- 512 Hz
- Flashing LED
- Battery-powered
- Meets FCC Class B and EN 55022 Class B requirements

Meets FCC Class B and EN 55022 Class B requirements.

Sample Table

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>4GB19</td>
<td>NaviTrack Line Transmitter</td>
<td>9 lbs</td>
</tr>
<tr>
<td>4GB20</td>
<td>Inductive Signal Clamp</td>
<td>2 lbs</td>
</tr>
<tr>
<td>4GB21</td>
<td>Remote Transmitter, 512 – AAA</td>
<td>3 lbs</td>
</tr>
<tr>
<td>2RPC3</td>
<td>Float Sondes (2), Plus Extra Battery</td>
<td>3 lbs</td>
</tr>
</tbody>
</table>
**Toilet Augers**

**K-3/K-6 Toilet Augers**
High quality tools in 3’ and 6’ lengths provide fast and safe clearing of toilet obstructions. Features include:
- Vinyl guard to protect porcelain.
- New durable, kink-resistant, 1⁄8” compression-wrapped Inner Core Cable.
- Large, ergonomically designed handles.
- Negate water-conserving toilets.
- Available in either drop head or bulb head models.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
<th>Standard Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>4CX10 59819</td>
<td>K-3</td>
<td>7 Tooth Auger w/Bulb Head</td>
<td>4 lbs</td>
<td>6</td>
</tr>
<tr>
<td>4CX11 59820</td>
<td>K-6</td>
<td>7 Tooth Auger w/Bulb Head</td>
<td>6 lbs</td>
<td>6</td>
</tr>
</tbody>
</table>

**Hand Spinners**

**K-26 Hand Spinner**
Ideal for users seeking excellent performance and value. Features include:
- Slip-resistant collet chuck that grips/releases cable with the flick-of-the-wrist.
- 1⁄4” x 25’ hollow core cable with bulb head auger.
- Rotary molded plastic drum that won’t rust or dent – cleans easily.
- Open drum design that permits access to cable and allows application of Cable Rust Inhibitor.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Diameter x Length</th>
<th>Weight</th>
<th>lbs</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>40213 59812</td>
<td>K-26</td>
<td>1⁄4” x 25’</td>
<td>0.635 x 7.6m</td>
<td>6 lbs</td>
<td>2.7</td>
<td>6.2</td>
</tr>
</tbody>
</table>

**Power Spin™**
- Light-duty product for drains to 1½”.
- Comfortable hand grip eases effort.
- 1⁄8” x 25’ hollow core cable
- Power Spin automatically advances and retrieves cable. Power Spin operates by hand or by adding any variable speed drill.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Diameter x Length</th>
<th>Weight</th>
<th>lbs</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>8CX69 59817</td>
<td>Power Spin</td>
<td>1⁄4” x 25’</td>
<td>0.635 x 7.6m</td>
<td>6 lbs</td>
<td>2.7</td>
<td>6.2</td>
</tr>
</tbody>
</table>

**Sink Machines**

**K-39 Sink Machines for 1⁄4” to 21⁄2” (19-64 mm) Lines**
- Excellent for small line cleaning. Opens clogged lavatory, sink lines, urinals, and tub/shower drains.
  - 1⁄4” cables best for 1⁄4” to 1½” lines.
  - 1⁄2” cables best for 1¼” to 2½” lines.
- Available in 2 styles: Manual & AUTOFEED.
  - Both have slide action chuck for quick locking/releasing of cable.
  - Advanced two-way AUTOFEED keeps hands and work area clean – advances & retrieves cable with push of a lever.
- Lightweight, easy-to-use, no set-up required.
- Variable speed power unit rotates cable 0-450 RPM’s.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>22841 21188</td>
<td>K-39</td>
<td>Machine w/ 1⁄4”, 1⁄2”, 2” Inner Core Cable w/Inner Drum</td>
<td>11 lbs</td>
</tr>
</tbody>
</table>

**Inner Core Cables**
- Vinyl-wrapped inner core to prevent core from rusting to spring – enhances cable life.
- Compression wound for strength.
- Resists kinking; negotiates tough bends and traps.
- Provides good flexibility and cleaning power to the cable end.

**Cables**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>59837 59839</td>
<td>C-2</td>
<td>10 ft (3 m) w/Drop Head Auger</td>
<td>4 lbs</td>
</tr>
<tr>
<td>59838 59840</td>
<td>C-2</td>
<td>25 ft (7.6m) w/Drop Head Auger</td>
<td>7 lbs</td>
</tr>
<tr>
<td>59839 59841</td>
<td>C-2</td>
<td>50 ft (15.2m) w/Drop Head Auger</td>
<td>15 lbs</td>
</tr>
<tr>
<td>59851 59853</td>
<td>C-6</td>
<td>10 ft (3 m) w/Bulb Auger</td>
<td>4 lbs</td>
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<tr>
<td>59852 59854</td>
<td>C-6</td>
<td>25 ft (7.6m) w/Bulb Auger</td>
<td>7 lbs</td>
</tr>
<tr>
<td>59853 59855</td>
<td>C-6</td>
<td>50 ft (15.2m) w/Bulb Auger</td>
<td>20 lbs</td>
</tr>
</tbody>
</table>

**Drain Cleaning**

**K-39AF Sink Machines for 3” (76mm) Lines**
- Two piece twist lock canister with interchangeable inner drum.
  - Makes cable change-out simple; easy to match the right cable to the job.
  - Inner drum prevents water leaks and greatly reduces cable flip-over inside the drum.
  - Drums won’t rust or dent – ever.
  - Drum Capacity: 50’ of 1⁄4” (11.4m/883mm) or 35’ of 1⁄2” (11m/108mm).
  - Approved by CSA to CSA and UL Standards (115V only).
  - Includes RIDGID drain cleaning gloves and operator’s manual.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>40241 40257</td>
<td>K-39 AF-3</td>
<td>Machine w/ 1⁄4”, 1⁄2”, 2” Inner Core Cable w/Inner Drum</td>
<td>11 lbs</td>
</tr>
<tr>
<td>40271 40287</td>
<td>K-39 AF-5</td>
<td>Machine w/ 1⁄4”, 1⁄2”, 2” Inner Core Cable w/Inner Drum</td>
<td>11 lbs</td>
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</tbody>
</table>

**2RPC1 2ZB61 4Z661**
- Both have slide action chuck for quick locking/releasing of cable.
- Advanced two-way AUTOFEED keeps hands and work area clean – advances & retrieves cable with push of a lever.
- Lightweight, easy-to-use, no set-up required.
- Variable speed power unit rotates cable 0-450 RPM’s.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2ZB61 4Z661</td>
<td>2RPC1</td>
<td>Cables</td>
<td>2 RPC</td>
</tr>
</tbody>
</table>

**K-268F quickly open clogged tub lines.**
- Advancing and retrieving cable without reversing rotor.

- The 1⁄2” cable in the K-268F-7 extends machine’s capacity to 2 ½” drain lines.

- Inner Core Cables
  - Cables best for 1¼” to 2½” lines.
  - Cables best for ¾” to 1½” lines.

- Inner core Cables
  - Cables best for ¾” to 1½” lines.
Sink Machines

K-40 Sink Machine
For ¼" to 2½" (19-64 mm) Drain Lines

The K-40 Sink Machine is ideal for cleaning small secondary drain lines from ¼" to 2½". The K-40 sits flat on the floor or countertop and also tips onto its back for easy access to sink drain and bathtubs full of water. The K-40A practically eliminates job site clean-up thanks to the patented Guide Hose two-way AUTOFEED accessory. It completely contains the rotating cable and eliminates any waste water splashing or spraying.

- HP, 115 V, induction motor quietly delivers enough torque to clear even the toughest blockages.
- Premium-quality, compression wound inner core cable combines strength and flexibility to resist kinking.
- Two-piece “twist lock” drum housing will not dent or corrode and allows easy access to the inner drum and cable.
- Special inner drum design virtually eliminates cable flip over inside the drum and drum leakage.
- Two-way AUTOFEED advances and retrieves the drain cleaning cable with a simple push of a lever keeping you and the work area clean.
- Approved by CSA to CSA and UL Standards (115V only).
- Includes RIDGID drain cleaning gloves and operator’s manual.

Machine Options

<table>
<thead>
<tr>
<th>Machine Options</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>SLE20</td>
<td>Machine with: AUTOFEED</td>
</tr>
</tbody>
</table>

Weight

<table>
<thead>
<tr>
<th>lk</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>75</td>
</tr>
</tbody>
</table>

Drum Machines

K-400 Drum Machine
For 1½" to 4" (32-100 mm) Drain Lines

The K-400 offers several unique, user-friendly features to make the toughest drain cleaning jobs easier and hassle-free. Designed with a sleek profile, the K-400 is a great fit for drain cleaners, service plumbers, facility and institutional maintenance departments and property management companies.

- Integrated Transport Cart – allows for easy movement to and from the job site. Heavy-duty, large wheels easily navigate over bumps and up stairs.
- Integrated Telescoping Handle – provides high-handle height during transport. Handle locks in low position during drain cleaning operation or during transport to minimize space requirements.
- Cable Control System – causes the drum to stop spinning when the blade becomes lodged in a blockage. Limits potential for cable to flip over in the drum and helps to indicate to operator when blockages are encountered.
- “Solid Core” Cable – uses tough ⅛" or ⅛” Integral Wound (IW) solid core cable that is rugged and kink resistant. Each size comes in several lengths and utilizes a variety of the RIDGID quick connect cutters.
- AUTOFEED® – offered as an accessory, this patented, automatic cable feed powers cable in and out of the drum. Reverse the direction of the AUTOFEED and the cable feeds back into the drum.

Specifications

- Drum Capacity 100' of ⅛" Diameter Cable or 75' of ⅛" Diameter Cable.
- Motor 2.0HP, 115V/60 Hz, Reversible, Split Phase, ⅛ HP @ 1725 RPM, 8.7 Amps.
- Weight (Machine Only) 45 lbs. (20.4) kg.
- Dimensions Length 21" Width 23”, Width 17”

Weight

<table>
<thead>
<tr>
<th>lk</th>
<th>kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>20.4</td>
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</table>

Tools Fit ⅛", ⅝" and ⅜" IW and ⅛" IW Cables
C-31, C-32, C-33, C-31M, C-32W, C-33W, IW4-46W and C-46W

IW (Integral Wound) Solid Core Cables

<table>
<thead>
<tr>
<th>Tool No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>400A</td>
<td>⅛&quot; IW Cable w/35' of Cable</td>
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</table>

Tools Fit ⅛" Cables
C-48, C-45 and C-46

Accessories

<table>
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<tr>
<th>Tool No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>400A</td>
<td>⅛&quot; IW Cable w/35' of Cable</td>
</tr>
</tbody>
</table>
K-3800 Drum Machine
For 3/4" to 4" (19-100 mm) Drain Lines

- A powerful, easy to transport, versatile machine for cleaning indoor drains. Requires minimal set-up to clean sink lines, floor drains and roof vents.
- Rugged, corrosion-resistant molded cable drum won't dent or rust. The drum tilt adjusts for proper cable feed angle. Inner-drum guards against cable flip-over inside the drum.
- Cable drum's quick-release and built-in hand-holds allow easy cable change and transport.
- Standard drum capacity is 100' of 3/8" or 90' of 1/2" (30m/10mm or 27m/12mm) continuous length cable:
  - 3/8" cable best for 1 1/2" to 3" lines up to 100'.
  - 1/2" cable best for 2" to 4" lines up to 90'.
- Powerful 1/2 HP, 115 V, Universal Motor spins cable at 240 RPM. When cable hits blockage, motor gears down automatically to deliver more power and enhance operator control.
- Tools connect to cable in seconds.
- Approved by CSA to CSA and UL Standards (115V only).
- IW (Integral Wound) cables available. IW cables are slightly stiffer and more kink resistant. All IW cables use 3/8" T-200 series cutters.
- Includes RIDGID PVC drain cleaning gloves and operator's manual.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>4CX0009-33111</td>
<td>71 lb.</td>
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</table>

<table>
<thead>
<tr>
<th>Tools Fit in IC, IW and IW Cables</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog No.</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>4CX041</td>
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<tr>
<td>4CX041</td>
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</table>

<table>
<thead>
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<th>Accessories</th>
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<tbody>
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<td>Catalog No.</td>
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<td>-------------</td>
</tr>
<tr>
<td>1VXB7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inner Core (IC) Cables – Good flexibility and more cleaning power to the cable end</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog No.</td>
</tr>
<tr>
<td>-------------</td>
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<tr>
<td>1VXC4</td>
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<tr>
<td>1VXC6</td>
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<tr>
<td>1VXC8</td>
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<tr>
<td>1VXD1</td>
</tr>
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<td>1VXD3</td>
</tr>
<tr>
<td>1VXD5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Integral Wound (IW) Cables – Wound tighter on the inner core creating a solid assembly</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog No.</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>1VXH3</td>
</tr>
<tr>
<td>1VXH4</td>
</tr>
<tr>
<td>1VXH5</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Tools Fit in IW Cables</th>
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</thead>
<tbody>
<tr>
<td>Catalog No.</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>4CW97</td>
</tr>
</tbody>
</table>
K-6200 Drum Machine
For 3” to 6” (75-150mm) Drain/Sewer Lines
Superior maneuverability and a small footprint allow easy access to tight work areas. The K-6200 comes equipped with either IC (Inner Core) cable or IW (Integral Wound) cable.

Recommend 5/8” cable for 3” to 6” drain lines up to 200’.

- Patented Cable Control System – Causes the drum to slow down when the blade becomes lodged in a blockage. Limits potential for cable flip-over inside the drum.
- Direct Drive Design – 4.10HP universal motor and gearbox bear down as torque builds. Motor sound lets the operator know when blockage is encountered. Drum requires no adjustments to stay aligned and tight on drive shaft.
- Easy Maintenance Construction – Separate drum and machine in seconds. Inner drum and guide tube remove easily to maintain or replace cable.
- Designed Durable and Stable – Low center of gravity frame design and custom kickstand keep machine firmly anchored during operation. Rugged, corrosion-resistant polyethylene drum is rust and dent proof. Double tubular frame is lightweight and designed for extra strength.
- AUTOFEED and Standard Accessories – Powerful feed mechanism is built to last and is easily maintained. AUTOFEED, toolbox and selection of cutters included in all models.
- Approved by CSA to CSA and UL Standards (115V only).
- Includes RIDGID PVC drain cleaning gloves and operator’s manual.

Specifications

<table>
<thead>
<tr>
<th>Line Capacity</th>
<th>Drum Capacity</th>
<th>100’ of 5/8” Cable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3” - 6” Lines, Up to 200 feet.</td>
<td>100’ of 5/8” Cable.</td>
<td></td>
</tr>
</tbody>
</table>

Motor:
Type: 115V/60 Hz, Reversible, Universal AC Motor.
Rating: 4.10 HP, 285 RPM.

Amps: 5.6.

Weight (Machine & 100’ of Cable) ... 180 lbs.
Length: 29”.
Height: 43” [Max].
Width: 184”.

Cables and Flexible Leaders
- Inner Core (IC) cables provide good flexibility and more cleaning power to the cable end.
- Integral Wound (IW) cables are wound tighter on the inner core creating a solid assembly.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1VUZ2</td>
<td>C-24</td>
<td>25' IC Cable (7.6m)</td>
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<td>1VUZ4</td>
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<td>50' IC Cable (15.2m)</td>
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<td>75' IC Cable (22.9m)</td>
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<tr>
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Tools and Replacement Blades – Fits 5/8” IC and IW Cables

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<td>92470</td>
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<td>92510</td>
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<td>90° Bank Auger</td>
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<td>92535</td>
<td>T-432</td>
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<tr>
<td>92540</td>
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<td>3-Blade Cutter, 3&quot;</td>
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<table>
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<td>H-D Bulb Auger</td>
</tr>
<tr>
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<td>Double Cutter, 2&quot;</td>
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<tr>
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<td>T-413</td>
<td>Double Cutter, 3&quot;</td>
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<td>H-D Bulb Auger</td>
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**K-750 Drum Machine**

For 3” to 8” (75-200mm) Drain/Sewer Lines

- Powerful, self-contained machine ideal for lateral lines. Easy to transport, minimal set-up – attach a tool and go.
- AUTOFEED advances, retrieves cable with a push of a lever, up to 20’ per minute.
- Versatile AUTOFEED adjusts for either 5⁄8” or 3⁄4” cable with a twist of a screwdriver.
  - Recommend 5⁄8” cable for 3” to 6” drain lines up to 150’ (75-150mm, 48m).
  - Recommend 3⁄4” cable for 4” to 8” drain lines up to 200’ (100-250mm, 62m).
- Cable spins at 200 RPM.
- Tough, corrosion-resistant cable drum withstands harsh treatment and abuse. It will not dent or corrode and cleans easily.
- Drum holds 100 feet of 3⁄4” (30m, 19mm) or 125 feet of 5⁄8” (35m, 16mm) cable and is designed for quick, easy removal.
- Well-balanced design gives machine a lightweight “feel.” Transport wheels ease loading into service truck/van.
- Equipped with 1⁄2 HP induction motor.
- Approved by CSA to CSA and UL Standards (115V only).
- Includes RIDGID PVC drain cleaning gloves and operator’s manual.

**Standard 3⁄4” Tool Set Includes:**
- T-406 Spear Blade Cutter.
- T-407 Retrieving Auger.
- T-411 2” Cutter.

**Inner Core (IC) Cables**

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**Hollow Core Cables**

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<td></td>
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<td>3⁄4” x 2’ Leader</td>
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**Leaders**

<table>
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<td>T-406 Spear Blade</td>
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<tr>
<td></td>
<td></td>
<td>T-407 Retrieving Auger</td>
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</tr>
<tr>
<td></td>
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<td>T-408 Sawtooth Cutter</td>
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<td>T-409 H-D Bulb Auger</td>
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<td></td>
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<td></td>
<td></td>
<td>T-412 Double Cutter, 4”</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>T-413 3” x 2’ Leader</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>T-414 4” x 2’ Leader</td>
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**Tools and Replacement Blades – Fit 5⁄8” and 3⁄4” Cables**

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<th>Model No.</th>
<th>Description</th>
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<td>T-403 P-Trap Cutter, 3”</td>
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<tr>
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<td>T-406 Spear Blade</td>
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<tr>
<td></td>
<td></td>
<td>T-407 Retrieving Auger</td>
<td>64</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T-408 Sawtooth Cutter</td>
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<td></td>
<td></td>
<td>T-409 H-D Bulb Auger</td>
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<td></td>
<td></td>
<td>T-410 Double Cutter, 2”</td>
<td>64</td>
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<tr>
<td></td>
<td></td>
<td>T-411 Double Cutter, 3”</td>
<td>64</td>
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<td>T-412 Double Cutter, 4”</td>
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<tr>
<td></td>
<td></td>
<td>T-413 3” x 2’ Leader</td>
<td>64</td>
</tr>
<tr>
<td></td>
<td></td>
<td>T-414 4” x 2’ Leader</td>
<td>64</td>
</tr>
</tbody>
</table>
K-7500 Drum Machine
For 3" to 10" (75-250mm) Lines

- The performance, cable control, durability, and maneuverability demanded by professional users. Ideal for any tough job, such as roots – up to 250’.
- Recommend 5/8" cable for 3" to 6" drain lines up to 250’ (75-150mm, 75m).
- Recommend 3/4" cable for 4" to 10” drain lines up to 250’ (100-250mm, 75m).
- Cable spins at 200 RPM.
- Powerful, yet quiet, 4 10/10 HP universal motor and gearbox bear down as cutter engages tough obstructions.
- Provides audible and visual signals to operator.
- Inner-drum and ball bearing distributor arm work with motor/gearbox system to reduce chance of cable flip-over inside the drum.
- Main and inner drums won’t rust, split or dent – ever, and clean easily for professional appearance. Main drum holds up to 100’ of 3/4" cable.
- Powerful AUTOFEED mechanism has grease fittings and an open design for easy maintenance; advances and retrieves cable up to 22” per minute.
- Patented two position stair climber eases transport and loading – eliminates extra cost for loading wheels.
- Narrow profile allows machine to fit through bathroom doors.
- Handles adjust to desired height to ensure balanced transport.
- Approved by CSA to CSA and UL Standards (115V only).
- Includes RIDGID PVC drain cleaning gloves and operator’s manual.

Standard Accessories
T-406 Spear Blade.
T-407 Retrieving Auger.
T-411 2” Double Cutter.
T-413 3” Double Cutter.
T-414B 4” Double Cutter - (Blade only).
T-416B 6” Double Cutter - (Blade only).
T-408 Sawtooth Cutter.
T-403 3” P-Trap Cutter.
T-468 n° Flexible Leader.
Tool Box, Hex Key, RIDGID Drain Cleaning Gloves.

For 5/8” machine packages (Catalog Nos. 61102 and 61112), the T-468 Leader is replaced with the T-458 Leader and the 6” Double Cutter Blade is eliminated.

Model K-7500
Catalog No. 61102 61112
Model No. K-7500 C-100
Description Machine, Standard Accessories, and 3/4” x 100’ Inner Core Cable.
Weight 244 lb. 110.9 kg

Tools and Replacement Blades – Fits 5/8” IC and IW Cables

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
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<tbody>
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Leaders

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</table>

For 5/8” machine packages (Catalog Nos. 61102 and 61112), the 1-406 Leader is replaced with the 1-405 Leader and the 6” Double Cutter Blade is eliminated.
Sectional Machines

K-50 Sectional Machine
For 3/4" to 4" (19-100 mm) Drain Lines

- Compact, versatile, professional’s machine. Capable of running three different size cables:
  - 3/4", 1/2", and 1/4". The perfect, all-around sink, shower and floor drain machine. Weighs less than 40 lbs.
- Unique, easy-to-use, instant-acting cable clutch maximizes operator control:
  - Pull handle down and cable spins at 400 RPM.
  - Release handle, cable stops instantly.
- Uses sections of 1/4" cable, cleans 1/4" to 4" lines up to 100 feet.
  - C-9 best for 1/4" or 3/8" diameters.
  - C-9 best for 1/4" to 2" diameters.
- Equipped with an A-17 adapter: runs up to 50 feet of 1/4" (15m/8mm) or 36 feet of 1/8" (11m/10mm) continuous length cable.
  - C-6 best for 1/8" to 1/16" lines.
  - C-6 best for 1/16" to 2" diameters.

K-50-8 shown below includes:
- K-50 Machine.
- A-17-A, Adapter includes:
  - 25' x 3/8", C-1 Bulb Auger Cable.
- A-17-B, Adapter includes:
  - 35' x 1/4", C-5 Bulb Auger Cable.
- A-1 RIDGID Drain Cleaning Mitt.

Tools & Accessories

Cables

<table>
<thead>
<tr>
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Cable Kits

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Adapters

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Tools – Fits 1/4", 1/2" and 1/8" Cables

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Accessories

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<td>1VU02</td>
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<td>1VU03</td>
<td>50007</td>
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<td>1VU04</td>
<td>50008</td>
<td>A-2</td>
<td>0.2</td>
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<tr>
<td>1VU05</td>
<td>50009</td>
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<td>1VU06</td>
<td>50010</td>
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</tbody>
</table>

K-50 X-Set 1/2" 100' 1/2" Cable

K-50 Jet Set 1/2" 100' 1/2" Cable
### Sectional Machines

**K-60 Sectional Machine**

For 1¼” to 4” (32-100 mm) Drain Lines

- A compact machine for institutional, commercial or residential cleaning. Also ideal for septic tank vacuum truck operators. Small enough to fit into cramped spaces, yet powerful enough to clear tough blockages.

- Ideal for rooftop vent stacks. Rear handle allows for easy transporting up ladders and onto rooftops.

- Unique, easy-to-use, instant-acting cable clutch maximizes operator control.
  - Push handle down, cable spins at 600 RPM
  - Release handle, cable stops instantly.

- Simple adjustment knob allows unit to spin both 1¼” (22 mm) and 1½” (16mm) diameter cable. Adjusts in seconds:
  - 1¼” cable (C-7) cleans 2” to 4” lines through 150 feet.
  - 1½” cable (C-8, C-9) cleans 1¼” to 4” lines through 125 feet.

- Remove only two bolts to access jaw set for cleaning or replacement. Removal of same bolts provides access to belt drive.

- Equipped with ⅛ HP motor.

- Includes A-1 RIDGID drain cleaning mitt and operator’s manual.

- Approved by CSA to CSA and UL Standards (115V only).

---

**K-1500 Sectional Machine**

For 2” to 8” (50-200 mm) Drain and Sewer Lines

- The finest all-around sewer and drain cleaning machine. One man can easily clean the heaviest blockages – indoors or out. High-speed cleaning gets the job done faster...better.

- Unique, easy-to-use, instant-acting cable clutch maximizes operator control.
  - Pull handle down, cable spins at constant 710 RPM
  - Release handle, cable stops instantly.

- Wheels to the job site – sets up fast, cleans up fast.

- Low-profile “B” frame design will fit most crawl spaces, loads and unloads from truck easily. Upright “A” frame features cable carrier storage during transport, ideal for in-house applications.

- Equipped to run, easy to handle, 15-foot sections of 1¼” cable to clean 3” to 8” (32m-200mm) lines to 200 feet (61m).

- Easy clutch jaw change-out adapts K-1500 to run 15-foot sections of ⅛” (4.8/22mm) cable through 2” to 4” lines up to 175 feet (50-100mm, 53m).

- Equipped with ¼ HP motor, 115V Models.

- Includes RIDGID drain cleaning mitt and operator’s manual.

- Approved by CSA to CSA and UL Standards (115V only).

---

### Cables

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>33210</td>
<td>83027X</td>
<td>K-60-SP-SE</td>
<td>92 lb.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>K-1500B</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>K-1500A</td>
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</tr>
</tbody>
</table>

- **A-1 RIDGID Drain Cleaning Mitt, A-12 Pin Key, and A-60-12 Rear Guide Hose.**

- **A-62 Cable Kit, includes:**
  - A-8 Cable Carrier
  - Five Sections of C-10, ⅛” Cable, Total 75 Feet.

- **A-61 Tool Kit, includes:**
  - A-12 Pin Key and A-34-12 Rear Guide Hose, Plus:
    - K-1500 B Machine with A-1 RIDGID Drain Cleaning Mitt, A-12 Pin Key, and A-34-12 Rear Guide Hose. Plus:
      - Seven Sections 1¼” (C-11) Cable, Total 105 Feet
      - Nine-Piece Tool Set

- **Approved by CSA to CSA and UL Standards (115V only).**

---

### K-1500 B W/C-11 shown above includes:


- Seven Sections of 1¼” (C-11) Cable, Total 105 Feet.

- Two A-B Cable Carriers.

- Nine-Piece Tool Set includes:
  - T-1 Straight Auger
  - T-3 Tunnel Auger
  - T-6 Retrieving Auger
  - A-2016 Hex Key
  - A-3 Tool Box
  - T-13 Sawtooth Cutter

- **Approved by CSA to CSA and UL Standards (115V only).**
K-1500 Sectional Machine
For 2" to 8" (50-200 mm) Drain and Sewer Lines

Instant-Acting Clutch

- Engage clutch, cable spins.
- Release handle, cable stops instantly.

Cables, Leaders and Cable Kits

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
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<tr>
<td>Grainger</td>
<td>RIDGID</td>
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<table>
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<th>Model No.</th>
<th>Description</th>
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</table>

In addition, K-1500 is trim 5/8” cable requires A-368X jawset and 5/8” cable kit.

Accessories

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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</table>


Tools - For 1/4”, Sectional (C-11, C-12, C-14 and C-15)

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
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</table>

Water Jetters

KJ-1750 for 1-1/4" to 4" (32-100mm) Drain Lines

- Powerful: Actual working pressure of 1750 psi and flow of 1.4 GPM for fast, effective cleaning of lines.
- Pulse Action: Two levels of pulse are standard. Activate the KJ-1750's pulse action to easily negotiate difficult bends and traps.
- Portable: The optional H-30 Cart rolls the jetter and hose to the job site. The jetter is easily removed from the cart in seconds for hard to reach drain or for remote storage. Optional adapter allows the KJ-1750 to be mounted on the compact H-10 Cart.
- Electrical Requirement: The 2.0 HP motor draws a maximum of 17 Amps which requires a 20 Amp, 115 Volt circuit.

Jetter Nozzles and Hoses

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<tr>
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</tbody>
</table>

155 lb. (69.9 kg)
**KJ-2200 Water Jetter**

Jets 1¼" to 6" (32-150mm) Drain Lines

This jetter propels a highly flexible hose through 1¼" to 6" lines – blasting through sludge, soap and grease blockages. As you pull the hose back, it power scrubs the line flushing debris away, restoring drain lines to their full, free-flowing capacity.

- **Powerful:** Actual working pressure of 2200 psi and flow of 24 GPM for fast, effective cleaning of lines.
- **Easy to Use:** Thrust propels the hose down the line. You simply guide the hose into the drain.
- **Pulse Action:** Activate the KJ-2200’s pulse action to easily negotiate difficult bends and traps.
- **Portable:** The optional H-30 cart rolls the jetter and hose to the job site. The jetter is easily removed from the cart in seconds for hard to reach drains, indoor applications or remote storage.
- **Convenient:** Standard equipment includes FV-1 foot valve. It makes remote or indoor operation simple and safe. You control the jetting action at the drain while leaving the jetter outdoors.
- **Quality & Dependability:** Triplex pump with corrosion-resistant, forged brass head. Reduced number of fittings, hoses and parts minimizes leaks and downtime – keeping you on the job.
- **Versatile:** Optional power washer package cleans cables, tools and other heavily soiled equipment.
- **New and improved 6.5 HP Recoil start gasoline engine starts easily. Features:** ON/OFF switch, choke and throttle controls; easy access oil fill and dip stick.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6W2A</td>
<td>KJ-2200</td>
<td>1-¼&quot;-2&quot; Jetter w/ Pumps</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– H-61 1¼&quot; NPT Nozzle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– H-62 1½&quot; NPT Nozzle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– H-64 2&quot; NPT Nozzle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– 25’ x ½” Trap Hose</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– FV-1 Foot Valve</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Nozzle Cleaning Tool</td>
</tr>
</tbody>
</table>
|             |           | – H-10 

**KJ-3000 Water Jetter**

Jets 2" to 8" (50-200mm) Drain Lines

The RIDGID KJ-3000 portable water jetter gives you 3000 psi actual working pressure to handle large commercial and industrial applications. This jetter propels a highly flexible and lightweight hose through 2" to 8" lines – blasting through sludge, soap, grease, and sediment blockages. As you pull the hose back, it power scrubs the line flushing debris away and restoring drain lines to their full, free-flowing capacity – all without the use of harmful chemicals.

- **Powerful:** Actual working pressure of 3000 psi and flow of 4 GPM for fast, effective cleaning of lines.
- **Lightweight Hose:** Hose with nylon braid provides significant weight reduction and increased flexibility – all without reducing strength. Allows the thrust to propel the hose further down the line.
- **Complete:** With the KJ-3000’s removable hose reel, there is no need to purchase expensive portable hose reels. Standard packages come equipped to handle indoor and remote applications.
- **Convenient:** Completely remove the hose reel to ease loading onto service trucks. Simply rotate the hose reel forward to gain full access to the engine’s gas tank and air filter.
- **Maneuverable:** In the heavy-duty 3000 psi jetter category, the RIDGID KJ-3000 is one of the most maneuverable jetters on the market. The unit, on its unique two-wheeled cart, easily fits through standard size doors and can negotiate tight turns with the greatest of ease.
- **Pulse Action:** Activate the KJ-3000’s pulse action to easily negotiate difficult bends and traps.
- **Quality & Dependability:** Triplex pump with corrosion-resistant, forged brass head. Gear reducer allows pump to run at slower (optimal) speed. Reduced number of fittings, hoses and parts minimizes leaks and downtime – keeping you on the job.
- **Versatile:** Power wash package and chemical injector system cleans cables, tools, and other heavily soiled equipment.
- **13 HP Recoil start gasoline engine starts easily. Features:** ON/OFF switch, choke and throttle controls; easy access oil fill and dip stick.

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6W2A</td>
<td>KJ-3000</td>
<td>1-¼&quot;-2&quot; Jetter w/ Pumps</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– H-61 1¼&quot; NPT Nozzle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– H-62 1½&quot; NPT Nozzle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– H-64 2&quot; NPT Nozzle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– 25’ x ½” Trap Hose</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– FV-1 Foot Valve</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Nozzle Cleaning Tool</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– 50’ x ¼” Trap Hose</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– RR3000 Root Cutting Nozzle</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– H-38 Hose Reel with 200’ x ¾” Jet Hose</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– H-39 Hose Reel with 200’ x ¾” Jet Hose</td>
</tr>
<tr>
<td></td>
<td></td>
<td>– Pressure Wash Package</td>
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<td>– FV-1 Foot Valve</td>
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<tr>
<td></td>
<td></td>
<td>– Nozzle Cleaning Tool</td>
</tr>
</tbody>
</table>

**Models**

- Model KJ-2200-C
- Model KJ-3000
### Drain Cleaning

<table>
<thead>
<tr>
<th>Tool Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drop Head Auger</td>
<td>For cleaning back to back mounted fixtures, e.g., sinks where cable needs to be led into down pipe.</td>
</tr>
<tr>
<td>Straight Auger</td>
<td>For use in exploring and breaking up stoppages or returning sample to surface to determine contact tool.</td>
</tr>
<tr>
<td>Fanal Auger</td>
<td>For use as second tool in line. Breaks up remains of stoppage left by straight auger.</td>
</tr>
<tr>
<td>Hook Auger</td>
<td>For heavy and dense root stoppages in pipes that require hooking and breaking up.</td>
</tr>
<tr>
<td>Retrieving Auger</td>
<td>For searching for cable which is broken or lost in main.</td>
</tr>
<tr>
<td>Spade Cutter</td>
<td>For following up after augers have been used and to open up floor drains.</td>
</tr>
<tr>
<td>Four Blade Saw Tooth Cutter</td>
<td>For blockages caused by hardened, gland material such as chemical deposits.</td>
</tr>
<tr>
<td>Grease Cutter</td>
<td>For lines which have become badly greased with detergents and have to be opened.</td>
</tr>
<tr>
<td>Spiral Saw Tooth Cutter</td>
<td>For clearing any stoppage, roots, rags, sticks, etc.</td>
</tr>
<tr>
<td>Saw Tooth Cutter</td>
<td>For cleaning heavily blockaded pipes. Unique design permits cutter to be removed from damaged pipe without locking.</td>
</tr>
<tr>
<td>Spiral Bar Cutter</td>
<td>For main sewers blocked by roots, leaf debris, sticks, sawdust, cloth, and backing.</td>
</tr>
<tr>
<td>Grease &quot;C&quot; Cutter</td>
<td>For grease blockage in lines leading from garbage disposal unit or waste pipe.</td>
</tr>
<tr>
<td>Expanding Finish Cutters</td>
<td>For final removal of material adhering to walls and certain roots of fibrous nature.</td>
</tr>
<tr>
<td>Chain Knocker</td>
<td>For use when vigorous action is required for cleaning of scales in pipes and boiler tubes.</td>
</tr>
<tr>
<td>Flow Brush</td>
<td>For use for finish cleaning required of boiler tubes and heat exchangers.</td>
</tr>
</tbody>
</table>

**Always start with a straight auger to try and determine what you are trying to clean. Then choose the correct cutter to clear the drain.**