

DRAIN CLEANING

KJ-1590 II Electric Water Jetter



For 1¼" (32 mm) to 6" (150 mm) Drain Lines

RIDGID® Water Jetting Machines are constructed for cleaning a drain. The highly flexible, lightweight hose blasts through sludge, soap and grease blockages. As you pull the hose back, it power washes the line, flushing debris away and restoring drain lines to their full, free-flowing capacity.

Powerful: Actual working pressure of 1160 PSI (80 bar) and flow of 4 GPM (15l) 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 Model KJ-1590's pulse action to easily negotiate difficult bends and traps.

Portable: The cart with heavy duty wheels rolls the jetter to the job site with the greatest ease.

Versatile: Optional Pressure Wash Package cleans cables, tools and other heavily soiled equipment.

- Powerful 2,2 kW motor with overload protection.
- 3-Plunger pump with pulse action.
- Convenient cable storage.
- Dual-type inlet connector with male garden hose coupling.
- Inlet filter, non-return valve and inlet valve.
- Heavy duty steel reel with 20 m of ¼" hose (¼" connection).

| Catalog No. | Model No. | Capacity mm | Description | Weight | |
|-------------|------------|-------------|---|--------|----|
| | | | | lb. | kg |
| 35511 | KJ-1590 II | 50 - 150 | 230 V Motor Standard kit KJ-1590: – 58436 Propulsion Nozzle ¼" – 58446 Penetrating Nozzle ¼" – 20 m x ¼" hose | 115 | 52 |

Accessories

| Catalog No. | Model No. | Description | Weight | |
|-------------|-----------|--|--------|-----|
| | | | lb. | kg. |
| 87696 | — | Pressure wash package | 5.7 | 2,6 |
| 87706 | — | Pressure wash package with soap suction | 6.2 | 2,8 |
| 62887 | — | Pressure Wash Package (incl. Hose) | — | — |
| 64702 | — | Pressure Wash (Gun only) | — | — |
| 48157 | — | Foot Valve | — | — |
| 87716 | — | Extension hose 1/8", 15 m* | 3.5 | 1,6 |
| 87726 | — | Extension hose 1/8", 25 m* | 5.7 | 2,6 |
| 87736 | — | Extension hose 1/4", 15 m* | 3.3 | 1,5 |
| 87746 | — | 1/4" hose 20 m | 7.1 | 3,2 |
| 87756 | — | 1/4" hose 45 m | 15.4 | 7,0 |
| 48367 | — | Winter Kit | — | — |
| 66732 | — | Quick Connect Hose (Reel to Foot Valve) | — | — |
| 58436 | — | Propulsion nozzle 1/4" NPT fits 1/4" hose | — | — |
| 58446 | — | Penetrating nozzle 1/4" NPT fits 1/4" hose | — | — |
| 58416 | — | Spinning nozzle 1/4" NPT fits 1/4" hose | — | — |
| 58426 | — | Heavy duty nozzle 1/4" NPT fits 1/4" hose | — | — |
| 47542 | — | Nozzle cleaning tool | — | — |
| 64802 | — | Propulsion nozzle 1/8" NPT fits 1/8" hose | — | — |
| 64807 | — | Penetrating nozzle 1/8" NPT fits 1/8" hose | — | — |
| 64812 | — | Drop head nozzle 1/8" NPT fits 1/8" hose | — | — |

* These hoses are connected to the end of the hose standard supplied with the KJ-1590 II. Which hose to use: For 30 - 75 mm use 1/8" hose. For 50 - 150 mm use 1/4" hose.

Jetter Nozzles

Propulsion Nozzle

General-purpose nozzle that works well in most applications. Features three reverse thrusters for maximum propulsion to jet long distances.



Penetrating Nozzle

Penetrating nozzle features an additional forward pointing jet that blasts a hole in solid ice or sludge blockages. Three reverse jets provide propulsion.



Drop Head Nozzle

Allows jetter hose to negotiate difficult bends and traps. Three reverse thrusters provide propulsion.



Spinning Nozzle

Spinning action cleans the entire interior of pipe surface. Three reverse jets provide propulsion.



DRAIN CLEANING

KJ-2200 Water Jetter



Model KJ-2200-C



Model KJ-2200

For 1¼" (32 mm) to 6" (150 mm) Drain Lines

This jetter propels a highly flexible hose through 1¼" (32 mm) to 6" (150 mm) 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 (150 bar) and flow of 2.4 GPM (9 l/min) 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 Model KJ-2200's pulse action to easily negotiate difficult bends and traps.
- **Portable:** The optional Model 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 down time – 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.

Machine Options

| Catalog No. | Model No. | Description | Weight | |
|-------------|-----------|--|--------|------|
| | | | lb. | kg |
| 63877 | KJ-2200 | KJ-2200 Jetter with Pulse – H-61, H-62, and H-64 ½" NPT Nozzles – H-71 and H-72 ¼" NPT Nozzles – 75' x ¾" Trap Hose – FV-1 Foot Valve – Nozzle Cleaning Tool – H-1235 Wash Wand Hose ½" x 35' (10,7 m) | 65 | 29,5 |
| 63882 | KJ-2200-C | Above With: – H-30 Cart – 110' (33 m) x ¼" Jet Hose | 145 | 65,8 |

Jetter Nozzles and Hoses

| Catalog No. | Model No. | Description | Hose I.D. | Hose O.D. |
|-------------|-----------|------------------------|---------------|-----------|
| 64772 | H-61 | Propulsion Nozzle | 1/8" NPT Fits | |
| 64777 | H-62 | Penetrating Nozzle | 3/16" Hose | |
| 64782 | H-64 | Drop Head Nozzle | | |
| 82842 | H-65 | Spinning Nozzle | | |
| 64787 | H-71 | Propulsion Nozzle | 1/4" NPT Fits | |
| 64792 | H-72 | Penetrating Nozzle | 1/4" Hose | |
| 82852 | H-75 | Spinning Nozzle | | |
| 47597 | H-1435 | 3/16" x 35' (11 m) | 3/16" Trap | 1/4" |
| 47602 | H-1450 | 3/16" x 50' (15 m) | Hose | 1/4" |
| 49272 | H-1475 | 3/16" x 75' (23 m) | Orange | 1/4" |
| 49277 | H-1400 | 3/16" x 100' (30 m) | | 1/4" |
| 50002 | HL-1 | Flexible Leader, 3/16" | 1/8" | 3/16" |
| 50007 | HL-2 | Flexible Leader, 1/4" | 1/8" | 3/16" |
| 47607 | H-1250 | 1/4" x 50' (15 m) | 1/4" Jet | 1/2" |
| 47612 | H-1275 | 1/4" x 70' (23 m) | Hose Black | 1/2" |
| 51587 | H-1211 | 1/4" x 100' (33 m) | | 1/2" |
| 49487 | H-1215 | 1/4" x 150' (46 m) | | 1/2" |
| 51597 | H-1220 | 1/4" x 200' (61 m) | | 1/2" |

Jetter Accessories

| Catalog No. | Model No. | Description |
|-------------|-----------|--|
| 62882 | H-5 | Mini Hose Reel (No Hose included) |
| 64737 | H-30 | H-30 Cart with Hose Reel |
| 62877 | H-30 WH | H-30 Cart with Hose Reel and 110' (33 m) x 1/4" Jet Hose |
| 64077 | HP-22 | Pressure Wash Package, KJ-2200 |
| 64767 | HW-22 | Wash Wand, KJ-2200 |
| 48157 | FV-1 | Foot Valve |
| 66732 | HF-4 | Quick Connect Hose |
| 48367 | H-25 | Winterizing Kit |
| 47542 | H-21 | Nozzle Cleaning Tool |
| 67187 | H-32 | Jet Vac |
| 70032 | - | RIDGID PVC Drain Cleaning Gloves |
| 41937 | - | RIDGID Leather Drain Cleaning Gloves |

Foot Pedal

The foot pedal's ON/OFF control gives you total control of the jetting action at the drain opening. It frees both hands to guide the jetting hose into the drain opening and around bends and traps.

Jet Vac

For use with all RIDGID® water jetters:

The Jet Vac attaches to any portable water jetter to quickly move (vacuum) liquid and debris from flooded basements, sumps, swimming pools, construction sites, car wash pits, etc. This cost and time saving product will move up to 60 gallons / 227l of liquid per minute.

Jetter Nozzles

Model H-61 and H-71 Propulsion Nozzles

General-purpose nozzle that works well in most applications. Features three reverse thrusters for maximum propulsion to jet long distances.



Model H-62 and H-72 Penetrating Nozzles

Penetrating nozzle features an additional forward pointing jet that blasts a hole in solid ice or sludge blockages. Three reverse jets provide propulsion.



Model H-64 Drop Head Nozzle

Allows jetter hose to negotiate difficult bends and traps. Three reverse thrusters provide propulsion.



Model H-65 and H-75 Spinning Nozzles

Spinning action cleans the entire interior of pipe surface. Three reverse jets provide propulsion.



Jet Vac Unit

DRAIN CLEANING

KJ-3100 Water Jetter

NEW



Model KJ-3100 with hose reel removed

For 2" (50 mm) to 10" (250 mm) Drain Lines

The RIDGID® Model KJ-3100 portable water jetter gives you 3000 psi (205 bar) actual working pressure to handle large commercial and industrial applications. This jetter propels a highly flexible and lightweight hose through 2" (50 mm) to 10" (250 mm) 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 (205 bar) and flow of 5.5 GPM (21 l/min) 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 Model KJ-3100'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 (205 bar) jetter category, the RIDGID KJ-3100 is one of the most maneuverable jettters 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 Model KJ-3100'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.
- **Quick Start:** 16 HP Recoil start gasoline engine starts easily. Features: ON/OFF switch; fuel shutoff; choke and throttle controls; easy access oil fill and dip stick.

Machine Options

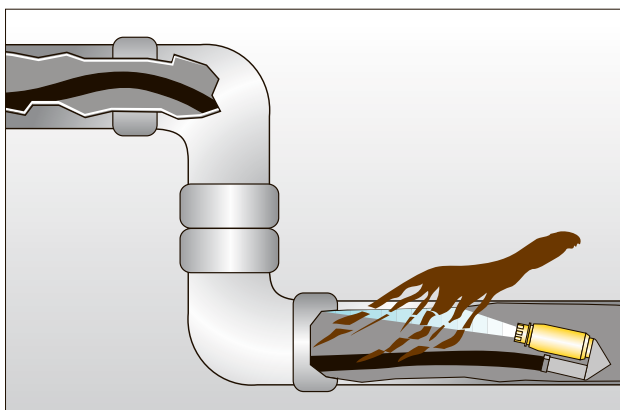
| Catalog No. | Model No. | Description | Weight | |
|-------------|-----------|---|--------------------------------|-------------------------------|
| | | | lb. | kg |
| 37413 | KJ-3100 | KJ-3100 Jetter with Pulse – H-111 and H-112 ¼" NPT Nozzles – H-38 Hose Reel with 200' (61 m) x ¾" ID Jet Hose – 50' (15 m) x ¾" ID Jet/Wash Hose – FV-1 Foot Valve – Nozzle Cleaning Tool – HW-30 Wash Wand – Root Ranger Root Cutting Nozzle – HF-4 Quick Connect Hose | 272 (214 w/o Hose Reel) | 125 (97 w/o Hose Reel) |

Jetter Nozzles and Hoses

| Catalog No. | Model No. | Description | Hose I.D. | Hose O.D. |
|-------------|-----------|------------------------------------|-------------------------------|-----------|
| 38698 | H-101 | Propulsion Nozzle | 1/4" NPT Fits 3/16" I.D. Hose | |
| 38713 | H-102 | Penetrating Nozzle | | |
| 38703 | H-103 | Drop Head Nozzle | | |
| 38723 | H-105 | Spinning Nozzle | | |
| 38693 | H-111 | Propulsion Nozzle | 1/4" NPT Fits 3/16" I.D. Hose | |
| 38708 | H-112 | Penetrating Nozzle | | |
| 38718 | H-115 | Spinning Nozzle | | |
| 16713 | RR-3000 | Root Ranger Root Cutting Nozzle | | |
| 47592 | H-1425 | 3/16" x 25' (7.5 m) | 3/16" Trap Hose Orange | 3/16" |
| 47597 | H-1435 | 3/16" x 35' (10.5 m) | | 3/16" |
| 47602 | H-1450 | 3/16" x 50' (15 m) | | 3/16" |
| 49272 | H-1475 | 3/16" x 75' (22.5 m) | | 3/16" |
| 49277 | H-1400 | 3/16" x 100' (30 m) | | 3/16" |
| 64732 | H-1415 | 3/16" x 150' (45.5 m) | | 3/16" |
| 64827 | H-3835 | 3/8" ID x 35' (10.5 m) Wash Hose | 3/8" Jet Hose Black | 3/8" |
| 64832 | H-3850 | 3/8" ID x 50' (15 m) Jet/Wash Hose | | 3/8" |
| 64837 | H-3810 | 3/8" ID x 100' (30 m) Jet Hose | | 3/8" |
| 64842 | H-3815 | 3/8" ID x 150' (45.5 m) Jet Hose | | 3/8" |
| 64847 | H-3820 | 3/8" ID x 200' (61 m) Jet Hose | | 3/8" |
| 64852 | H-3825 | 3/8" ID x 250' (76 m) Jet Hose | | 3/8" |
| 64857 | H-3830 | 3/8" ID x 300' (91 m) Jet Hose | | 3/8" |

Jetter Accessories

| Catalog No. | Model No. | Description |
|-------------|-----------|--|
| 62882 | H-5 | Mini Hose Reel |
| 64862 | H-38 | Hose Reel (Fits KJ-3100) |
| 64902 | H-38 WH | Hose Reel with 200' (61 m) x 3/8" ID Hose (Fits KJ-3100) |
| 64797 | HW-30 | Wash Wand, KJ-3100 |
| 48367 | H-25 | Winterizing Kit |
| 48157 | FV-1 | Foot Valve |
| 66732 | HF-4 | Quick Connect Hose (Reel to Foot Valve) |
| 47542 | H-21 | Nozzle Cleaning Tool |
| 67187 | H-32 | Jet Vac |
| 70032 | - | RIDGID PVC Drain Cleaning Gloves |
| 41937 | - | RIDGID Leather Drain Cleaning Gloves |



Clear tough blockages and tree roots with Root Ranger 3000.

Jetter Nozzles

Model H-101 and H-111 Propulsion Nozzles

General-purpose nozzle features three reverse thrusters for maximum propulsion to jet long distances.



Model H-102 and H-112 Penetrating Nozzles

Additional forward pointing jet blasts a hole in solid ice or sludge blockages. Three reverse jets provide propulsion.



Model H-104 Drop Head Nozzle

Allows Jetter hose to negotiate difficult bends and traps. Three reverse thrusters provide propulsion.



Model H-105 and H-115 Spinning Nozzles

Spinning action cleans the entire interior of pipe surface. Three reverse jets provide propulsion.



Model RR3300 Root Ranger® Nozzle

Rear-facing turbojet produces a powerful, concentrated stream of water that shears root obstructions from drain walls.



Foot Pedal

The foot pedal's ON/OFF control gives you total control of the jetting action at the drain opening. It frees both hands to guide the jetting hose into the drain opening and around bends and traps.

Jet Vac

For use with all RIDGID water jetters:

The Jet Vac attaches to any portable water jetter to quickly remove (vacuum) liquid and debris from flooded basements, sumps, swimming pools, construction sites, car wash pits, etc. This cost and time saving product will move up to 60 gallons of liquid per minute.



Jet Vac Unit