ORDERING INFORMATION

Catalog No.	Model No.	Description	Weight lb.	Weight kg
76188	K9-12 GLOBAL	FlexShaft, 1¼" to 2" (32 - 50 mm) Includes: 30' (9,2 m) of ¼" (6 mm) cable and kit*	8.4	3,8
76193	K9-102+	FlexShaft, 1¼" to 2" (32 - 50 mm) Includes: 50' (15,2 m) of ¼" (6 mm) cable and kit**	24.3	11,0
76198	K9-204+	FlexShaft, 2" to 4" (50 - 100 mm) Includes: 70' (21,3 m) of 5/16" (8 mm) cable and kit***	37.3	16,9

* K9-12 includes: 1 ¼" Chain Knocker, 3 mm Hex Key T-handle Tool, Manual Pack.

** K9-102+ includes: 1¼" & 2" Chain Knockers, FlexShaft 4 oz (118 ml) Lubricant, PVC 1¼" & PVC 1½" Attachments, 3 mm & 4 mm Hex Key T-handle Tools, RIDGID Tool Bag, Manual Pack

*** K9-204+ includes: 2" & 4" Chain Knockers, FlexShaft 4 oz (118 ml) Lubricant, 3 mm & 4 mm Hex Key T-handle Tools, RIDGID Tool Bag, Manual Pack

ACCESSORIES

Cat. No.	Description
64293	FlexShaft Knocker, for 1¼" - 2" (32 - 50 mm) pipe, single chain (use with ¼" (6 mm) cable)
64298	FlexShaft Knocker, for 2" (50 mm) pipe, 2 chain (use with ¼" (6 mm) cable)
64283	FlexShaft Knocker, for 1¼" - 2" (32 - 50 mm) pipe, single chain, carbide tip (use with ¼" (6 mm) cable)
64288	FlexShaft Knocker, for 2" (50 mm) pipe, 2 chain, carbide tip (use with ¼" (6 mm) cable)
66568	FlexShaft Knocker, for 1¼" - 2" (32 - 50 mm) pipe, single chain, penetrating head & carbide tips (use with ¼ " (6 mm) cable)
66573	FlexShaft Knocker, for 1½ - 2" (40 - 50 mm) pipe, 2 chain, penetrating head & carbide tips (use with ¼" (6 mm) cable)
64323	FlexShaft Knocker, for 2" (50 mm) pipe, 2 chain (use with 5/16" (8 mm) cable)
64328	FlexShaft Knocker, for 3" (75 mm) pipe, 3 chain (use with 5/16" (8 mm) cable)
64333	FlexShaft Knocker, for 4" (100 mm) pipe, 3 chain (use with 5/16" (8 mm) cable)
64308	FlexShaft Knocker, for 2" (50 mm) pipe, 2 chain, carbide tip (use with 5/16" (8 mm) cable)
64313	FlexShaft Knocker, for 3" (75 mm) pipe, 3 chain, carbide tip (use with 5/16" (8 mm) cable)
64318	FlexShaft Knocker, for 4" (100 mm) pipe, 3 chain, carbide tip (use with 5/16" (8 mm) cable)
66578	FlexShaft Knocker, for 2" (50 mm) pipe, 2 chain, penetrating head & carbide tips (use with 5/16" (8 mm) cable)
66583	FlexShaft Knocker, for 3" (75 mm) pipe, 3 chain, penetrating head & carbide tips (use with 5/16" (8 mm) cable)
66588	FlexShaft Knocker, for 4" (100 mm) pipe, 3 chain, penetrating head & carbide tips (use with 5/16" (8 mm) cable)
64338	RIDGID FlexShaft Lubricant, 8 oz (238 ml)
64343	FlexShaft ¼" (6 mm) Cable Assembly (includes 50' (15.2 m) cable, sheath, couplings)
64348	FlexShaft 5/16" (8 mm) Cable Assembly (includes 70' (21.3 m) cable, sheath, couplings)
64363	Wallpipe Accessory, for 1¼" (32 mm) pipe
64368	Wallpipe Accessory, for 1½" (40 mm) pipe
64643	FlexShaft Sheath Accessory, for K9-102, ¼" (6 mm), Stk, 12" (30,4 cm)
64648	FlexShaft Sheath Accessory, for K9-204, 5/16" (8 mm), Stk, 12" (30,4 cm)
71838	FlexShaft Penetrating Ball Head, for 1½ - 2" (40 - 50 mm) pipe (use with ¼" (6 mm) cable)
71843	FlexShaft Penetrating Drop Head, for 1½ - 2" (40 - 50 mm) pipe (use with ¼" (6 mm) cable)
71848	FlexShaft Penetrating Ball Head, for 2 - 3" (50 - 75 mm) pipe (use with 5/16" (8 mm) cable)
71853	FlexShaft Penetrating Drop-Head, for 3 - 4" (75 - 100 mm) pipe (use with 5/16" (8 mm) cable)

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FLEX YOUR VISION

RIDGID® FlexShaft™ Machines deliver wall-to-wall clean with astonishing speed. Lightweight and portable, FlexShaft Machines can be operated with your SeeSnake® inspection camera in the line while you run it. Fully clear scale and soft blockages faster with FlexShaft Machines.

Learn more at RIDGID.COM/FLEXSHAFT

ENHANCED PIPE INSPECTION WITH

TiltSense™ HDR

ABILITY TO KEEP YOUR INSPECTION CAMERA IN-PIPE WHILE YOU CLEAN WITH

FlexShaft™





RIDGID FULL LIFETIME WARRANTY
Against Material Defects & Workmanship

For more details visit RIDGID.com/warranty

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FlexShaft™ Machines
High Speed Drain Cleaning

RIDGID



DISCOVER THE IMPROVED FLEXSHAFT LINE!

FlexShaft K9-12
FlexShaft K9-102+
FlexShaft K9-204+

WALL-TO-WALL CLEANING AND UNBLOCKING



LIGHT USE | PROFESSIONAL USE

WALL-TO-WALL CLEAN. ASTONISHING SPEED.

A CLOSER LOOK AT HIGH-SPEED DRAIN CLEANING

SELECTING THE RIGHT CABLE SIZE

Smaller lines require smaller, more flexible cables to navigate tight turns. Bigger lines, on the other hand, require more durability than flexibility to clean long runs.

CABLE SIZE	PIPE SIZE
6 mm	32-50 mm
8 mm	50-100 mm
10 mm	75-150 mm

FINESSE V. FORCE

The chain knocker does all the work. Get it up to high speed and start cleaning wall-to-wall. The faster the chain knocker moves, the better you clean.





OUTER SHEATH

The cable spins inside of a durable nylon sheath, letting you inspect while cleaning to save time and effort. An enclosed rotating cable prevents splatter and wipes clean as you retract so the jobsite doesn't come into your truck.

CLEANING V. CLEARING

MAINTENANCE AND RELINING

Chain knockers deliver wall-to-wall clean and can get pipes working like new, creating opportunities for warranties or up charges. Total cleaning also lets you prepare damaged pipe for relining as an alternative to digging and replacing.

EMERGENCY BLOCKAGES

When an emergency blockage needs to be cleared to get water running and the client doesn't want to pay for total pipe cleaning, just clearing the blockage is also a solution.

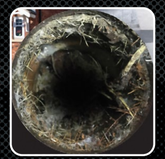
SEE IT IN ACTION!



GREASE, SOAP BLOCKAGES



SCALE BLOCKAGES



LIGHT ROOTS BLOCKAGES



WET PIPES BLOCKAGES



CLEARS FROM 1¼" TO 4" (32 - 100 mm) DRAIN LINES

RIDGID FlexShaft machines are lightweight, compact and highly efficient machines that deliver wall-to-wall clean in 1¼" to 4" (32 to 100 mm) drain lines up to 70' (21,3 m).

FlexShaft machines can also be operated while an inspection camera is in the line letting you see while you clean. No other soft blockage expert can do that.

- **WALL-TO-WALL CLEAN**
  Chain knockers expand for full pipe cleaning
- **SIMULTANEOUS CAMERA USE**
  FlexShaft machines let you keep your camera in-pipe while you work
- **INCREASE PRODUCTIVITY**
  Faster setup and cleanup, quick cleaning, and cordless convenience for additional time savings
- **CUSTOMIZE YOUR MACHINE**
  A full range of chain knockers and accessories are available

SPECIFICATIONS:

	ENTRY MODEL	PROFESSIONAL MODEL	
MODEL	**K9-12**	**K9-102+**	**K9-204+**
Ideal For	Soft Blockages Sinks, Tubs, Showers	Light to Medium Blockages Sinks, Tubs, Showers, Urinals	Medium Blockages House Drains and Laterals
Drain Capacity	1¼" to 2" (32 - 50 mm)	1¼" to 2" (32 - 50 mm)	2" to 4" (50 - 100 mm)
Cable Diameter (without Sheath)	¼" (6 mm)	¼" (6 mm)	5⁄16" (8 mm)
Cable Assy. Diameter (with Sheath)	3⁄8" (9,5 mm)	3⁄8" (9,5 mm)	½" (12,7 mm)
Cable Assembly Length	30' (9,0 m)	50' (15,2 m)	70' (21,3 m)
Rotational Speed	Min. 1800 RPM – Max. 2500 RPM		
Drill Attachment*	5⁄16" Hex (8 mm)		
Internal Clutch	Yes	No	
Weight (without Drill/Knocker)	8.4 lbs. (3,8 kg)	24.3 lbs. (11,0 kg)	37.3 lbs. (16,9 kg)
Dimensions (without Drill)	12,9" × 4,8" × 15,1" (300 × 121 × 383 mm)	19,2" × 7,5" × 22,1" (488 × 191 × 562 mm)	21,1" x 10,8" x 24,2" (536 × 274 × 615 mm)
Operating temperature	-6°C to 60°C		
Case Opening Mechanism	Hex Screws	Toggle Latch	

*Cordless Drill not included.

CHOOSING THE RIGHT FLEXSHAFT MACHINES

		TYPES OF BLOCKAGES					
Flexshaft Machine	**Application***	**Soft Blockages**	**Medium Blockages**	**Hard Blockages**	**Light Roots**	**Cleans Pipe Walls**	**CCTV Compatible**
K9-12	Sinks, Tubs, Showers 32 - 150	✓				✓	✓
K9-102+	Sinks, Tubs, Showers, Urinals 32 - 150	✓	✓		✓	✓	✓
K9-204+	Sink Lines to Main Lines 32 - 150	✓	✓		✓	✓	✓

*Success is dependent of the use of the correct mix of machine & accessories; always assess the application before use.



HIGH SPEED DRAIN CLEANING

RIDGID® FlexShaft machines utilize specialized chain knockers attached to a flexible cable that are spun at high speeds by a cordless drill with an adjustable clutch (not included) attached to the drive shaft. Since the cable spins inside a durable nylon sheath that is housed within a fully contained drum, there is less jobsite mess.

HOW TO SUCCESFULLY SET-UP AND USE YOUR FLEXSHAFT

PIPE WALL SURFACE CLEANING



SMOOTH CHAIN KNOCKERS
- For all pipe types
- For soft blockages and grease



CARBIDE TIPPED CHAIN KNOCKERS
- For Hard walled pipes
- For scale, roots, grease and soft blockages



NYLON BRUSH
- Gentle cleaning of fragile pipes
- Centering guide for other tools
- For spreading resin when spray lining



PENETRATING DROP HEAD FOR NAVIGATING DOWN PIPE
- For all pipe types
- Penetrates obstructions
- Can be Combined with other FlexShaft® tools

PIPE WALL CLEANING & PENETRATING BLOCKAGES



PENETRATING, CARBIDE TIPPED CHAIN KNOCKERS
- For Hard walled pipes
- For wipes, scale, roots, grease and soft blockages



PENETRATING BALL HEAD
- For all pipe types
- Penetrates obstructions
- Can be Combined with other FlexShaft® tools

PIPE WALL CLEANING & GRINDING



NYLON-STEEL BRUSH
- For cleaning & light grinding
- For relining preparation of PVC & cast iron pipes

CHOOSING THE RIGHT CHAIN KNOCKER

Depending on pipe size, pipe material and blockage, there are different chain knockers for every job. Knowing when to choose standard, carbide tipped or penetrating head chain knockers can help you get the best performance out of your machine.



		PIPE TYPE		BLOCKAGE		
	Pipe Size (mm)	**Copper/Galvanized/Cast Iron**	**PVC/ABS/Orangeburg/ Corrugated/Clay**	**Grease/ Soft Blockages**	**Scale/ Light Roots**	**Wipes**
Chain Knockers	32 - 150	✓	✓	✓		
Carbide Tipped Chain Knockers	32 - 150	✓		✓	✓	
Penetrating Head Chain Knockers	32 - 150	✓		✓	✓	✓