

RIDGID®

FlexShaft® KM-1004 Milling Machine

Wall-To-Wall Cleaning and Heavy-Duty Descaling
in 1¼" (32mm) to 4" (100mm) Pipes



The KM-1004 Milling Machine takes the FlexShaft® line of drain cleaning machines into a new space. With hybrid-power capability, you have cordless freedom with corded dependability. The machine comes with 80' of 5/16" DeadCore™ cable for use in 2" to 4" pipes. The machine is also capable of accepting 1/4" cable for 1¼" to 2" pipes. The auto-adjusting I-Clutch™ recognizes what cable is installed and adjusts the clutch setting accordingly to protect your cable. Equipped with a brushless motor for maximum power and longevity, cable counting for superior precision, and a telescoping handle with wheels for ease of transportation.

- **Cordless Freedom with Corded Dependability:** Powered by 18V RIDGID battery or dedicated power cord
- **Cable Versatility:** Ability to swap between 1/4" and 5/16" cables
- **Brushless Motor with I-Clutch™ Technology:** Protection against cable breakage in high torque settings
- **Cable Counting Functionality:** Cable distance and speed control on advanced digital display
- **2-Hand Operation:** Foot pedal activation switch for ease of use
- **Connected Tool:** Create shareable job insights, maintenance reminders, and tool history with the RIDGID® Link app

The RIDGID® KM-1004 gives you the extended run time needed for heavy duty descaling and milling jobs. The on-board temperature sensor will protect the cable against overheating. The brushless motor provides reinstatement power for any pipe rehab jobs that may require you to open up or reinstate a closed-off line.



SPECIFICATIONS

- Model.....**KM-1004**
- Drain Capacity (Nom.)1¼" to 4" (32 – 100 mm)
- Cable Diameter (without Sheath)1/4" (6 mm) and 5/16" (8 mm)
- Cable Assy. Diameter (with Sheath).....3/8" (9.5 mm) and 1/2" (12.7 mm)
- Rotational Speed.....1000-2000 RPM
- ControlsMain ON(I)/OFF(O) Switch, FOR/OFF/REV Switch, Pneumatic Foot Switch
- Integral Clutch/Cable Protection.....I-Clutch™ System
- Wireless Connection Range33 ft (10 m)
- Memory50 Job Recordings
(1 Job is approximately 2 hours)
- Cable Travel Tolerance+/- 2 ft (+/- 0.6 m)
- Operating Temperature20° F to 122° F (-6° C to 50° C)
- Storage Temperature32° F to 113° F (0° C to 45° C)
- Weight (Machine and 5/16" Cable)67.1 lbs. (30.4 kg)
- Dimensions24.1" x 27.6" x 13.1"
(613 mm x 702 mm x 334 mm)

ORDER INFORMATION

CATALOG NO.	MODEL NO.	DESCRIPTION	WEIGHT	
			(lb.)	(kg)
79773	KM-1004	FlexShaft Miller, KM-1004 NA*	71.8	32.6
79713	KM-1004	FlexShaft Miller, KM-1004 NA Tool Only**	67.1	30.4

* KM-1004 includes: 5/16" x 80' DeadCore™ Cable with Repair Coupling, 2" HD Carbide Chain Knocker, 4" HD Carbide Chain Knocker, FlexShaft Lubricant, 3MM Hex Key, 4MM Hex Key, RIDGID Tool Bag, 12" Sheath Stock, 2" Sheath Spacer, 4" Sheath Spacer, 2 18V 5Ah Batteries, 18V Charger, Manual Pack

** Tool Only version does not include any 18V batteries or charger.

ACCESSORIES

CATALOG NO.	DESCRIPTION
78788	2-3" Reinstatement Cutter for 5/16" Cable w/Centering Brushes
80858	2-3" Reinstatement Cutter for 5/16" Cable
80863	¼" Cable Adapter for 2-3" Reinstatement Cutter
80868	3-4" Reinstatement Cutter for 5/16" Cable
80918	5/16" Cable Adapter for 2-3" Reinstatement Cutter
80923	5/16" Cable Adapter for 3-4" Reinstatement Cutter
80873	2" Carbide Tipped Circular Chain for 5/16" Cable
80878	3" Carbide Tipped Circular Chain for 5/16" Cable
80888	4" Carbide Tipped Circular Chain for 5/16" Cable
80928	2" Circular Chain for 5/16" Cable
80933	3" Circular Chain for 5/16" Cable
80883	4" Circular Chain for 5/16" Cable
80893	2" Heavy Duty Carbide Tipped Chain Knocker for 5/16" Cable
80898	3" Heavy Duty Carbide Tipped Chain Knocker for 5/16" Cable
80903	4" Heavy Duty Carbide Tipped Chain Knocker for 5/16" Cable
80938	2" Heavy Duty Chain Knocker for 5/16" Cable
80943	3" Heavy Duty Chain Knocker for 5/16" Cable
80948	4" Heavy Duty Chain Knocker for 5/16" Cable
80968	5/16" x 80' FlexShaft™ DeadCore™ Cable
80958	Sheath Bushing for ¼" Cable
80963	Sheath Bushing for 5/16" Cable
80993	3-4" Reinstatement Cutter Brush Insert

