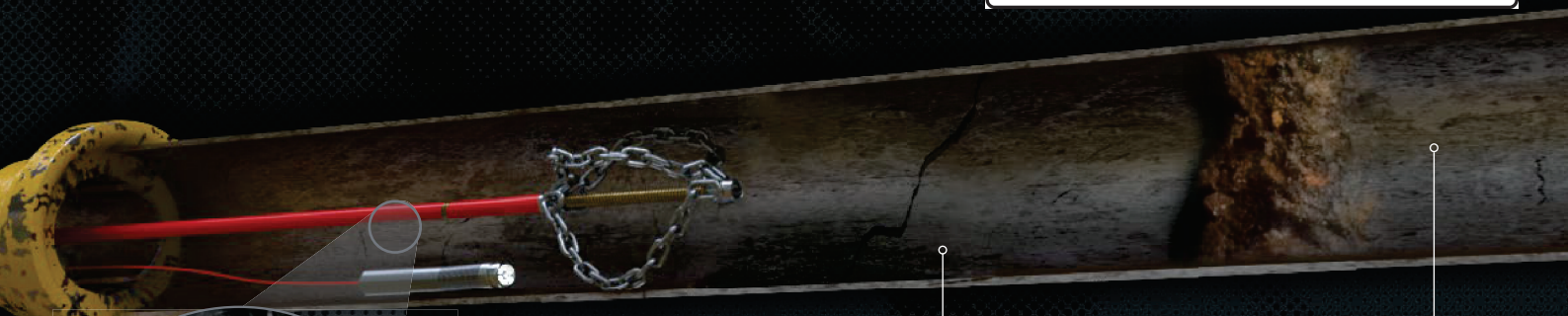
FlexShaft™

RIDGID

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RANGE OF ACCESSORIES





CHOOSING THE RIGHT ACCESSORY

RIDGID® FlexShaft machines utilize specialized accessories attached to a flexible cable that are spun at high speeds for effective wall-to-wall cleaning action. Selecting the correct chain knocker or brush for your application and pipe-material will ensure an efficient clean-out.

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.

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

PIPE WALL CLEANING & PENETRATING BLOCKAGES



PENETRATING, CARBIDE TIPPED CHAIN KNOCKERS

- For Hard walled pipes
- For wipes, scale, roots, grease and soft blockages

PIPE WALL CLEANING & GRINDING



NYLON-STEEL BRUSH

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

FlexShaft™



FLEX YOUR COVERAGE.

FIND THE RIGHT CHAIN KNOCKER FOR THE JOB TO GET WALL-TO-WALL CLEAN

Use below table for recommended options based on blockage, pipe size and pipe type.

		K9-102 MACHINE						K9-204 MACHINE								
		Chain Knockers		Carbide Tipped Chain Knockers		Penetrating Head Chain Knockers		Chain Knockers			Carbide Tipped Chain Knockers			Penetrating Head Chain Knockers		
	DESCRIPTION	K9-102 1½"	K9-102 2"	K9-102 1½" CARBIDE	K9-102 2" CARBIDE	K9-102 - 1½" PENETRATING HEAD	K9-102 - 2" PENETRATING HEAD	K9-204 2"	K9-204 3"	K9-204 4"	K9-204 2" CARBIDE	K9-204 3" CARBIDE	K9-204 4" CARBIDE	K9-204 - 2" PENETRATING HEAD	K9-204 - 3" PENETRATING HEAD	K9-204 - 4" PENETRATING HEAD
	CATALOG NO.	64293	64298	64283	64288	66568	66573	64323	64328	64333	64308	64313	64318	66578	66583	66588
	PIPE SIZE	1¼"-1½" (32-40 mm)	2" (50 mm)	1¼"-1½" (32-40 mm)	2" (50 mm)	1¼"-1½" (32-40 mm)	2" (50 mm)	2" (50 mm)	3" (75 mm)	4" (100 mm)	2" (50 mm)	3" (75 mm)	4" (100 mm)	2" (50 mm)	3" (75 mm)	4" (100 mm)
PIPE TYPE	COPPER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PIPE TYPE	GALVANIZED	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PIPE TYPE	CAST IRON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PIPE TYPE	PVC	✓	✓					✓	✓	✓						
PIPE TYPE	ABS	✓	✓					✓	✓	✓						
PIPE TYPE	ORANGEBURG	✓	✓					✓	✓	✓						
PIPE TYPE	CORRUGATED	✓	✓					✓	✓	✓						
PIPE TYPE	CLAY	✓	✓					✓	✓	✓						
BLOCKAGE	GREASE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BLOCKAGE	SOFT BLOCKAGE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BLOCKAGE	SCALING			✓	✓	✓	✓				✓	✓	✓	✓	✓	✓
BLOCKAGE	LIGHT ROOTS			✓	✓	✓	✓				✓	✓	✓	✓	✓	✓
BLOCKAGE	WIPES					✓	✓							✓	✓	✓
	INCLUDED WITH KIT	✓	✓					✓		✓						

Any chain knocker can be purchased separately.

Read manual for setup.

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FLEX YOUR COVERAGE.

FIND THE RIGHT BRUSHES FOR THE JOB TO GET WALL-TO-WALL CLEAN

Use below table for recommended options based on blockage, pipe size and pipe type.

		NYLON BRUSH					NYLON AND STEEL BRUSH		
									
	DESCRIPTION	K9-102 NYLON 1.5"	K9-102 NYLON 2"	K9-204 NYLON 2"	K9-204 NYLON 3"	K9-204 NYLON 4"	K9-204 NYLON / STEEL 2"	K9-204 NYLON / STEEL 3"	K9-204 NYLON / STEEL 4"
	CATALOG NO.	68933	68938	68943	68948	68953	68973	68978	68983
	PIPE SIZE	1½" (40 mm)	2" (50 mm)	2" (50 mm)	3" (75 mm)	4" (100 mm)	2" (50 mm)	3" (80 mm)	4" (105 mm)
PIPE TYPE	COPPER	✓	✓	✓	✓	✓	✓	✓	✓
PIPE TYPE	GALVANIZED	✓	✓	✓	✓	✓	✓	✓	✓
PIPE TYPE	CAST IRON	✓	✓	✓	✓	✓	✓	✓	✓
PIPE TYPE	PVC	✓	✓	✓	✓	✓	*	*	*
PIPE TYPE	ABS	✓	✓	✓	✓	✓	*	*	*
PIPE TYPE	ORANGEBURG	✓	✓	✓	✓	✓	*	*	*
PIPE TYPE	CORRUGATED	✓	✓	✓	✓	✓	*	*	*
PIPE TYPE	CLAY	✓	✓	✓	✓	✓	✓	✓	✓
BLOCKAGE	GREASE	✓	✓	✓	✓	✓	✓	✓	✓
BLOCKAGE	SOFT BLOCKAGE	✓	✓	✓	✓	✓	✓	✓	✓
BLOCKAGE	SCALING						✓	✓	✓
	SECURING RING	68923	68923	68918	68918	68918	68918	68918	68918

** These brushes can be used for light grinding and pipe preparation prior spray-lining jobs.*
3" and 4" nylon – steel brushes need to have longer strings in order to provide a thorough cleaning.

Any Brush can be purchased separately.

Read manual for setup.

RIDGID

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SET UP FOR SUCCESS

A QUICK GUIDE FOR PROPER DRILL SETUP AND CLEANING

EN - Read and follow all warnings and instructions for all equipment and materials used with these machines.
FR - Lisez et respectez tous les avertissements et toutes les instructions concernant l'équipement et le matériel utilisés avec ces machines.
ES - Lea y siga todas las advertencias e instrucciones para todos los equipos y materiales utilizados con estas máquinas.
DE - Lesen und befolgen Sie alle Warnungen und Anweisungen für alle Geräte und Materialien, die mit diesen Maschinen verwendet werden.
IT - Leggere e seguire tutte le avvertenze e le istruzioni per tutte le attrezzature e i materiali utilizzati con queste macchine.

EN - Adjustable Clutch, and "screw driving" mode.
FR - Débrayage réglable et mode "vissage".
ES - Embrague ajustable, y modo de "conducción por tornillo".
DE - Einstellung Rutschkupplung (Clutch) und Schraubmodus.
IT - Frizione regolabile e modalità avvitatore.



DRILL CLUTCH RANGE	START CLUTCH SETTING (25%)	MAX CLUTCH SETTING (75%)
10	2	7
20	5	15
30	7	22
40	10	30
50	12	37
60	15	45

EN - High Speed Setting: 1800 to 2500 RPM.
FR - Réglage haute vitesse: 1800 à 2500 tr / min.
ES - Configuración de alta velocidad: 1800 a 2500 RPM.
DE - Hochgeschwindigkeitseinstellung: 1800 bis 2500 U / min.
IT - Impostazione ad alta velocità: da 1800 a 2500 RPM.



EN - Direction selector in FORWARD Position.
FR - Sélecteur de direction en position AVANT.
ES - Selector de dirección en posición HACIA ADELANTE.
DE - Richtungswahlschalter in Position FORWARD.
IT - Selettore di direzione in posizione AVANTI.

EN - FlexShaft machines require a cordless drill.
FR - Les machines FlexShaft nécessitent une perceuse sans fil.
ES - Las máquinas FlexShaft requieren un taladro a batería
DE - FlexShaft-Maschinen benötigen eine Akku-Bohrmaschine.
IT - Le macchine FlexShaft richiedono un trapano a batteria.

CLEANING WITH YOUR FLEXSHAFT MACHINE

EN
- Operate drill at full speed. Do not force the chain knocker into blockages. If drill clutches out, back out of blockage and get chain knockers spinning again before re-entering the blockage.
- If the drill continues to clutch out, the adjustable clutch setting can be increased. Start at 25% of Total Clutch setting and do not exceed 75% of the total clutch adjustment range to avoid cable damage.
- If the drill continues to clutch out, consider using another RIDGID drain cleaning machine

FR
- Utiliser la perceuse à pleine vitesse. Ne forcez pas le heurtoir à chaîne dans des blocages. Si la perceuse s'embraye, retirez-vous du blocage et faites-la filer à nouveau avant de retourner dans le blocage.
- Si la perceuse continue à débrayer, le réglage du débrayage régler en augmentent. Commencez à 25% du réglage du débrayage. Ne dépassez pas 75% de la plage totale de réglage du débrayage pour éviter d'endommager le câble.
- Si la perceuse continue à débrayer, envisagez d'utiliser un autre système de nettoyage RIDGID.

ES
- Opere el taladro a toda velocidad. No fuerce el golpeador de cadena en los bloqueos. Si el taladro se atasca, salga del bloqueo y haga que las aldabas giren nuevamente antes de volver al bloqueo.
- Si el taladro sigue desembragado, se puede aumentar la configuración del embrague ajustable. Comience en 25% y no exceda el 75% del rango total de ajuste del embrague para evitar daños en el cable.
- Si el taladro se sigue desembragando, considere usar otra máquina de limpieza de desagües RIDGID.

DE
- Den Akkuschrauber mit voller Geschwindigkeit (1.800 - 2.500 U/min) betreiben. Fahren Sie nicht mit Gewalt in die Blockade. Wenn die Rutschkupplung auslöst, den Schaft zurückziehen, den Kettenschleuderkopf kurz drehen lassen und dann wieder vorsichtig zur Blockade vorschieben.
- Wenn der Akkuschrauber weiterhin auskuppelt, kann die einstellbare Kupplungseinstellung erhöht werden. Beginnen Sie bei 25%, und 75% des gesamten Kupplungsstellbereichs nicht überschreiten, um Kabelschäden zu vermeiden.
- Wenn der Bohrer weiterhin auskuppelt, sollten Sie eine andere RIDGID-Abflussreinigungsmaschine verwenden.

IT
- Azionare il trapano alla massima velocità. Non forzare il demolitore a catena dentro l'ostruzione. Se la frizione interviene, uscire dall'ostruzione e far girare di nuovo il demolitore a catena alla massima velocità prima di rientrare nell'ostruzione.
- Se la frizione del trapano continua ad intervenire, è possibile aumentare l'impostazione della frizione regolabile. Inizia al 25% e non superare il 75% dell'intervallo di regolazione della frizione totale per evitare danni al cavo.
- Se la frizione trapano continua ad intervenire, prendere in considerazione l'uso di un'altra stasatrice per la pulizia degli scarichi RIDGID.