

Cent.r. KUT[®] SERIES



2025



ARTHUR PRODUCTS CO.

ENGINEERED SOLUTIONS

1-800-322-0510 • WWW.ARTHURPRODUCTS.COM

Cnt-r-KUT ® Series



Toll Free: 1.800.322.0510

Phone: 1.330.725.4905

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E-Mail: apc@apclsq.com

Web: www.arthurproducts.com

Cnt-r-KUT® Series



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Cnt-r-KUT® *ELITE*

EMAX

The **CNT-R-KUT® ELITE** was designed to allow an operator to get a mechanical cutter nozzle in “**Those Tight Places**” where other water driven mechanical cutting nozzles fear to go.

The Cnt-r-KUT ELITE kit is a complete rotating nozzle pipe cleaning system manufactured from high grade stainless steel and an Aerospace elastomer . The ELITE mini is designed to clean pipe using a rotating head which can be equipped with a chain or cable. A flexible lightweight centering guide stabilizes and centers the rotating head yielding an excellent 360° internal cleaning. The addition of an optional deicing/degreasing head further enhances the ELITE mini’s capabilities.



Linked Chain Configuration:

Linked Chain allows for a more flexible approach to removing heavier roots and grease from pipe in good structural condition.



Roller Chain Configuration:

Roller Chain is utilized for lighter roots and grease removal from pipe in good structural condition.



Cable Configuration:

Cable enables removal of lighter root systems in more delicate pipe.



Deicing/Degreasing Configuration (Option):

This option is excellent for ice and grease removal by utilizing sidekick jets specifically configured for this task

Cnt-r-KUT® *ELITE max*

EMAX

Features:

The Cnt-r-KUT® ELITE max kit is a complete rotating nozzle pipe cleaning system manufactured from high grade stainless steel and an Aerospace elastomer. The ELITE max is designed to clean a pipe using a rotating head which can be equipped with a linked chain, roller chain, cable or just water jets. Three flexible light weight centering guides 3", 4" and 6" diameters can quickly be changed in the field to stabilize and center the rotating head yielding an excellent 360° internal cleaning. An optional deicing/degreasing head further enhances the ELITE max's capabilities.

The Cnt-r-KUT® ELITE max allows the operator a quick way to get a mechanical cutter nozzle in "Those **Tight Places**" where other water driven mechanical cutting nozzles fear to go.



1/4"NPT 3/8"NPT

3/8"BSPP 1/2"NP T

3/4"NPT

CNT-R-KUT® ELITE max KIT

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane 6"	1
Guide Vane 4"	1
Guide Vane 3"	1
Rotor Head for Chain	1
Chain Set	3
Cable Set	3
Orifice Cleaner	1
Tool Case (lockable)	1
Utility Knife	1
Silver Marker	1
Straight Edge	1
Carrying Case	1
8-32 Screws	3
1/16" Allen Wrench	1
4-40 Screws	2
1/4-28 Locknut	1
3/32" Allen Wrench	1



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Cnt-r-KUT® ELITE

EMAX-21

Features:

The Cnt-r-KUT® ELITE max-21 kit is a complete rotating nozzle pipe cleaning system manufactured from high grade stainless steel and an Aerospace elastomer. The ELITE max-21 is designed to clean a pipe using a rotating head which can be equipped with a linked chain, roller chain, cable or just water jets. Three flexible light weight centering guides 3", 4", 6" and 8" diameters can quickly be changed in the field to stabilize and center the rotating head yielding an excellent 360° internal cleaning. An optional de-icing/degreasing head further enhances the ELITE max's capabilities.

The Cnt-r-KUT® ELITE max-21 allows the operator a quick way to get a mechanical cutter nozzle in "Those Tight Places" where other water driven mechanical cutting nozzles fear to go.

CNT-R-KUT® ELITE max KIT

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane 8"	1
Guide Vane 6"	1
Guide Vane 4"	1
Guide Vane 3"	1
Rotor Head for Chain	1
Roller Chain Set	4
Cable Set	4
Link Chain Set	4
Orifice Cleaner	1
Tool Case (lockable)	1
Utility Knife	1
Silver Marker	1
Straight Edge	1
Carrying Case	1
8-32 Screws	3
1/16" Allen Wrench	1
4-40 Screws	2
1/4-28 Locknut	1
3/32" Allen Wrench	1



Available In:

1/4"NPT, 3/8"NPT, 3/8"BSPP, 1/2"NPT, & 3/4"NPT

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Cnt-r-KUT® CD MAXe

CENTERING DEVICE ECONOMY KIT

The FLEXIBLE CENTERING DEVICE

The Arthur Products Co. (APC) "CENTERING DEVICE (CD) MAX-e" is manufactured from an aerospace elastomer. The CD MAX-e is flexible enough to conform to damaged or deformed lines and can easily be fitted in the field to fit virtually any line from 3" to 6" in diameter. Simply attach your 1/4", 3/8", 1/2" npt or 3/8"BSPP hose to one end of the CD and your favorite 1/4", 3/8", 1/2" npt or 3/8"BSPP nozzle to the other end of the CD and you are ready to tackle the task at hand. Three flexible light weight centering guides 3", 4" and 6" diameters can quickly be changed in the field to stabilize and center the nozzle for cleaning. This kit comes in a cardboard box with three guide vanes, 10K rated stainless steel body, and attachment screws.



CDMAXe Kit

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane 3"	1
Guide Vane 4"	1
Guide Vane 6"	1
Tool Kit	1
Sealant Tape	1
Tote Bag	1
Manual	1

Available In:

1/4"NPT, 3/8"NPT, 3/8"BSPP, & 1/2"NPT

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Cnt-r-KUT® *CD MAXe-21*

CENTERING DEVICE ECONOMY KIT

The *FLEXIBLE* CENTERING DEVICE

The Arthur Products Co. (APC) "CENTERING DEVICE (CD) MAXe-21" is manufactured from an aerospace elastomer. The CD MAXe-21 is flexible enough to conform to damaged or deformed lines and can easily be fitted in the field to fit virtually any line from 3" to 8" in diameter. Simply attach your 1/4", 3/8", 1/2" npt or 3/8"BSPP hose to one end of the CD and your favorite 1/4", 3/8", 1/2" npt or 3/8"BSPP nozzle to the other end of the CD and you are ready to tackle the task at hand.

Four flexible light weight centering guides 3", 4", 6" and 8" diameters can quickly be changed in the field to stabilize and center the nozzle for cleaning. This kit comes in a cardboard box with four guide vanes, 10K rated stainless steel body, and attachment screws.

CDMAXe-21 Kit

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane 3"	1
Guide Vane 4"	1
Guide Vane 6"	1
Guide Vane 8"	1
Tool Kit	1
Sealant Tape	1
Tote Bag	1
Manual	1



Available In:

1/4"NPT, 3/8"NPT, 3/8"BSPP, & 1/2"NPT

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Cnt-r-KUT® *CD MAXe-Single*

CDMAXe-03

The **FLEXIBLE** CENTERING DEVICE



The Arthur Products Co. (APC) "CENTERING DEVICE (CD) MAXe-03" is manufactured from an aerospace elastomer. The CDMAXe-03 is flexible enough to conform to damaged or deformed lines and can easily be fitted into any pipe 3" or larger. Simply attach your 1/4", 3/8", 1/2" npt or 3/8"BSPP hose to one end of the CD and your favorite 1/4", 3/8", 1/2" npt or 3/8"BSPP nozzle to the other end of the CD and you are ready to tackle the task at hand.

CDMAXe-03 Kit

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane 3"	1
Tool Kit	1
Sealant Tape	1
Tote Bag	1
Manual	1



Available In:

1/4"NPT, 3/8"NPT, 3/8"BSPP, & 1/2"NPT

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Cnt-r-KUT® *CD MAXe-Single*

CDMAXe-04

The *FLEXIBLE* CENTERING DEVICE

The Arthur Products Co. (APC)
"CENTERING DEVICE (CD) MAXe-04" is
manufactured from an aerospace elastomer. The CDMAXe-04 is flexible enough
to conform to damaged or deformed lines
and can easily be fitted into any pipe 4" or
larger. Simply attach your 1/4", 3/8", 1/2"
npt or 3/8"BSPP hose to one end of the
CD and your favorite 1/4", 3/8", 1/2" npt
or 3/8"BSPP nozzle to the other end of
the CD and you are ready to tackle the
task at hand.



CDMAXe-04 Kit

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane 4"	1
Tool Kit	1
Sealant Tape	1
Tote Bag	1
Manual	1

Available In:

1/4"NPT, 3/8"NPT, 3/8"BSPP, & 1/2"NPT

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Cnt-r-KUT® *CD MAXe-Single*

CDMAXe-06

The FLEXIBLE CENTERING DEVICE



The Arthur Products Co. (APC) "CENTERING DEVICE (CD) MAXe-06" is manufactured from an aero-space elastomer. The CDMAXe-06 is flexible enough to conform to damaged or deformed lines and can easily be fitted into any pipe 6" or larger. Simply attach your 1/4", 3/8", 1/2" npt or 3/8"BSPP hose to one end of the CD and your favorite 1/4", 3/8", 1/2" npt or 3/8"BSPP nozzle to the other end of the CD and you are ready to tackle the task at hand.

CDMAXe-06 Kit

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane 6"	1
Tool Kit	1
Sealant Tape	1
Tote Bag	1
Manual	1



Available In:

1/4"NPT, 3/8"NPT, 3/8"BSPP, & 1/2"NPT

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Cnt-r-KUT® *CD MAXe-Single*

CDMAXe-08

The *FLEXIBLE* CENTERING DEVICE

The Arthur Products Co. (APC) "CENTERING DEVICE (CD) MAXe-08" is manufactured from an aerospace elastomer. The CDMAXe-08 is flexible enough to conform to damaged or deformed lines and can easily be fitted into any pipe 8" or larger. Simply attach your 1/4", 3/8", 1/2" npt or 3/8"BSPP hose to one end of the CD and your favorite 1/4", 3/8", 1/2" npt or 3/8"BSPP nozzle to the other end of the CD and you are ready to tackle the task at hand.



CDMAXe-08 Kit

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane 8	1
Tool Kit	1
Sealant Tape	1
Tote Bag	1
Manual	1

Available In:

1/4"NPT, 3/8"NPT, 3/8"BSPP, & 1/2"NPT

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Cnt-r-KUT® *BASIC max*

BMAX

The Cnt-r-KUT® BMAX is a complete fixed nozzle pipe cleaning system all in one kit. This device is designed to clean a pipe with fixed nozzles with a flexible light weight centering guide vane component yielding excellent 360° internal cleaning.

Three flexible lightweight centering guides 3", 4" and 6" diameters can quickly be changed in the field to stabilize and center the nozzle for cleaning.



- **Nozzles:**

- A Penetrator nozzle is provided to break through blockages.
- A Flushing nozzle is provided to remove loose material.
- A Deicing/Degreasing Nozzle is provided to remove grease type materials from the pipe walls. This nozzle is also excellent for pipe deicing.
- Centering Guide Vane manufactured from an Aerospace Elastomer.
- Centering Guide Vane mechanically attached to stainless steel body for easy change out.

1/4" NPT
3/8" NPT
3/8" BSPP
1/2" NPT

CNT-R-KUT® BASIC KIT

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane –6"	1
Guide Vane –4"	1
Guide Vane –3"	1
Penetrator Nozzle	1
Flushing Nozzle	1
Deicing/Degreasing Nozzle	1
Tool Case (lockable)	1
Orifice Cleaner	1
Utility Knife	1
Silver Marker	1
Straight Edge	1
Carrying Case	1
8-32 Screws	3
3/32" Allen Wrench	1



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Cnt-r-KUT® Basic

BMAX-21

The Cnt-r-KUT® BMAX-21 is a complete fixed nozzle pipe cleaning system all in one kit. This device is designed to clean a pipe with fixed nozzles with a flexible lightweight centering guide vane component yielding excellent 360° internal cleaning. Three flexible lightweight centering guides 3", 4", 6" and 8" diameters can quickly be changed in the field to stabilize and center the nozzle for cleaning.



• Nozzles:

- A Penetrator nozzle is provided to break through blockages.
- A Flushing nozzle is provided to remove loose material.
- A Deicing/Degreasing Nozzle is provided to remove grease type materials from the pipe walls. This nozzle is also excellent for pipe deicing.
- Centering Guide Vane manufactured from an Aerospace Elastomer.
- Centering Guide Vane mechanically attached to stainless steel body for easy change out.
- Durable carrying case.

1/4" NPT
3/8" NPT
3/8" BSPP
1/2" NPT

CNT-R-KUT® BASIC KIT

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane –8"	1
Guide Vane –6"	1
Guide Vane –4"	1
Guide Vane –3"	1
Penetrator Nozzle	1
Flushing Nozzle	1
Deicing/Degreasing Nozzle	1
Tool Case (lockable)	1
Orifice Cleaner	1
Utility Knife	1
Silver Marker	1
Straight Edge	1
Carrying Case	1
8-32 Screws	3
3/32" Allen Wrench	1



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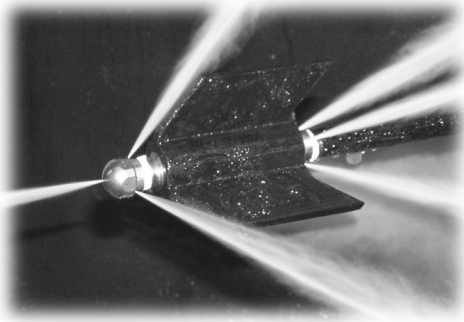
Fax: 1.330.722.2698

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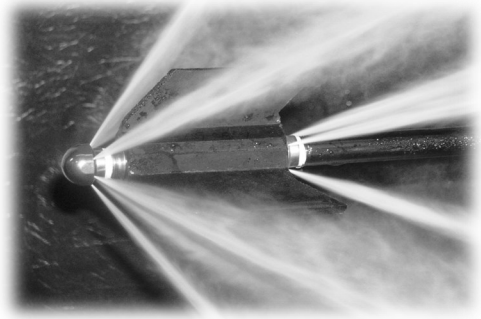
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Cnt-r-KUT *Basic*

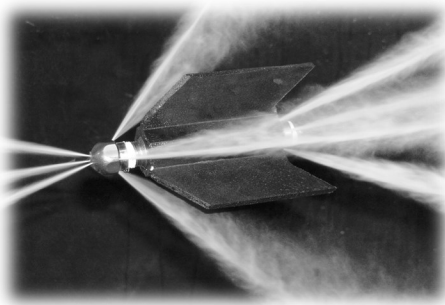
BMAX



PENETRATOR



FLUSHER



DEICER - DEGREASER

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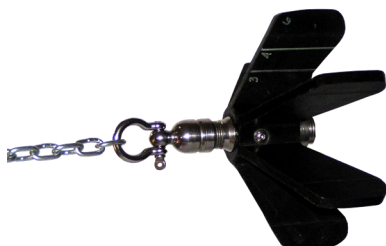
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Cnt-r-KUT *Tow Hook*

Arthur Products Co. (APC) further expands the Cnt-r-KUT® series with the Cnt-r-KUT “TOW HOOK” model. The model allows for 100% of the pressurized water to be applied to the task at hand by the integration of a towing nozzle which can be pulled through the line. Another option for this configuration is the ability to pull a line from point “A” to point “B” if required.

Manufactured from the same aerospace elastomer as all the other Cnt-r-KUT models the Cnt-r-KUT “TOW HOOK” is flexible enough to conform to damaged or deformed lines and can easily be trimmed in the field to fit virtually any line from 3” to 8” in diameter. Simply attach your 1/4”, 3/8” or 1/2” npt hose to one end of the Cnt-r-KUT “TOW HOOK” and you are ready to tackle the task at hand.



1/4” NPT
3/8” NPT
1/2” NPT
1.0” NPT



CNT-R-KUT® TOW HOOK

<u>Description</u>	<u>Qty</u>
Stainless Steel Body	1
Guide Vane –6”	1
Penetrator Nozzle	1
Flushing Nozzle	1
Deicing/Degreasing Nozzle	1
Tool Case (lockable)	1
Orifice Cleaner	1
Utility Knife	1
Silver Marker	1
Straight Edge	1
Carrying Case	1
8-32 Screws	3
3/32” Allen Wrench	1

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Cnt-r-KUT *Tow Hook*



1/4" NPT
3/8" NPT
1/2" NPT
1.0" NPT

Tow



Clean



Polish

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Cnt-r-KUT[®] Series

FLEXIBLE & TRIMMABLE



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SAFETY PROCEDURES FOR USING Cnt-r-KUT

- 1) **Inspect Nozzle** prior to using to ensure that all orifices are unobstructed. Blocked orifices could result in dangerous over-pressuring of pumping equipment. Also, inspect for any surface damage as this can compromise nozzle safety.

- 2) **Discard Nozzle If:** A) The nozzle shows any signs of cracking or damage, particularly to threaded connections. B) The nozzle shows significant wear to sidewall at any point. C) The ability of the nozzle to hold pressure is in any way in question.

- 3) **Use Teflon Tape** on all male NPT threads before installing the nozzle. For those nozzles with machine screw threads use a good quality anti-seize compound.

- 4) **Use Wrench Flats** (if available) and an open ended wrench whenever possible, to install nozzles. A properly adjusted pipe wrench can be used for tightening nozzles which do not have wrench flats. Remember **DO NOT OVERTIGHTEN**. Avoid deep wrench marks which can severely weaken the nozzle.

- 5) **Nozzle Flow Ratings** must be compatible with pump flow and pressure rating to avoid dangerous over pressuring of the system.

Terms and Conditions of Sales Agreement

Agreement. This Agreement between Arthur Products Co (APC) of Medina, Oh and Buyer for the sale of the APC products or parts covered in this invoice shall consist of the terms and conditions herein, shall constitute the entire agreement between the Parties for such sale, and shall supersede all prior oral or written representations or agreements between the Parties. This Agreement may only be modified by a written amendment signed by an authorized representative of both Parties. APC objects and shall not be bound by any additional or different terms, whether printed or otherwise in Buyer's purchase order or any other communication from Buyer unless expressly agreed to by APC in writing. Prior courses of dealing between the Parties or trade usage, to the extent they add to, detract from, supplant or explain this Agreement, shall not be binding on APC.

Safety Training. APC products are designed to use highly pressurized water to perform waterblasting operations. Misuse or improper maintenance of these products may cause damage to the product, other property damage, serious personal injury or even death. Accordingly Buyer agrees to become familiar with and follow the instructions available from APC for the safe and proper operation and maintenance of the product and to train all personnel who will use the product in the safe and proper operation and maintenance of the product in accordance with the recommended safety and maintenance practices in the operations manual or video available from APC. Should Buyer or its personnel at any time have a question regarding the proper use and maintenance of the product or the proper installation, use or maintenance of any part or accessory, Buyer agrees to contact a APC representative for further instruction.

Warranty. APC warrants its product parts to be free from defects in material and workmanship for 30 days from the date of invoice. This warranty covers only metal parts sold individually or as part of an assembled waterblasting unit. This warranty does not cover damage due to normal wear and tear; misuse or failure to use or maintain a part or product in accordance with operating or maintenance instructions furnished by APC; improper installation by Buyer or alteration of a part or accessory; or use of an unauthorized or non-standard part or accessory. Items not manufactured by APC are covered only by the warranty of the actual manufacturer. **APC EXPRESSLY DISCLAIMS ALL OTHER REPRESENTATIONS AND WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER STATUTORY OR COMMON LAW WARRANTY.**

Warranty Service. During the warranty period, APC will provide warranty service for any covered part or product returned by Buyer to APC, shipping prepaid by Buyer, for inspection by APC, and such inspection reveals a defect in material or workmanship. APC will then, at its option, repair or replace the part or product and reship to Buyer F.O.B. APC's warranty service center, or refund the purchase price for the part or product. Buyer bears the risk of loss or damage to the part or product during shipment to and from APC.

Limitation of Liability. Buyer's sole remedy for breach of warranty shall be as set forth above. **APC SHALL NOT BE RESPONSIBLE FOR LOSS OF USE OF ANY PRODUCT, LOST PROFITS OR ANY INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES, NOR SHALL APC'S LIABILITY FOR ANY OTHER DAMAGES WHATSOEVER ARISING OUT OF OR CONNECTED WITH THIS AGREEMENT OR THE MANUFACTURE, SALE, DELIVERY OR USE OF THE PRODUCT EXCEED**

Cnt-r-KUT *Series*

Ordering Information

To best serve you, our customer, when placing an order please have the following information:

- 1) Thread Size (NPT): _____
- 2) System Pressure (PSI): _____
- 3) System Flow Rate (GPM): _____
- 4) Primary Size of Line to be Cleaned: _____
- 5) Total Hose Length on Machine: _____
- 6) Desired Distance of Nozzle Travel: _____
- 7) System Operating Temperature: **HOT** COLD

Arthur Products also has the resources available to powder coat nozzles to the recommended WJTA water Jetting Standards

WJTA Recommended Color Coding			
PSI	Bar		Color
10,000	690	-	Yellow
15,000	1,034	-	Green
20,000	1,379	-	Blue
30,000	2,068	-	Silver
40,000	2,758	-	Orange
55,000	3,792	-	Red

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ARTHUR PRODUCTS CO.
ENGINEERED SOLUTIONS



For over 78 years, Arthur Products co. has listened to our customers needs and then set out to find ways to meet those needs. We do it all; from design, material selection, manufacturing, drilling and testing. We are there for our customers every step of the way.

