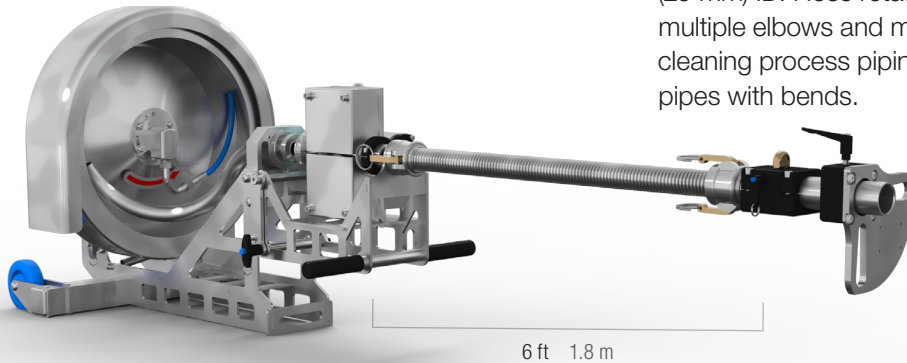


NAVIGATOR

Effective Cleaning for Small Process Pipe

35 x 21 x 24 in.
890 x 533 x 610 mm



OVERVIEW

The StoneAge Navigator is specialized for cleaning process piping, drain lines, and tubes down to 1 inch (25 mm) ID. Hose rotation enables access through multiple elbows and makes the Navigator ideal for cleaning process piping, drain lines, and other small ID pipes with bends.

The Navigator is the industry's first rotary hose device with hose containment specifically engineered for smaller pipes. The system offers enhanced safety, cleaning efficiency, and convenience.

FEATURES	BENEFITS
<ul style="list-style-type: none"> Controlled hose rotation 	<ul style="list-style-type: none"> Allows nozzles to pass up to 9 bends in pipe as small as 2 inches (51 mm) Bid new jobs to clean process piping, drain lines, and other small ID conduit that may have been inaccessible in the past
<ul style="list-style-type: none"> ABX-PRO hose drive 	<ul style="list-style-type: none"> Maximizes investment in StoneAge equipment System can function as a RHD or a stand-alone ultra-portable single lance pipe cleaner
<ul style="list-style-type: none"> Hose containment 	<ul style="list-style-type: none"> Increases job site safety and greatly reduces hose wear and costly replacement Holds up to 100 ft (30m) of hose, 85 ft (26m) reach
<ul style="list-style-type: none"> Lightweight, modular system 	<ul style="list-style-type: none"> Portability and easy assembly Requires only a single operator to move, set up and run, freeing up crew to man other jobs
<ul style="list-style-type: none"> Adjustable forward and reverse feed rate 	<ul style="list-style-type: none"> Customize dwell time for onsistent cleaning in both directions Better results in less time
<ul style="list-style-type: none"> Intergrated snout with versatile flange mount and cam-lock attachment 	<ul style="list-style-type: none"> Simplifies attaching to pipes and increases safety Quick setup in varied application environments
<ul style="list-style-type: none"> Ergonomic control box 	<ul style="list-style-type: none"> Operate all features from outside the blast zone for safety and better line of sight

NAVIGATOR OVERVIEW

ADDITIONAL INFORMATION

- The Navigator is well suited for Banshee Beetle and 2" Badger tools.
- Use tools with right-hand thread for additional safety - the rotation of the device will correlate with tightening the tool in case of resistance in the pipe.

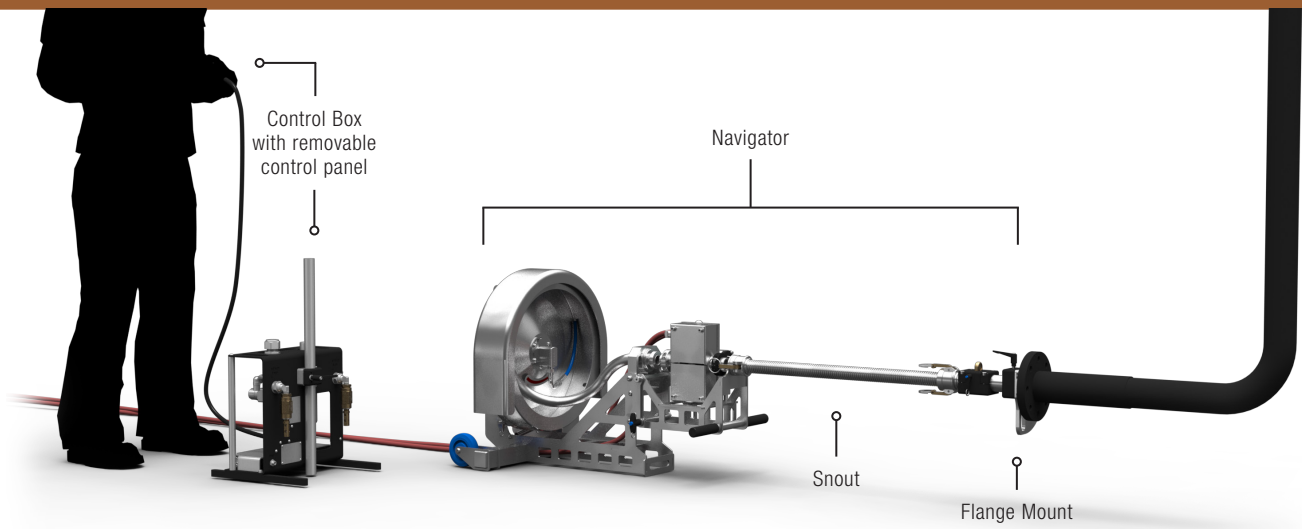
TOOL SPECIFICATIONS

MODEL	NAV-100
Pipe Size	Recommended: 2–4 in. 51–102 mm
Feed Rate	2.7–32 in/sec 69–813 mm/s
Hose OD	0.39–0.50 in. 10–13mm
Dimensions	35 in. x 21 in. x 24 in. 890 mm x 533 mm x 610 mm
Snout Length	72 in. 1829 mm
Snout Diameter	2 in. 51 mm
RHD Weight	85 lbs 41 kg

Visit the StoneAge Dealer Portal for more tool sales and marketing resources:

DEALER.STONEAGETOOLS.COM

NAVIGATOR CONFIGURATION



A complete Navigator configuration requires the following components:

1. Navigator rotary hose device assembly
2. Hose stop collet of appropriate size
3. Control box

The following items may also be requested:

- Hose kit (includes collet)
- Hose stop collets, additional sizes
- Strap mount assembly
- Splash plate

To configure a Navigator, the following information should be obtained:

- What size pipe are you cleaning?
- What size hose are you using? *Collet size will be determined by hose size.*
- Does the pipe have a flange? *If no flange, a strap mount will be required to mount the system.*
- Will you require a splash plate (if using strap mount)?

NAVIGATOR CONFIGURATION

ORDERING OPTIONS

StoneAge offers a preconfigured base package for the Navigator rotary hose device that can be ordered in a single Part ID. The following table shows the configuration of the base package:

PACKAGE PART ID	PACKAGE CONTENTS
NAV-100-PKG	1 x NAV-100 RHD System assembly Includes hose containment, hose feed, snout, and flange mount
	1 x CB-NAV Control box

Hose Options

PART ID	DESCRIPTION
NAV 192-75	Hose, 4/4, 9/16 Type M x 3/8 RH HP Male, 75 ft
NAV 192-100	Hose, 4/4, 9/16 Type M x 3/8 RH HP Male, 100ft
NAV 190-75	Hose, 5/4, 9/16 Type M x 3/8 RH Male Blastpro, 75ft
NAV 190-100	Hose, 5/4, 9/16 Type M x 3/8 RH Male Blastpro, 100ft
NAV 191-75	Hose, 6/4, 9/16 Type M x 3/8 RH Male Blastpro, 75ft
NAV 191-100	Hose, 6/4, 9/16 Type M x 3/8 RH Male Blastpro, 100ft

Hose Stop Options

PART ID	DESCRIPTION
FF 121-438	Hose Stop, Collet Style, Single, .438
FF 121-460	Hose Stop, Collet Style, Single, .460
FF 121-484	Hose Stop, Collet Style, Single, .484
FF 121-516	Hose Stop, Collet Style, Single, .516
NAV 621	Kit (Extended), Hose Stop Collets, .438–.516

Other Options

PART ID	DESCRIPTION
PRO 174-46	Roller, Poly Urethane, .46
BOP 010-4-8	Flange Mount Base Plate Assembly for ProDrive
BOP 050	Strap Mount Assembly
BT25-MP6R-C	Banshee Tube Spinner, 22k psi (12-15gpm)
BT25-MP6R-A	Banshee Tube Spinner, 22k psi (13-20gpm)

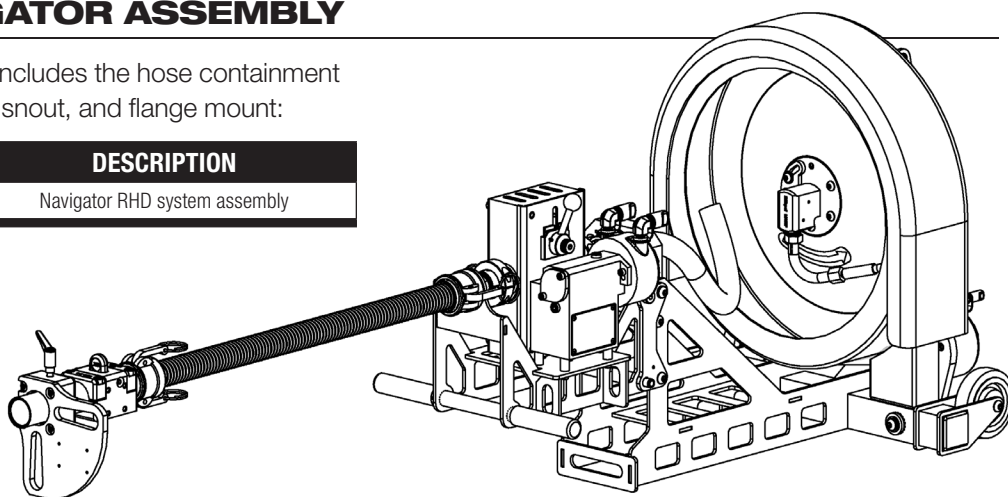
ORDERING BY LINE ITEM

A complete Navigator system can be configured by line item by following the steps outlined below. Contact StoneAge Customer Service for questions about specific applications.

STEP 1 NAVIGATOR ASSEMBLY

The Navigator assembly includes the hose containment drum, hose feed system, snout, and flange mount:

PART ID	DESCRIPTION
NAV-100	Navigator RHD system assembly



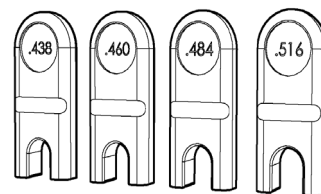
NAV-100
Navigator system assembly

STEP 2 HOSE STOP COLLET

The Navigator hose feed assembly comes installed with Ø.46 rollers.

A collet stop is also required. Select the appropriate collet based on the hose being used.

ROLLER	HOSE OD	SPIRSTAR	PARKER	COLLET
PRO 174-46 Ø 0.46 in.	0.39–0.50 in.	4/4	2440D-025, 2448D-025	FF 121-438
		5/4		FF 121-460
			2440D-03	FF 121-484
		6/4	2440D-04	FF 121-516



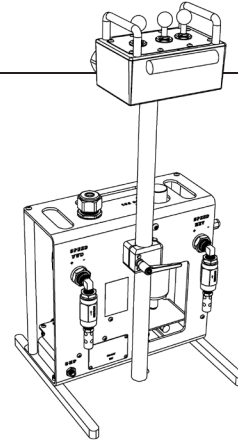
Please Note: A collet is required when using Banshee and Banshee Beetle series tools. It is the responsibility of the user to select proper sizing to ensure the end sleeve of the hose will not pass through the collet.

NAVIGATOR CONFIGURATION

STEP 3 CONTROL BOX

The control box facilitates remote operation of all functions of the Navigator and comes supplied with air hoses.

PART ID	DESCRIPTION
CB-NAV	Navigator control box

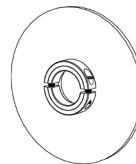


CB-NAV
Control box

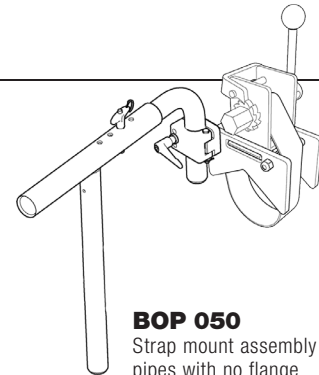
STEP 4 ACCESSORIES

The following accessories are available for the Navigator:

PART ID	DESCRIPTION
BOP 012	Splash plate, 2–8" pipes
BOP 050	Strap Mount Pipe Attachment Assembly



BOP 012
Splash plate



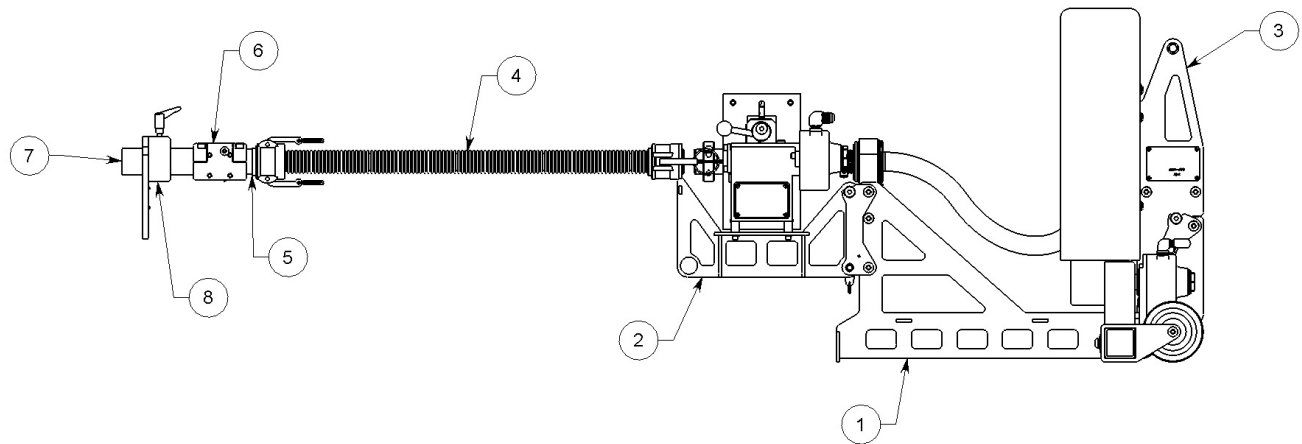
BOP 050
Strap mount assembly for pipes with no flange

STEP 5 MAINTENANCE RESOURCES

Tool manuals and maintenance videos are available on our website: WWW.STONEAGETOOLS.COM

For questions or help with a specific application, configuration or tool repairs, please contact StoneAge Customer Service.

NAVIGATOR COMPONENT VIEW



ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	NAV 110	BASE FRAME ASSEMBLY	1
2	NAV 120	DRIVE FRAME ASSEMBLY	1
3	NAV 130	DRUM FRAME ASSEMBLY	1
4	NAV 321	SNOUT, CORRUGATED, 1-1/4 CAMLOCKS, 6'	1
5	NAV 142	COLLET BLOCK CAMLOCK ADAPTER	1
6	COLLET BLOCK ASSY	PRODRIVE COLLET BLOCK ASSEMBLY	1
7	BOP 081-6	SNOUT TUBE 1.75 x 6 SS	1
8	BOP 010-2-4-QTR	QUARTER PLATE BOP	1

