AUTOBOX ABX-PRO
Automated Hose Tractor for Small Pipe Cleaning

9.25 in.   235 mm

10 in.   254 mm

7 in.   178 mm
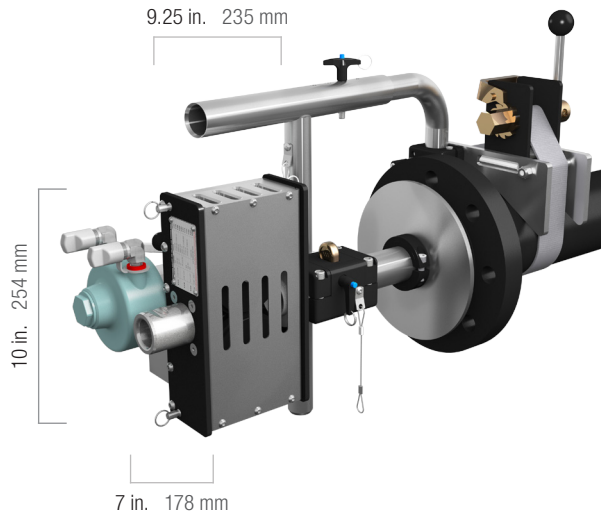
OVERVIEW

The AutoBox ABX-PRO is a hose feed device engineered to quickly and safely clean a broad range of small pipe configurations with or without a flange. The system is lightweight, portable, and highly adaptable, making it the perfect tool for limited access applications.

The ABX-PRO is designed with multiple mounting options allowing it to be used with a variety of pipe sizes and configurations. The system also includes a lightweight control box for increased safety and mobility.

FEATURES	BENEFITS
• Ultra portable system design	• At 25 lbs (11 kg), the ABX-PRO is ideal for limited access applications
• Interchangeable rollers	• Accommodates multiple hose sizes • A single system can handle a wide range of tube/pipe/drain cleaning applications • Less equipment to buy
• Adjustable forward and reverse feed rate to customize dwell time	• Consistent controllable cleaning in both directions • Better results in less time
• Multiple mounting options for pipes with or without a flange	• Quick set-up in a variety of application environments • Bid on more types of jobs
• Ergonomic control box	• Operate all features from outside the blast zone for safety and better line of sight
• Built in back-out preventer and splash guard	• Increases job site safety
• Optional snout	• Enables quick, easy setup for challenging or unique applications

STONEAGE

ENGINEERING THE POWER OF WATER

AUTOBOX ABX-PRO OVERVIEW

CONSIDERATIONS

- What size pipe are you cleaning?
- What size hose/collet will be used?
- Will you mount the system to a pipe flange or use a strap mount?
- Will you require a tube or snout to connect to the pipe?
- Will you require a splash plate?
- The AutoBox ABX-PRO is well suited for use with Beetle and 2" Badger tools.

TOOL SPECIFICATIONS

MODEL	ABX-PRO
Pipe Size	2–8 in. 51–203 mm
Feed Rate	0.2–2.5 ft/sec 61–762 mm/sec
Hose Size	3/2–8/4, 3/8 Rubber Covered
Dimensions	7 in. x 9.25 in. x 10 in. 178 mm x 235 mm x 254 mm
Weight	25 lbs 11.3 kg

Visit our website for tool resources including operation and maintenance videos:

WWW.STONEAGETOOLS.COM

AUTOBOX ABX-PRO CONFIGURATION

Control Box
with removable
control panel

Strap Mount
with splash plate
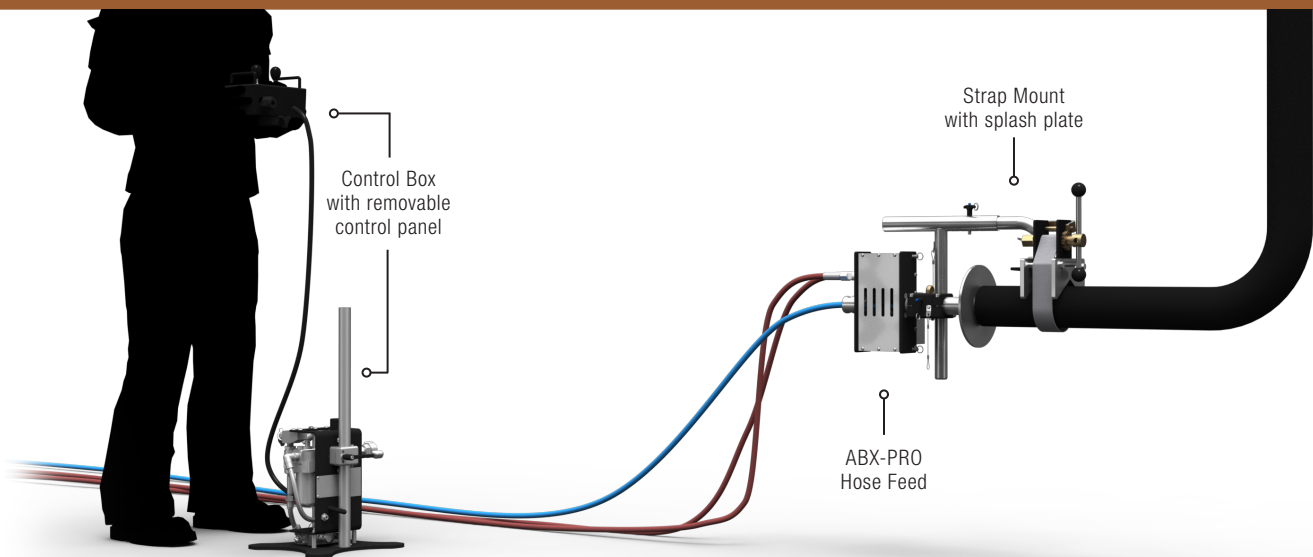
ABX-PRO
Hose Feed

A complete AutoBox ABX-PRO configuration requires the following components:

1. Hose feed tractor with collet block and rollers
2. Hose stop collet of appropriate size
3. Flange mounting plate or strap mount assembly
4. Control box

The following items may also be requested:

• Additional rollers/collets for different hose sizes
• Snout or snout tube
• Splash plate

AUTOBOX ABX-PRO CONFIGURATION

ORDERING THE PACKAGE

StoneAge offers a preconfigured base package for the AutoBox ABX-PRO that can be ordered in a single Part ID. Optional items can be ordered separately.

The following table shows the configuration of the base package:

PACKAGE PART ID	PACKAGE CONTENTS
ABX-PRO-100-PKG	1 x **ABX-PRO-100** Hose feed system assembly
	1 x **ABX-PRO** Hose feed tractor assembly
	1 x **PRO 174-46-K** 0.46" Roller Kit (installed)
	1 x **BOP 030** Collet block assembly
	1 x **BOP 010-2-4-QTR** Quarter Plate Assembly, 2-4" Pipes
	1 x **BOP 050** Strap mount assembly
	1 x **BOP 081-6** Tube snout, 6"
	1 x **BOP 012** Weldment, Splash Plate
	2 x **PRO 174-34** 0.34" Roller
	2 x **PRO 174-58** 0.58" Roller
	1 x **FF 121-**XXX* Hose stop collet
	1 x **CB-ABX-PRO-100-P** Control box, Pedestal

*Specify collet size based on hose

Roller Options

PART ID	DESCRIPTION
PRO 174-34-K	Kit, Roller, Poly Urethane, .34 (2 rollers)
PRO 174-46-K	Kit, Roller, Poly Urethane, .46 (2 rollers)
PRO 174-58-K	Kit, Roller, Poly Urethane, .58 (2 rollers)
PRO 174-89-K	Kit, Roller, Poly Urethane, .89 (2 rollers)
PRO 174-34	Single Roller, Polyurethane, .34
PRO 174-46	Single Roller, Polyurethane, .46
PRO 174-58	Single Roller, Polyurethane, .58
PRO 174-89	Single Roller, Polyurethane, .89

Collet Options

PART ID	DESCRIPTION
FF 121-297	Hose Stop, Collet Style, Single, .297
FF 121-406	Hose Stop, Collet Style, Single, .406
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
FF 121-547	Hose Stop, Collet Style, Single, .547
FF 121-594	Hose Stop, Collet Style, Single, .594
FF 121-625	Hose Stop, Collet Style, Single, .625
PRO 621	Kit (Standard), Collets, (1ea .297 - .516)
PRO 622	Kit (Extended), Collets, (1ea .297 - .625)

Other Options

| PART ID	DESCRIPTION
BOP 010-2-4-QTR	Quarter Plate Assy, 2in-4in
BOP 010-4-8	Flange Mount Plate Assy, 4in-8in
ABX-PRO	AutoBox Hose Feed Tractor Assy
BOP 012	Weldment, Splash Plate
BOP 030	Collet Block Assy
BOP 050	Strap Mount Assy
BOP 081-6	Tube, Snout, SS, 6in

ORDERING BY LINE ITEM

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

STEP 1 \ HOSE FEED TRACTOR

The AutoBox ABX-PRO tractor is the primary component of the hose feed system. The tractor comes stocked with:

PART ID	DESCRIPTION
ABX-PRO	Hose feed tractor
PRO 174-46-K	0.46" Roller Kit (installed)
BOP 030	Collet block

BOP 030
Collet Block

ABX-PRO
Hose feed tractor,
rollers installed
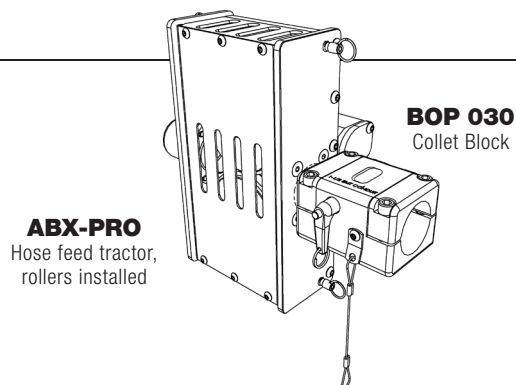
STEP 2 \ ROLLERS & COLLET STOPS

The AutoBox ABX-PRO hose feed assembly comes installed with 2 x Ø.46 rollers. Additional sized can be ordered separately or in kits of two. A collet stop is also required for most configurations. The hose OD determines the sizes needed to interface with the hose selected.

The table below describes recommended rollers and collets for common hose sizes:

ROLLER	HOSE OD	SPIRSTAR	PARKER	COLLET
PRO 174-34 Ø 0.34 in.	0.26–0.38 in.	3/2	2240D-02	FF 121-297
		3/4, 4/2	2240D-025, 2440D-02	FF 121-328
		3/6, 5/2	2240D-03	FF 121-406
PRO 174-46 Ø 0.46 in.	0.39–0.50 in.	4/4	2448D-025	FF 121-438
		4/6, 5/4, 6/2	2240D-04	FF 121-460
			2640D-025, 2740D-03	FF 121-484
		6/4	2440D-04	FF 121-516
PRO 174-58 Ø 0.58 in.	0.51–0.61 in.	5/6, 8/2	2240D-05, 2740D-03	FF 121-547
		8/4		FF 121-594
			2440D-05	FF 121-625
PRO 174-89 Ø 0.89 in.	0.80–0.93 in.	3/8" Rubber WB Hose		N/A

Please Note: A collet is required when using Banshee and 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.

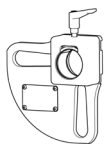.297 .328 .406 .438 .460 .484 .516 .547 .594 .625
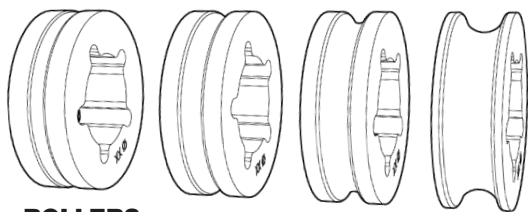
ROLLERS
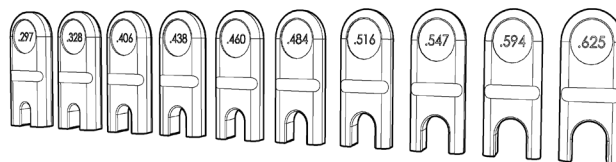
HOSE STOP COLLETS

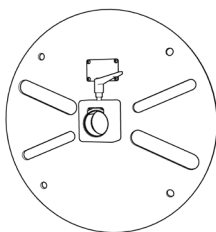# AUTOBOX ABX-PRO CONFIGURATION

MOUNTING OPTIONS

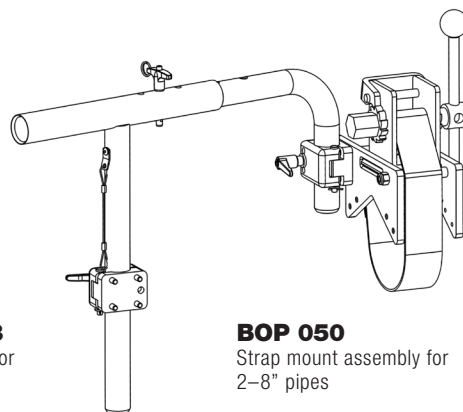Mounting options for the ABX-PRO system:

PART ID	DESCRIPTION
BOP 010-2-4 QTR	Flange mount/backout preventer, 2–4" pipes
BOP 010-4-8	Flange mount plate/backout preventer, 4–8" pipes
BOP 050	No-flange strap mount assembly, 2–8" pipes

BOP 010-2-4 QTR
Quarter flange mount for
2–4" pipes

BOP 010-4-8
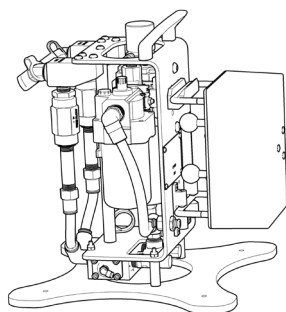Full flange mount for
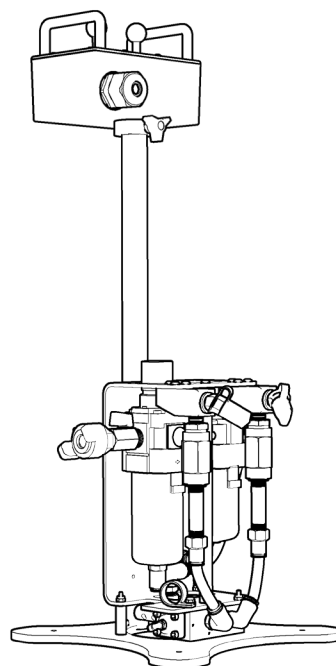4–8" pipes

BOP 050
Strap mount assembly for
2–8" pipes

STEP 4 **CONTROL BOX**

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

PART ID	DESCRIPTION
CB-ABX-PRO-100-P	Control Box, Pedestal
CB-ABX-PRO-100-S	Control Box, Side Latch

CB-ABX-PRO-100-S
Side latch style control box

**CB-ABX-PRO-100-P**
Pedestal-style control box

The following accessories are available for the AutoBox ABX-PRO:

| PART ID	DESCRIPTION
BOP 012	Splash plate, 2–8" pipes Used for deflecting effluent and rearward jets in larger pipes; attaches to the BOP 081-6 or similar tube
BOP 081-6	Snout Tube 1.75 x 6 SS Used to provide a flush or overlapping interface to the end of the pipe; clamps into the end of the BOP 030 collet block 304 stainless steel tube, 6" straight unthreaded
BOP 084	Snout Tube, 1.75 x 1.25 NPTM AL Used to adapt the BOP 090 Snout to your application; clamps into the BOP 030 collet lock or BOP 010 flange plate Aluminum tube with 1-1/4 NPT ends, 4" straight threaded
BOP 082-9-45	Snout Tube 1.75 x R9 x 45deg Used in place of the straight BOP 081-6 tube for alterative mounting options Galvanized steel with a 9 in bend radius and 45° sweep
BOP 085	Camlock, 1.25F x 1.25 NPTF Used in conjunction with the BOP 084 to interface the BOP 090 Snout 1-1/4 Female camlock end with 1-1/4 Female NPT
BOP 086	Camlock, 1.25M x 1.25 NPTF Used in conjunction with the BOP 084 to interface the BOP 090 Snout 1-1/4 Male Camlock end with 1-1/4 Female NPT
BOP 090	Snout, 6 ft pipe attachment Used adapting to tight spaces or moving the tractor away from the pipe interface Flexible corrugated SS, 1-1/4 camlocks included
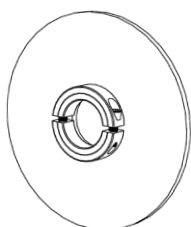
BOP 012
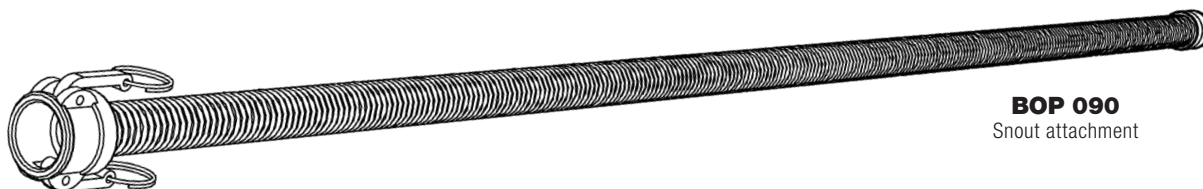Splash plate
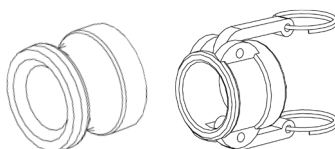
BOP 085, BOP 086
Camlocks, Female & Male NPT
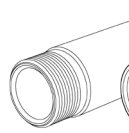
BOP 084
Threaded snout
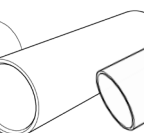
BOP 081-6
Unthreaded snout
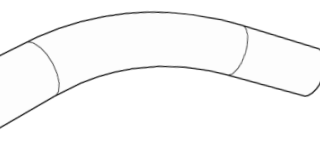
BOP 082-9-45
Curved snout

BOP 090
Snout attachment

STEP 6 \ **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.