

# ROTARY TOOLS CURVED PIPE CLEANING

## NEW

### 2" BADGER

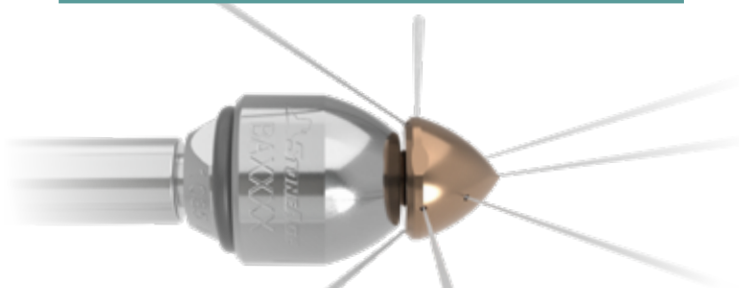
The 2" Badger is a self-rotating tool designed for cleaning 2–4 in. (51–102 mm) pipes with bends and long radius elbows such as U-Tubes and process lines.



- ✓ New drilled heads improve reliability over inserts while delivering the same power and life
- ✓ Three pre-drilled heads available – covering all of the pressure and flow configurations that contractors require
- ✓ Engineered for long term service with low cost head replacements and no bearings, seals or lubricants to maintain

### NEW UPGRADES:

The head design of the 2" badger has been updated, replacing the nozzle inserts with pre-drilled heads which greatly simplifies the jetting options and eliminates the need to repair inserts in the field while delivering the same cleaning performance and longevity as the original tool.



### BA-530 FAIRING

Specifically designed to be attached to the hose behind a 2" Badger rotary pipe cleaning tool.

The tapered sides of the fairing prevent the rear edge of the Badger from getting caught on obstructions when being removed from a pipe.



### 2" BADGER JETS

7 Ports: 1 @ 15°, 1 @ 30°, 1 @ 45°, 2 @ 90°, 2 @ 132°

TOOL	TOOL KIT	MANUAL
2" Badger	BA 612-LK	PL 593

TOOL MODEL	PRESSURE RANGE	FLOW RANGE	INLET CONNECTION	WEIGHT	MAX. WATER TEMPERATURE
BA-LKD-P4 BA-LKD-BSPP4	8–15k psi 552–1034 bar	7–16 gpm 26–61 LPM	1/4" NPT or 1/4" BSPP	0.45 lb 0.20 kg	250 °F 120 °C
BA-LKD-MP6R BA-LKD-MP9RL BA-LKD-MP9R	15–22k psi 1034–1500 bar	9.5–18.5 gpm 36–70 LPM	9/16" MP, 3/8" MP	0.45 lb 0.20 kg	250 °F 120 °C

## NEW

### 4" BADGER

The 4" Badger is a compact self-rotary nozzle with adjustable speed control capable of navigating 90 degree elbows in pipes as small as 4" (102 mm) in diameter.



- ✓ 5X longer run time
- ✓ New MP9R inlet reduces length for better navigation of bends
- ✓ Higher flow at 20K increases cleaning power
- ✓ Redesigned shape reduces hang-ups in the pipe

### NEW UPGRADES:

- 5X LONGER RUNTIME between maintenance intervals
- Redesigned braking system maintains consistent speed over longer duration
- Simplified overhaul and assembly
- New body shape allows for more effective navigation of bends and elbows and minimizes tool hang-up during removal

TOOL MODEL	PRESSURE RANGE	FLOW RANGE	INLET CONNECTION	ROTATION SPEED	WEIGHT
BAE-P6	5–15k psi 345–1034 bar	13–27 gpm 50–102 LPM	3/8" NPT	20–100 rpm (Slow Fluid) 75–250 rpm (Fast Fluid)	3.0 lbs 1.4 kg
BAE-BSPP6, BAE-MP9R, BAE-M24	5–22k psi 345–1500 bar	12–25 gpm 45–95 LPM	3/8" BSPP, 9/16" MP, M24	20–100 rpm (Slow Fluid) 75–250 rpm (Fast Fluid)	3.0 lbs 1.4 kg
BA-H6	22–44k psi 1500–3000 bar	4.5–12 gpm 17–45.5 l/min	3/8" HP Female	100–400 rpm	4.0 lbs 1.8 kg

### BACKOUT PREVENTERS

Increase safety by keeping the tool from backing out of the pipe. Several options are available including fixtures for small diameter pipes, pipes with various flange bolt circle diameters and adapters for pipes with no-flange entry.



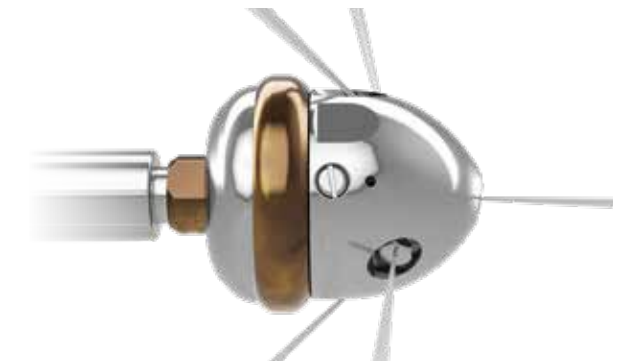
BJ 305



BJ 310

### NOZZLES AND PLUGS

The 4" Badger can be jetted in different configurations depending on the application. The image below shows the standard nozzle/plug configuration for the 4" Badger tool.



### 4" BADGER JETS

1 @ 15°, 2 @ 100°, 2 @ 135°

### MAINTENANCE RESOURCES

TOOL	ROTATION SPEED	SEAL KIT	SERVICE KIT	OVERHAUL KIT	DISK KIT	TOOL KIT
BA-P6 BAE-BSPP6 BAE-MP9R BAE-M24	Slow	BA 602	BAE 600-S	BAE 610-S	BAE 604	BAE 612
	Fast	BA 602	BAE 600-F	BAE 610-F	BAE 604	BAE 612
BA-H6	N/A	N/A	BAE 600-H6	BA 610-H6	N/A	BA 612-H6