

BADGER

HIGH PRESSURE ROTARY NOZZLE

SURFACE PREPARATION

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.

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



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

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
- ✓ Simple overhaul and assembly



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" MP9L, 9/16" MP9R, 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



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SURFACE PREPARATION

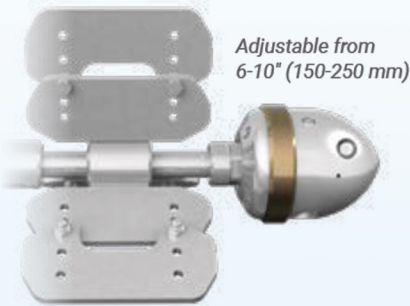
6" BADGER

The 6" Badger is a compact self-rotary nozzle with adjustable speed control capable of navigating 90 degree elbows in pipes as small as 6" (152 mm) in diameter.

- ✓ Different jetting configurations allow for more or less pull and forward hitting power
- ✓ Navigates elbows down to 6 in. (152 mm)
- ✓ Speed controlled rotary tools provide complete internal cleaning coverage and optimum jet delivery
- ✓ Maximize cleaning by choosing slower speeds for hard to clean or plugged pipes and faster speeds for polishing easy to clean pipes with a single tool
- ✓ Optimize the tool for a variety of pumps pressures and flows with multiple jetting options



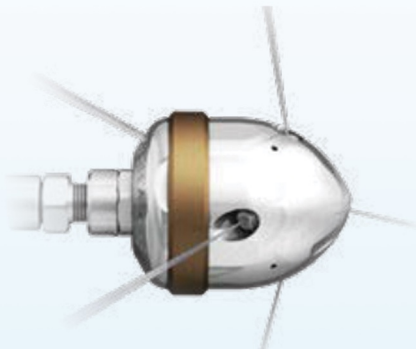
TOOL MODEL	PRESSURE RANGE	FLOW RANGE	ROTATION SPEED	INLET CONNECTION	WEIGHT	MAX. OPERATING TEMPERATURE
BA-P8	2-15k psi 140-1000 bar	15-55 gpm 57-208 l/min	50-300 rpm (Adjustable)	1/2" NPT	8.0 lbs 3.6 kg	250 °F 120 °C
BA-MP9/BA-M24	12-22k psi 840-1500 bar	14-43 gpm 53-163 l/min	50-300 rpm (Adjustable)	9/16" MP, M24	8.0 lbs 3.6 kg	250 °F 120 °C



BA 385 M9/P8

OPTIONAL CENTRALIZERS

Helps protect the tool as it passes through the pipe and balances jet standoff distance for more consistent cleaning. In cases where pipe size is more than 1.5 times the diameter of the tool, a centralizer is an important safety device, preventing the tool from turning around and thrusting backwards out of the pipe.



6" BADGER JETS

5 Ports: 1 @ 15°, 2 @ 100°, 2 @ 135°

NOZZLES AND PLUGS

The 6" Badger can be jetted in different configurations depending on the application. The image above shows the standard nozzle/plug configuration for the 6" Badger tool.



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.

