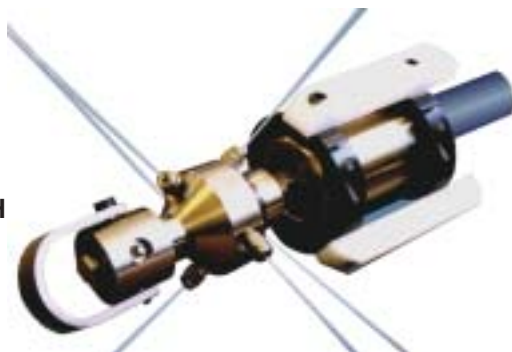


Pipe Centralizers

Designed for the **BJV-M** self-rotating nozzle, these centering devices can be adapted to others.

BJ 070 Skid Style

- Works well through elbows
- Fixed size plastic skids
- 6-12 in diameter skid sets available
- Fits 3" OD BJV-M, BJV-20K, & BJV-H
- Change size by replacing skids
- Clamps around BJV
- Approx 5 lb



6-Wheel Collapsing Style

- BJ 286-P12 3/4 npt, 15 Kpsi
- BJ 286-M12 3/4 MP, 20 Kpsi



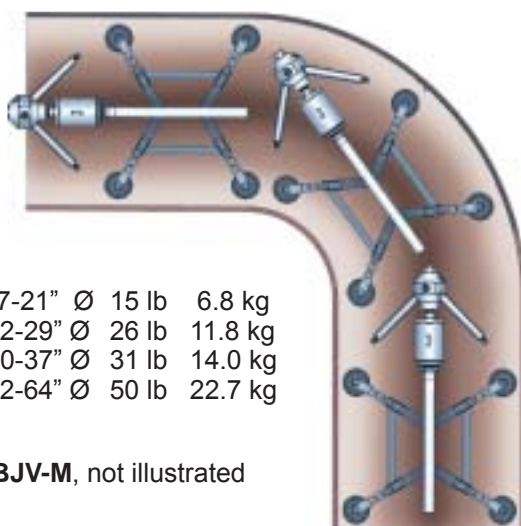
- For straight pipe runs only
- Adjustable aluminum frame
- Easily convertible 15 Kpsi - 20 Kpsi
- With tough plastic wheels

Three sizes available:

Small	9-18" Ø	13 lb	5.9 kg
Medium	13-37" Ø	23 lb	10.4 kg
Large	20-60" Ø	34 lb	15.4 kg

8-Wheel Welded Frame Style

- BJ 288-P12 3/4 npt, 15 Kpsi
- BJ 288-M12 3/4 MP, 20 Kpsi



Small	17-21" Ø	15 lb	6.8 kg
Medium	22-29" Ø	26 lb	11.8 kg
Large	30-37" Ø	31 lb	14.0 kg
*Extra Large	42-64" Ø	50 lb	22.7 kg

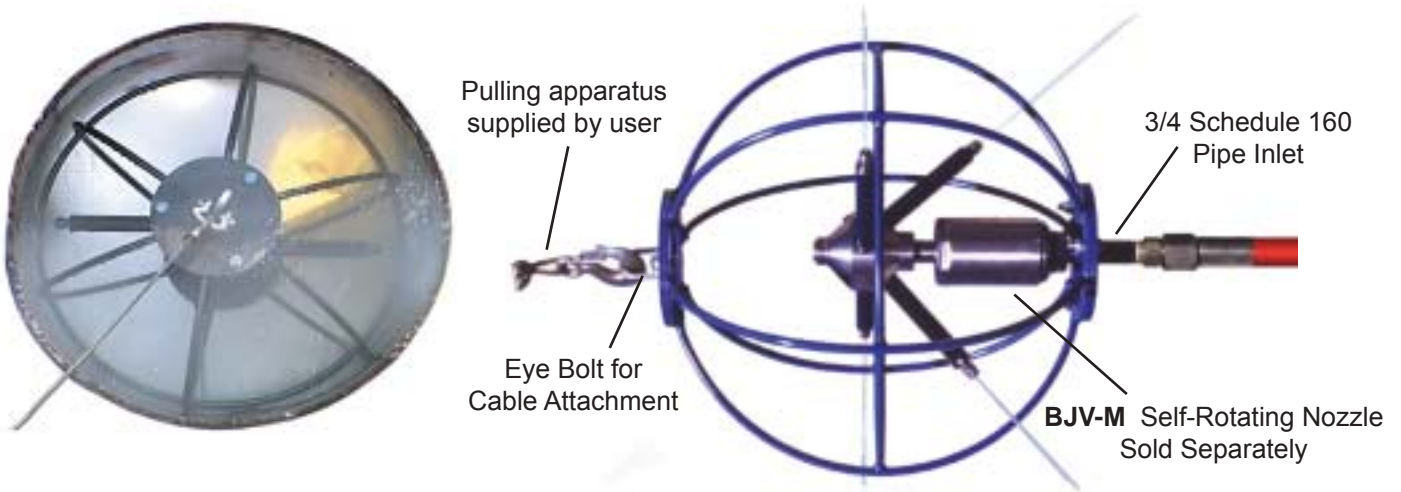
* BJ 289-XL Clamps to BJV-M, not illustrated

- Goes through elbows
- Adjustable steel frame
- Easily convertible 15 - 20 Kpsi
- With tough plastic wheels

Pipe Centralizers

Positioning devices are important to get the most out of your 2D nozzles!

Offers more uniform coverage. Allows use of extension nipples to create better jets and reduce standoff.



BJ 100-SS Ball Style

- Best to negotiate complex piping arrangements
- Handles built-up debris without stopping rotation
- Fixed 19.5" (49.5 cm) diameter
- Length 24.4" (61.9 cm)
- Maximum 6" extension nipple
- All stainless steel construction
- Weight 14 lb. (6.3 kg)

BJ 150 for BJV-20K

BJ 097 X Style

- For stacks, and vertical ducts
- Collapsible steel frame fits through manway
- Adjustable diameter
 - Extra Large 7 ft to 12 ft Ø 34 lb
 - Large 5 ft to 7 ft Ø 28 lb
 - Small 3 ft to 5 ft Ø 21 lb
- With tough 4 in. diameter plastic wheels

