



NEW!

THE JETTING REVOLUTION IS HERE!

CUT LIKE THE REAPER™
AND CLEAN WITH THE POWER OF THE REVOLUTION™

The Revolution by Reaper™ builds on the cutting power of the Reaper, with the same front rotating stream and rear jets to clear the toughest blockages ...

But the Revolution goes a step further adding dual rotating center streams with powerful 360° cleaning power to completely clean and de-scale the inside of the pipe.



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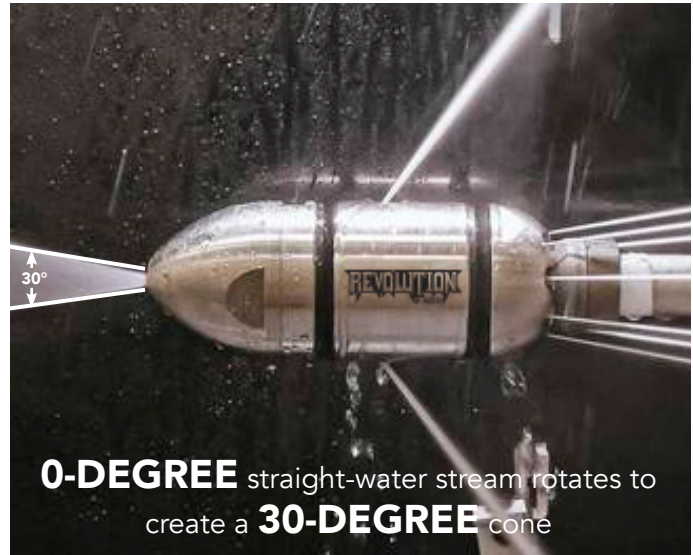


DESIGN FEATURES

- Built for 6" to 36" sewer pipes
- Greater impingement allows you to cut through blockages faster, completing more jobs in a day
- 360° rotating center jet provides superior cleaning power
- Stainless steel housing and tungsten carbide wear surfaces
- Field & shop repairable to extend life
- Spray angles of rear jets optimized for maximum pulling, thrusting, and cleaning power

3X MORE DEBRIS REMOVED

The Revolution nozzle removes nearly 3 times more debris on the first pass when tested against competing nozzles.



SPRAY CHARACTERISTICS

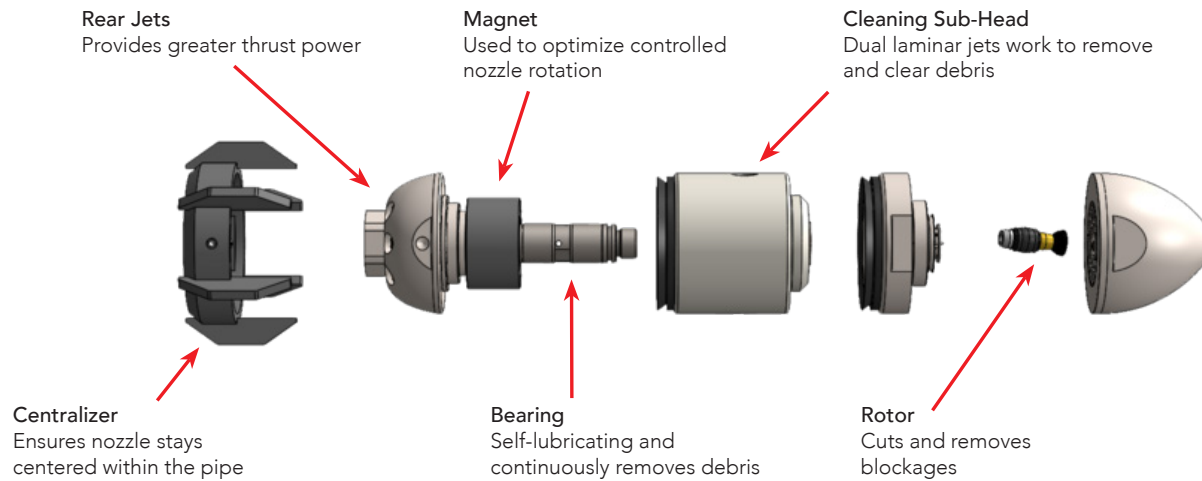
- Front Jet Spray Angle: 30-degree
- Center Jet Spray Angle: 57-degree
- Rear Jets Spray Angles: 10-degree angle
- Flow Rates: 40, 60, and 80 GPM
- Inlet Pressure: 1,000 – 2,500 PSI



APPLICATIONS

- Municipal Sewer Cleaning
- Paraffin Wax Removal
- FOG Removal
- Root Removal

EXPLODED VIEW



SAVE TIME AND MONEY

Rather than using one nozzle to clear blockages and another to clean the pipe, the Revolution does it all at once to help you work faster and save time.



LAST LONGER AT CONSISTENT SPEED

Built with premium materials to outlast the competition and a 360° rotating center jet that stays at a consistent speed throughout the nozzles life.



"Our operators were impressed by the nozzle's performance. It is EXCELLENT at cleaning the pipe walls. This nozzle is now our first choice for pre-jetting for CCTV inspections."

Andy Keller
CSD - Big Bear City

25% LESS WATER

The Revolution is proven to use at least 25% less water than competing nozzles.



SEWER JETTING NOZZLE

SPECIFICATIONS

Minimum Inlet Pressure	1,000 PSI (69 bar)
Maximum Inlet Pressure	2,500 PSI (172 bar)
Flow Range	40-80 GPM (152-303 LPM)
Outside Diameter	3.5 in (89 mm)
Overall Length	8.5 in (216 mm)
Weight	15 lbs
Maximum Water Temperature	180°F (+82°C)

Housing Material	Stainless Steel
Nozzle Tip & Seat Material	Tungsten Carbide
Inlet Connection Thread	1" NPT
Rotation Speed	100-200 rpm
Front (Rotating) Spray Angle	30°
Center (Rotating) Spray Angle	57°
Rear (Static) Spray Angle	10°

REVOLUTION BY REAPER NOZZLE - IDEAL FOR 6" - 36" OR 152MM - 914MM PIPES

NOZZLE SIZE	1" NPT NOZZLE PART NUMBER	1" BSPP NOZZLE PART NUMBER	FRONT ROTOR REPAIR KIT PART NUMBER	CENTER (ROTATING) NOZZLE KIT PART NUMBER	REAR JET REPAIR KIT	FLOW RATE CHART			
						@1,000 PSI (69 Bar)	@1,500 PSI (103 Bar)	@2,000 PSI (138 Bar)	@2,500 PSI (172 Bar)
40.0	1003417-400	1003580-400	1003029-180	1003576	1003575-400	23.0 GPM (LPM)	28.2 GPM (LPM)	32.5 GPM (LPM)	36.4 GPM (LPM)
60.0	1003417-600	1003580-600	1003029-180	1003576	1003575-600	33.0 GPM (LPM)	40.4 GPM (LPM)	46.7 GPM (LPM)	52.2 GPM (LPM)
80.0	1003417-800	1003580-800	1003029-180	1003576	1003575-800	45.0 GPM (LPM)	55.1 GPM (LPM)	63.0 GPM (LPM)	71.2 GPM (LPM)

