



## ROTATING SEWER JETTING NOZZLE

### UNPARALLELED CUTTING POWER, UNRIVALED CLEANING

The Reaper™ Rotating Jetting Nozzle is designed and engineered specifically for water jetting applications including pipe cleaning and sewer jetting projects for the residential, municipal, industrial or contractor market.

**SUPERIOR PERFORMANCE**— The Reaper's rotating front jet is a 0-degree, straight water stream that blasts at up to 4000 PSI while rotating at an optimal speed to form a 24 or 30-degree cone of coverage. Reaper's rear jets create a 20-degree angle for maximum thrusting and pulling power.

**DURABILITY & RELIABLE** — These heavy-duty, high impact nozzles are constructed with stainless steel housing and tungsten carbide wear surfaces to withstand harsh environments and provide longer life than ceramic nozzles.

**EFFICIENCY** — Optimized stream quality results in greater impingement which allows you to complete jobs faster, use one tool for various applications (cutting, cleaning, removal, etc.) and use smaller nozzle sizes while getting the same or better performance as nozzles with higher GPM flow rates.

**SERVICEABILITY** — The Reaper can be repaired in the field. Repair kits are available for extended life and lower operating costs.

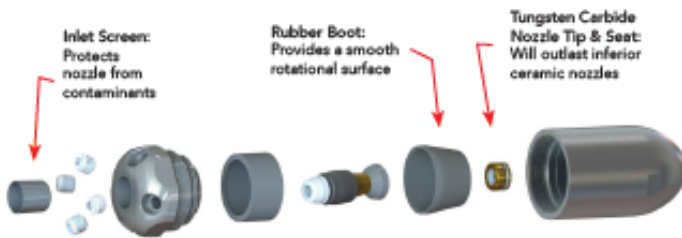


# REAPER™ ROTATING SEWER JETTING NOZZLE



## SPECIFICATIONS

Minimum Inlet Pressure:	1,500 PSI (103 bar)
Maximum Inlet Pressure 3/8" & 1/2":	4,000 PSI (276 bar)
Maximum Inlet Pressure 1":	3000 PSI (207 bar)
Maximum Water Temperature:	180°F (+82°C)
Housing Material:	Stainless Steel
Nozzle Tip & Seat Material:	Tungsten Carbide
Inlet Connection Thread:	3/8", 1/2", 1" FNPT
Front (Rotating) Spray Angle:	24° or 30°
Rear (Static) Spray Angle:	20°



## ACCESSORIES

### Dome Inlet Screens (10 Pack)

3/8" : 1003033



1/2" : 1003034

1" : 1003162

### Rear Jet Repair Kit

3/8" & 1/2"



1"



### Rotor Repair Kit



NOZZLE SIZE	NOZZLE PART NUMBER	ROTOR REPAIR KIT PART NUMBER	REAR JET REPAIR KIT	FLOW RATE CHART (GPM)					
				⊕ 1500 PSI	⊕ 2000 PSI	⊕ 2500 PSI	⊕ 3000 PSI	⊕ 3500 PSI	⊕ 4000 PSI
3/8" NOZZLE INLET - 24 DEGREE (IDEAL FOR 3" - 6" PIPES)									
6.0	1003031-060	1003029-060	1003030-060	3.7 GPM	4.2 GPM	4.7 GPM	5.2 GPM	5.6 GPM	6.0 GPM
9.0	1003031-090	1003029-090	1003030-090	5.5 GPM	6.4 GPM	7.1 GPM	7.8 GPM	8.4 GPM	9.0 GPM
12.0	1003031-120	1003029-1224	1003030-120	7.3 GPM	8.5 GPM	9.5 GPM	10.4 GPM	11.2 GPM	12.0 GPM
1/2" NOZZLE INLET - 30 DEGREE (IDEAL FOR 4" - 8" PIPES)									
12.0	1003032-120	1003029-1230	1003030-120	7.3 GPM	8.5 GPM	9.5 GPM	10.4 GPM	11.2 GPM	12.0 GPM
15.0	1003032-150	1003029-150	1003030-150	9.2 GPM	10.6 GPM	11.9 GPM	13.0 GPM	14.0 GPM	15.0 GPM
18.0	1003032-180	1003029-180	1003030-180	11.0 GPM	12.7 GPM	14.2 GPM	15.6 GPM	16.8 GPM	18.0 GPM
24.0	1003032-240	1003029-180	1003030-240	14.7 GPM	17.0 GPM	19.0 GPM	20.8 GPM	22.4 GPM	24.0 GPM
1" NOZZLE INLET - 30 DEGREE (IDEAL FOR 6" - 18" PIPES)									
40.0	1003155-400	1003029-180	1003163-400	28.2 GPM	32.5 GPM	36.4 GPM	39.8 GPM		
60.0	1003155-600	1003029-180	1003163-600	42.9 GPM	49.5 GPM	55.3 GPM	60.6 GPM		
80.0	1003155-800	1003029-180	1003163-800	52.7 GPM	60.8 GPM	68.0 GPM	74.5 GPM		