# BLUESTAR

# **Company Overview**

Sewer Pro Shop proudly distributes innovative, high quality sewer cleaning equipment, precision engineered by its parent company INTERSEWER and manufactured to the highest technical standards by ISO 9001:2008 certification in Germany. Our pride and success stem from the personal relationship we have forged and maintained over a period of more than 20 years with our loyal friends and customers in the sewer cleaning business.





# **Optimized 3D HYDRO MECHANICS**

BlueStar sewer cleaning nozzles are manufactured with Optimized 3D Hydro Mechanics.

That means, the water coming from the pressurized hose is smoothly turned around in the nozzle chamber trough semi-circular hydro mechanics by means of 5 axial CNC precision machining and guided directly into the nozzle inserts.

Most BlueStar nozzles are manufactured in one piece of highest safety rating.

BlueStar nozzles utilize case hardened steel / with stainless steel and ceramic nozzle inserts thus providing unrivaled cleaning efficiency and durability. As a result, most BlueStar nozzles can also be used with recycled water. 



## 7 Basic Categories

- 1. General Cleaning
- 2. Blockages / Obstructions
- ✤ 3. Spinning nozzles
- ✤ 4. Roots
- ✤ 5. Specialty tools
- ✤ 6. Storm Drains
- ✤ 7. Large Pipes





# **General Cleaning Nozzles**

- Traditional water jet angles: 7°, 12°, 15°, 18°, 25°, 30°, 36°
- Pipe size range 4" to 24"
- Common sewer pipes 6" to 12"
- > Stainless steel and/or Ceramic nozzle inserts
- > The use of ceramic nozzle inserts at Recyclers is absolute necessary



# BlueStar 3D nozzles with dual degree waterjet angles to be used for general cleaning

- ➢ 3D General Cleaning nozzle 15° and 25°
- > 3D Stealth nozzle small 12° and 18°
- Arrow nozzle w/ forward 0° / 15°, rear propulsion 23° Stainless steel- or ceramic nozzle inserts pipe size range Ø 6" – 12"

BlueStar 3D nozzles with single water jet angle thus providing higher trust

- > 3D Power Pull nozzle 7°
- > 3D Aluminum Power Pull 7° (for mountainous terrain)

> 3D Penetrator nozzle 12°
Stainless steel- or ceramic nozzle inserts
Pipe size range Ø 6" – 12"

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#### BlueStar 3D nozzles to remove heavy blockages / obstructions **BLUE STAR**

- > Spear nozzle 0° / 15° / 23°
- ➢ Raptor nozzle Ø 25°
- > Stainless steel or ceramic nozzle inserts Pipe size  $\emptyset$  8" – 24"

Specialty BlueStar 3D nozzles

> 3D Anti Blower nozzle 36° to prevent blowing out toilets Stainless steel – or ceramic nozzle inserts Pipe size  $\emptyset$  6" – 12"







# BlueStar 3D Spinning nozzles to remove mineral deposits, grease etc.

- Semi speed controlled Typhoon spinning nozzle 360° cleaning Stainless steel construction, no lubrication required Radial ceramic nozzle inserts for spinning 90° / 85° Ceramic nozzle inserts for propulsion 25° Pipe Size Ø 6" – 12"
- Semi speed controlled Twister nozzle 360° Stainless steel construction, no lubrication required Radial ceramic nozzle inserts for spinning 60° / 12° Ceramic nozzle inserts for propulsion 18° Pipe size Ø 4" – 24"





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#### BlueStar Chain Cutters Heavy Roots, Mineral Deposits, Calcified Grease Removal

- Raptor Chain Cutters with Rigid Guide skids <sup>1</sup>/<sub>2</sub>", <sup>3</sup>/<sub>4</sub>" and 1" hose connection
- 1/2" 4" & 6" Rigid guide skid 3/4" - 6" & 8" Rigid guide skid
- Raptor chain cutter with flexible guide skid Skid, continuously adjustable in 1/16" increments 6" – 12"

Viper Chain Cutter With Adjustable Guide Skids

Small 10" – 15" sewer lines Medium (Standard) 15" – 28" sewer lines Large 28" – 48" sewer lines

Always remember, all BlueStar Chain Cutters have to be fully inserted into the pipe before starting the job. The replacement chain to be adjusted 1/2" from wall of pipe. Low maintenance, no Lubrication required!

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### **BlueStar Milling Cutters**

Application:

- Removal of Tuberculation from cast iron pipes
- Removal of tough obstructions such as concrete, mineral deposits, calcified grease and collapsed liners
- In order to avoid pipe damage, it is important that the right-sized BlueStar milling cutter is chosen before starting the job.
- ✤ Milling cutters are available for 4", 6", 8", 10", 12", 15", 18" and 20" sizes
- The stainless steel drives of BlueStar Milling cutters aren't operated by percussion but uniform forward propulsion. They don't need lubrication, ensuring years of low maintenance and can be operated with recycled water as well
- The 6" and 8" BlueStar milling cutters can easily be converted to Barrel cutters to cut protruding laterals

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Cleaning Large Sewer- And Storm Drain Pipes From Sand, Silt, Sludge etc.

BlueStar Emperor nozzle with dual water jet angles  $15^{\circ} - 30^{\circ}$ 



BlueStar Bigfoot nozzle with 8 – 14 ceramic nozzle inserts in the rear manifold Available as tandem t clean large culverts

