

For our OEM customers Sy-Klone does much more than simply provide the best built, most efficient, reliable, & warranted for 5,000 hours, Atmospheric Ejective Air Precleaner available in the worldwide marketplace.

Sy-Klone provides a series of on-going support services to ensure system performance and compatibility with each OEM application.



**Services available to OEMs include:**

**-Technical Support:**

Installation and operating assistance via telephone and email.

Application Bulletins and support manuals.

- Sy-Klone web site with online sizing by engine or machine.

- Field service and training support.

- Sales and Training CD-ROM.

- On-going engineering support to ensure system performance and compatibility with most applications.

**Engineering Support:**

Adaptation Design and installation review.

2D and 3D Part Drawings, both hard copy and electronic format.

**Air Test Lab Services:**

Air intake system restriction testing.

Air filter efficiency, restriction, and air filter life expectancy test.

Precleaner efficiency, restriction and air filter life extension testing.

Standard tests can be specifically tailored to meet customer needs.

Complete confidentiality of test information.

Detailed testing plans, procedures and reports provided with each test.

- Convenient order placement by EDI, fax, or email.

- Adaptation materials to ensure the correct product is installed and working on your customer's machines.

**SY-KLONE**  
INTERNATIONAL, LTD.

For more technical information, contact Sy-Klone Engineering and Technical Support at 1-800-351-8265, fax (904) 448-6626, email support@sy-klone.com or visit us at www.sy-klone.com



# THE CRITICAL CHARACTERISTICS TO DEMAND FROM YOUR PRECLEANER...

*Does Yours Have Them?*

**Interlam**

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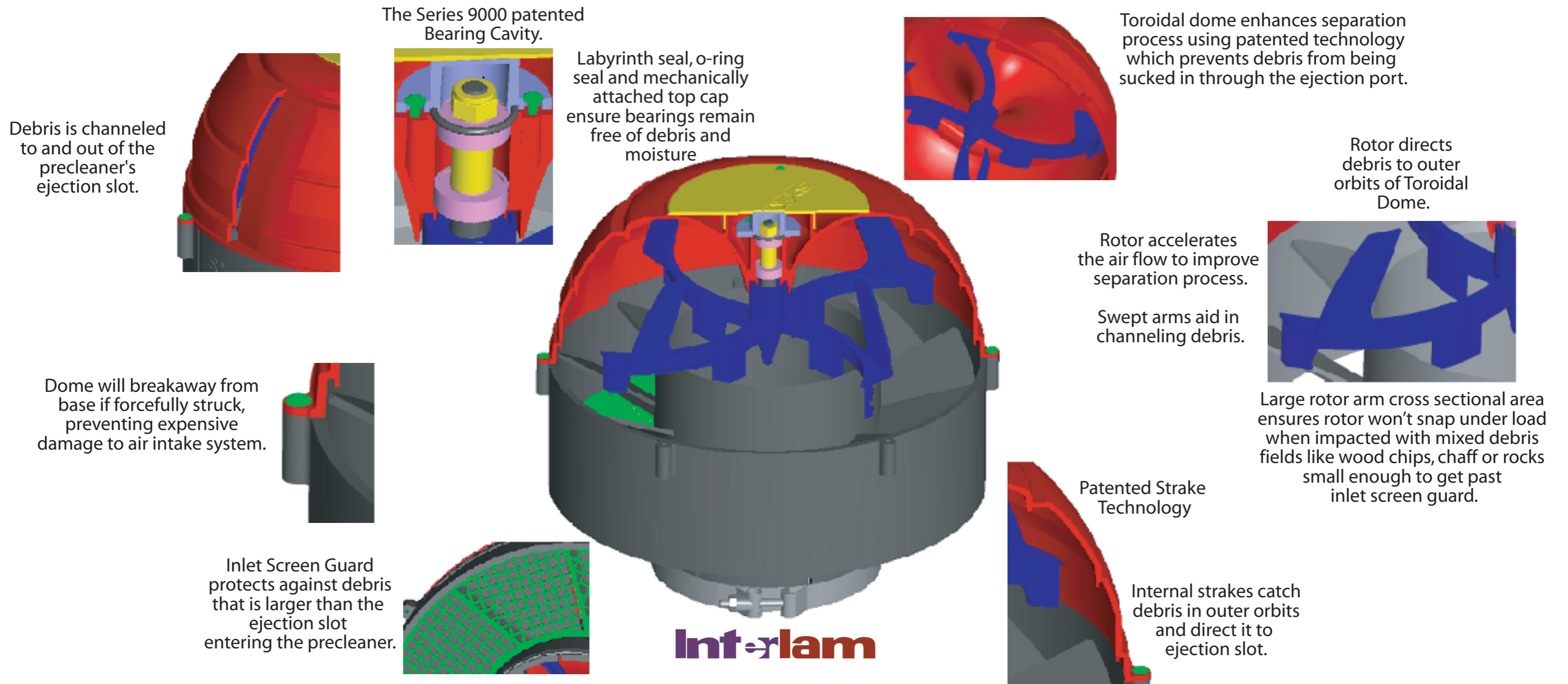
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**SY-KLONE**  
INTERNATIONAL, LTD.

# Sy-Klone Series 9000 Ejective Air Precleaner



Debris is channeled to and out of the precleaner's ejection slot.

The Series 9000 patented Bearing Cavity.

Labyrinth seal, o-ring seal and mechanically attached top cap ensure bearings remain free of debris and moisture

Toroidal dome enhances separation process using patented technology which prevents debris from being sucked in through the ejection port.

Rotor directs debris to outer orbits of Toroidal Dome.

Rotor accelerates the air flow to improve separation process.

Swept arms aid in channeling debris.

Dome will breakaway from base if forcefully struck, preventing expensive damage to air intake system.

Large rotor arm cross sectional area ensures rotor won't snap under load when impacted with mixed debris fields like wood chips, chaff or rocks small enough to get past inlet screen guard.

Inlet Screen Guard protects against debris that is larger than the ejection slot entering the precleaner.

Patented Strake Technology

Internal strakes catch debris in outer orbits and direct it to ejection slot.

**Int-lam**

**MATERIAL:** Your precleaner should be made from a high-quality, non-reflective, non-corroding material. The Series 9000 Ejective Air Precleaner is mold injected from black, Nylon 6-6. This material was chosen for many reasons including its limited reflectivity, its ability to survive the "Shake & Bake" tests and its proven durability in all weather and environmental conditions

**SIZE:** Your precleaner should deliver maximum performance while occupying the smallest amount of space. The Series 9000 Ejective Air Precleaner is designed with size in mind. We understand that every inch above the hood-line impacts visibility and every inch below the hood-line costs money. Using our on-line sizing wizard, you are assured to find the best Series 9000 precleaner for your application.

**DURABILITY:** Your precleaner should operate under extreme conditions for an extended period of time. The Series 9000 Ejective Air Precleaner isolates the bearings in a patented bearing cavity designed so the most critical parts remain protected against dirt and moisture that would cause them to fail. Overlooking this feature will cost you in the long run.

**PERFORMANCE:** Your precleaner should be designed to perform in "the real world" not just in the lab. The Series 9000 Ejective Air Precleaner has been tested by the Southwest Research Institute and has delivered unmatched performance in the field. The Series 9000 has demonstrated it can handle the mixed debris your machine operates in every day without losing its performance edge.

**TECHNOLOGY:** Your precleaner should be built with the tools to get the job done in the design. The Series 9000 Ejective Air Precleaner is built just that way. From the toroidal dome which enhances the separation process to the internal strakes directing debris out of the precleaner, to the breakaway dome designed to prevent expensive damage to the air intake.

**EXTRAS:** Your precleaner should protect your machine and give you peace of mind. Sy-Klone backs every precleaner with a 2,000 hour warranty and provides customer support via phone and the web. Additionally our engineers work with all the top OEMs to ensure our precleaners work on your machines the way we say they will.