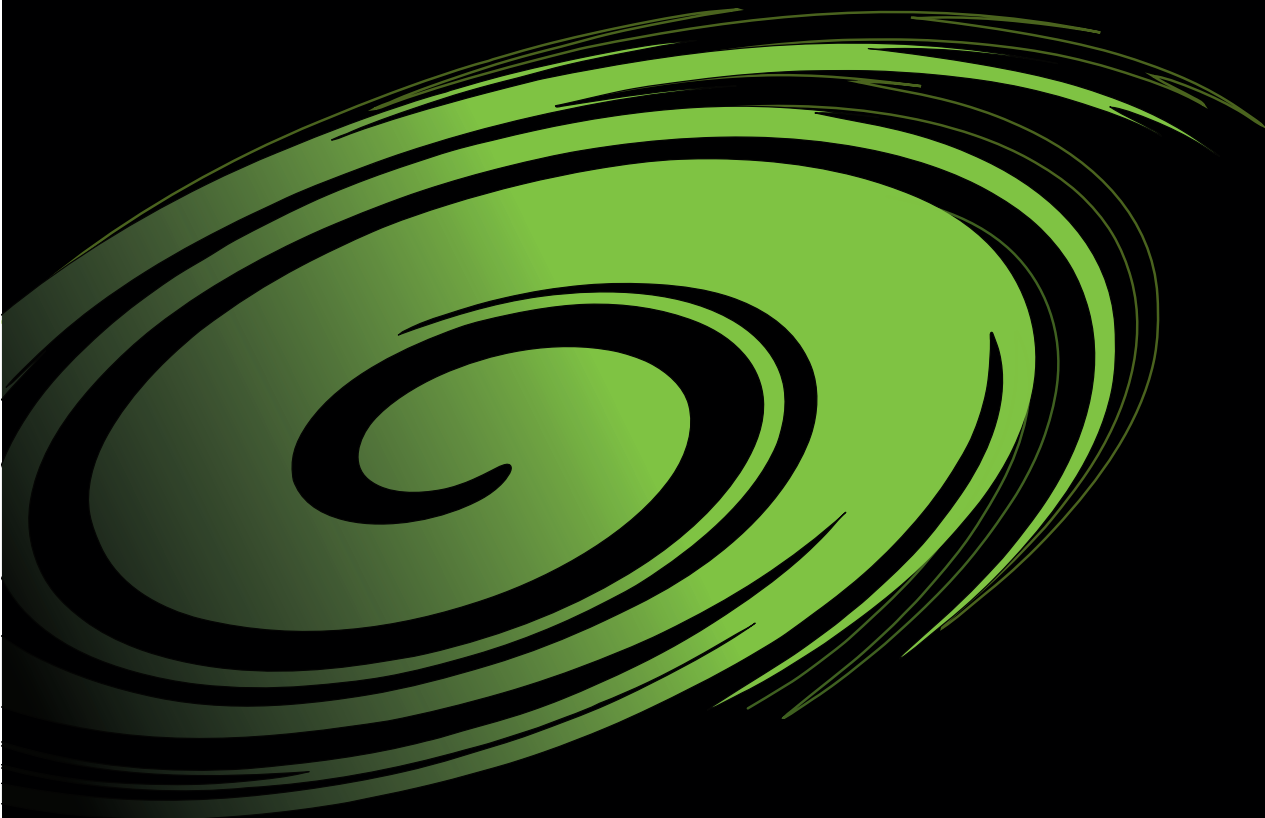




# Typhoon™

*Positive-Feed Drill Lubrication*



# Typhoon™ *Positive-Feed Drill Lubrication*



Easy to connect coaxial hoses ▶

- Reliable, consistent lubricant application to both the cutting tool & air motor
- Independent adjustment of fluid & air

## Portable, Automatic Lubrication

### For Aerospace Drilling

From the instant you pull the air tool's trigger, the dual output Typhoon™ delivers the proper amount of lubricant to protect both your cutting tool and the air motor. Its compact design, built-in hose storage, and ergonomic handle make the Typhoon™ easy to transport and operate. Simple, independent adjustment of air and fluid flow rates means the system can provide proper lubricant for a broad variety of different cutting tools and materials.

The Typhoon™ system is engineered to integrate into operations where compressed air economy is a concern. It features a proprietary air flow sensor with minimal pressure drop to conserve compressed air and maximize tool power.

- Portable design & comfort-grip handle
- Tough, durable construction
- Low pressure drop
- Works with both oil & water-based cutting tool lubricants

## Unist's 4<sup>th</sup> Generation Typhoon™

### Ensures reliable lubrication for demanding applications

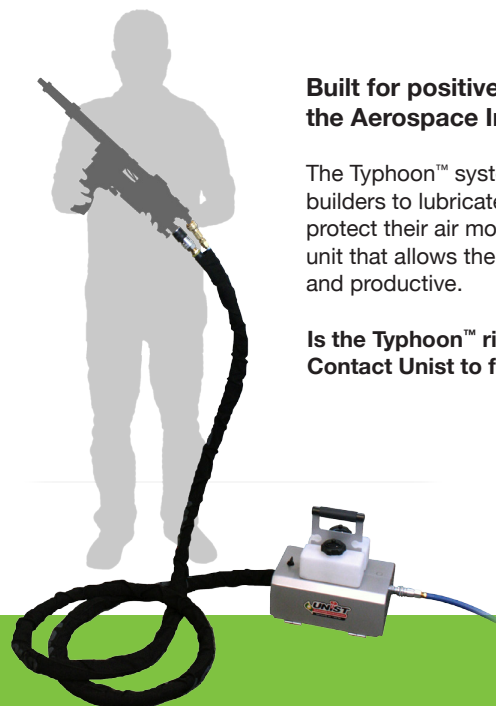
The Typhoon™ was originally designed in the 1980's when Unist provided systems for the Rockwell B-1 Lancer program. Since then, the Typhoon™ has evolved to keep pace with the demands of aerospace airframe drilling. The pneumatic positive and peck-feed drill systems used in these applications must endure constant use and deliver top performance in an industry where precision is critical.



### Built for positive-feed drills in the Aerospace Industry

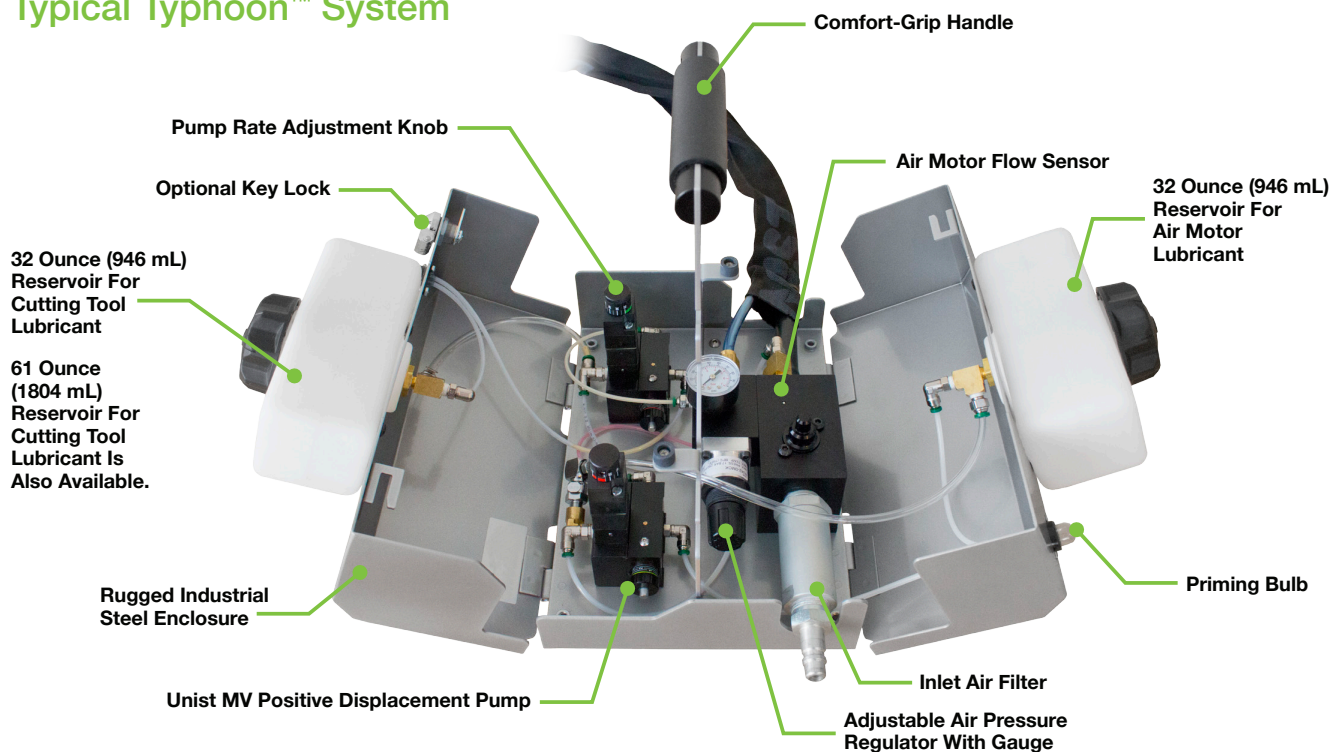
The Typhoon™ system allows airframe builders to lubricate their drills and protect their air motors in one portable unit that allows them to stay mobile and productive.

**Is the Typhoon™ right for your air tool?  
Contact Unist to find out!**



**LIFETIME PUMP WARRANTY**

Your Unist Typhoon™ System pumps are guaranteed for life when used exclusively with Unist Coolube® Lubricant

**Typical Typhoon™ System****Typhoon™ & Coolube®**

Unist's 100% natural, biodegradable Coolube® lubricant is the ideal cutting fluid for use with the Typhoon™ system. Coolube® is derived from renewable plant-based resources and contains no harmful VOC's, silicones, or petroleum products. When applied properly, Coolube® is consumed in the cutting process and leaves tools, materials, and chips clean and dry. As an added benefit, the Typhoon™ system's pumps are guaranteed for life when Coolube® is used exclusively!



USDA  
CERTIFIED  
BIOBASED  
PRODUCT

Coolube® is a  
USDA certified  
biobased product

**Smaller & More Compact Typhoon™ SP**

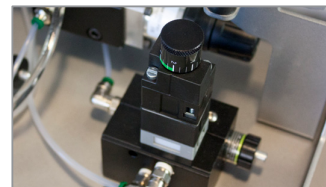
The Unist Typhoon™ SP system features all of the improvements of the recently redesigned Typhoon™ system, but in a smaller more compact package. The Typhoon™ SP is used for applications where lubrication is only required for the cutting tool. It features the proven and efficient Typhoon™ flow sensor and MV pump, but in a new rugged enclosure that is both more compact and lighter than the standard Typhoon™ system.



## Typhoon™ Features

### Easy Adjustment Of Air & Fluid Rates

The Typhoon™ system makes on-the-fly adjustments quick and easy with large, easy-to-read adjustment knobs for air and fluid.



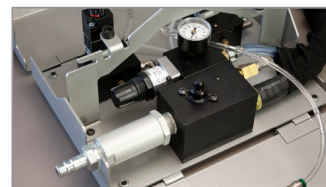
### Comfort-Grip Handle With Integrated Hose Storage

The Typhoon™ system has a durable, industrial strength comfort grip which makes the system easy to carry. The system's hose is easily wrapped around the unit and secured with built-in clips.



### Fully Integrated Flow Sensor & Air Pilot Valve

The system has a flow sensor and an air pilot valve integrated into manifold blocks to improve serviceability. A manifold mounted pressure regulator with gauge controls air flow to the cutting tool for increased accuracy and the ability to adjust for different tool sizes.



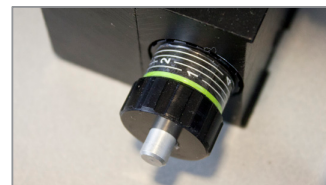
### Durable, Industrial Design

The Typhoon™ features a rugged design built to provide years of performance in tough conditions.



### Reliable Positive Displacement Pump

The Typhoon™ system is built around Unist's reliable MV pump which is built to dispense a wide range of fluids and to provide a long service life.



### Easy Priming Process

The Typhoon™ features a priming bulb for each pump making the priming process easy, quick, and clean.

