

Portable CO2 Grinding Cooling System

The DIT CO2 Carbon Dioxide “Cool Zip” Nozzle System provides powerful cooling for precision abrasive grinding applications.



The DIT CO2 Carbon Dioxide “Cool Zip” Nozzle System is beneficial for a variety of challenging precision abrasive grinding operations. Moreover, it improves performance in operations which are normally run dry. Perfect for smaller machine shops or applications with no machine enclosures as it eliminates splashing coolant. The DIT CO2 Carbon Dioxide “Cool Zip” Nozzle System is a flexible, high-performance cooling system that improves productivity and tool life while providing an environmentally friendly work area.

Suitable for materials such as:

- Titanium
- Steel
- High Nickel Alloys
- Composites
- Plastics
- (e.g. Teflon, Peek, etc.)

The DIT CO2 Carbon Dioxide “Cool Zip” Nozzle System is designed to work as a standalone grinding coolant system to replace or supplement traditional flooded coolant systems.

Standard Features

- One Spray Applicator
- Magnetic Flex-Mount
- 8 Foot Delivery Line
- Compact Size
- Small Footprint
- Unit Mounts on Top of Cylinder

Benefits

- No Coolant Mess on Grinders with No Enclosure
- Portable
- Light Weight
- Higher feed Rates
- Longer Tool Life
- Better Part Finish
- No Fluid Waste
- No Misting and Fogging
- Superior Heat Removal
- No Staining

Product Description

Spray Generator: Cooling spray generator with liquid CO2 inlet.

Spray Applicator: Single external applicator with magnetic mounting base, flexible nozzle tubes and spray nozzle.

Technical Specifications

Power	No power required
Weight	4.5 lbs.
Coolant Supply	Liquid CO2, 70° F, 832 psi (293 K, 5.7 MPa) Cylinder

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