



# ArcLub One

## Installation of ArcLub One on Heller H2000

ArcLub One can be easily retrofitted for through-tool delivery using **market-available components**



### 1. Specifications

- LCO<sub>2</sub> @ 70 bar, 22°C
- No need for any insulation
- Compatible with most modern spindles
- Minimal change to spindle
- High-pressure flood cooling can still be used
- Market-available CO<sub>2</sub>-specific components
- First LCO<sub>2</sub> compatible cutting tools soon on the market
- No need for additional cleaning

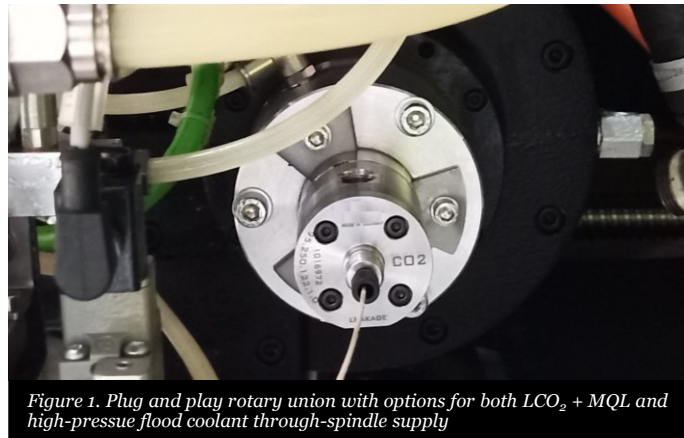


Figure 1. Plug and play rotary union with options for both LCO<sub>2</sub> + MQL and high-pressure flood coolant through-spindle supply



Figure 2. Preprogrammable settings for custom processes which require precise control over both cooling and lubrication.



### 2. Features

- Fully adjustable LCO<sub>2</sub> and MQL flow rates
- Automatic refill of MQL oil for uninterrupted machining
- Remote control over G-Code
- Preprogrammed settings for individual processes
- Works with all MQL lubricants
- Low energy consumption
- One system can serve multiple machines\*
- Higher LCO<sub>2</sub> pressures possible for maximum high-pressure effect\*
- Very low LCO<sub>2</sub> consumption possible (< 7 kg/h)

\*Custom solution, contact for more info

**ArcLub ONE**

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