

# HIGH-PRESSURE COOLANT SYSTEMS



**BOOST YOUR MACHINING EFFICIENCY WITH HIGH-PRESSURE COOLANT**

Experience superior performance with Hennig's high-pressure coolant technology. It keeps your cutting tools cooler, clears chips away more effectively, minimizes thermal distortion, and unlocks faster cutting speeds and feeds — all leading to higher productivity and enhanced surface finishes.

- **Targeted Chip Evacuation**  
Streamlined chip removal, ensuring a clean machining area
- **Improved Surface Finish**  
Smooth and more accurate surface finishes
- **Extended Tool Life**  
Improved lifespan of cutting tools, saving money on replacements and maintenance costs
- **Increased Throughput**  
Increase productivity with the ability to operate at higher cutting speeds and feeds





## ECOFLOW

### Reduce your cycle time.

Boost your machine's productivity with the Hennig EcoFlow Medium Pressure Coolant System. Its compact, easy-install design saves space and time, while its straightforward operation keeps maintenance simple. Perfect for most milling and turning applications, EcoFlow delivers reliable, cost-effective coolant performance.

| GPM (l/min) | PSI (bar)                                  |
|-------------|--------------------------------------------|
| 8 (30)      | up to 500 (34.4), <i>manual adjustment</i> |



## VARIFLOW

### Dynamically adjust the flow of coolant.

The VariFlow high-pressure coolant system delivers top-tier performance in a compact, cost-effective package. With adaptive flow control, it dynamically adjusts coolant flow to maintain your desired pressure—settable via the HMI or machine M-codes. This variable flow design reduces energy use, coolant foaming, and excess heat from fixed-flow pumps.

| GPM (l/min)  | PSI (bar)                                     |
|--------------|-----------------------------------------------|
| up to 8 (30) | 250 (17.2), 500 (34.4), 750 (51.7), 1000 (69) |



## ULTRAFLOW

### The ultimate high-pressure coolant pump for demanding applications.

The Hennig UltraFlow High-Pressure Coolant System is built for multi-spindle machines, multi-turret lathes, and other demanding applications that require maximum flow. It offers three pump configurations and dual 5-micron filtration, allowing filter changes without stopping production. A 70-gallon reservoir provides ample coolant capacity while keeping the footprint compact. Automatically adjusts coolant flow to maintain your target pressure—settable through the HMI, M-code, or CNC Macro Variables.

| Pump Options | GPM (l/min)     | PSI (bar)       |
|--------------|-----------------|-----------------|
| 16x1, 8x2    | up to 16 (60.5) | up to 1000 (69) |
| 8 x 1        | up to 8 (30)    |                 |



## CYCLOFLOW

### The perfect system for removing a variety of fines from cutting fluids.

The CycloFlow is a versatile, heavy-duty filtration system for machine tool coolants and other fluids. Its onboard pump draws from the coolant tank, passes fluid through a cyclonic filter, then through a large industrial-grade bag filter for maximum particle removal. Available as a permanent installation or a 115V mobile unit, CycloFlow combines compact size with powerful filtration—making it ideal for a wide range of applications.

| GPM (l/min) | PSI (bar) |
|-------------|-----------|
| 18 (68)     | n/a       |