

**M30-70**

**8 gpm @ 1000 psi**  
**(30 lpm @ 70 bar)**

**Designed for “Lights Out” 24/7 Production.**  
***Even in the most extreme applications!***

**NO FILTER CHANGES --- NO ANNOYING DOWNTIME**



- **Cyclonic Filter**  
*Media Free Filtration to 2 micron.*  
**NO MAINTENANCE REQUIRED**
- **50 Gallon (190 Liter) Tank**  
*Reduces heat, foam, & extends coolant life.*
- **Tank Cleanout Ports**  
*Tank access for maintenance.*
- **Available Casters**  
*Easy to move.*



ChipBLASTER<sup>®</sup>  
A Family of Integrated Machine Tool Accessories



ISO 9001



ISO 14001

13605 South Mosiertown Road, Meadville, PA 16335  
Phone: +1 (814) 724-6278 • Fax: +1 (814) 724-6287 • [www.chipblaster.com](http://www.chipblaster.com)

## M30-70 STANDARD CONFIGURATION

The ChipBLASTER M30-70 is fed by a transfer pump that draws from the machine tool sump, through the filter vessel to the integral 200 liter tank. When the machine tool calls for coolant; the high pressure pump draws the coolant from the ChipBLASTER tank, then pumps the coolant through a series of distribution and safety valves and on to the machine tool.

### Key Features of the M30-70

#### • Cyclonic Filtration

Media Free Filter achieves filtration to 2 Micron without the use of bag or cartridge filters. No maintenance or down time required.

#### • A Full Range of Safety Features

Safety Features insure a safe machining process without damage to the machine tool, the part, or tooling. We can meet or exceed all international requirements for operator and machine tool protection with integrated automatic overload protection as well as many alarm circuits.

### Designed to meet global electrical standards

#### SCCR – Short Circuit Current Rating

10kA – Standard

65kA - Automotive Standard-Optional

100kA – High SCCR design-Optional

**PELV – Protective Extra Low Voltage –**  
not more than 25vrms

**ALL 24VDC CONTROL CIRCUITS**

**EMERGENCY STOP STANDARD**

#### Meets Specifications:

NFPA 70, NFPA 79, UL 987, C22.2 No. 0 & 73  
C222. No. 14-13, C222. No. 14-95,  
Machinery Directives 2006/42/EC, 2006/95/EC,  
2004/108/EC

# ChipBLASTER®

A Family of Integrated Machine Tool Accessories

ChipBLASTER® High Pressure Coolant Systems

ChipCHILLER® High Performance Chillers

MistBLASTER® Super Efficient Mist Collection

SkimBLASTER® Oil Skimmers

CbCYCLONE 2 Micron, No Down Time Filtration

### Popular Options for the M30-70

#### •Extended Warranty

2, 3, 4, and 5 year parts warranty for your ChipBLASTER is available. (Your unit has a standard 1 year parts and labor warranty)

#### •Simple Low Cost Installation Kits

Installation kits allow “plug and play” installation. Engineered packages are available for most machine tools. Please contact ChipBLASTER for details.

#### • Built in oil skimmer

Multi chambered collection tank separates tramp oil from coolant. Built in timer prevents coolant loss.

