

# Chip **BLASTER**®

A Family of Integrated Machine Tool Accessories

# JVHP

**2 to 30 liters per minute  
(0.5 to 8 gpm)  
Pressure up to 210 bar  
(3000 psi)**

**Ideal for machine tools  
up to 15 kw (20hp)**

**480, 900, 1800 liter  
tanks options let you create  
“mini” central systems**



**380 liter/100 gallon tank is  
standard**

## *Optional Integrated Accessories*

**Mist **BLASTER**®**  
Super Efficient Mist Collection



**BLAST Veyor®**  
Self Cleaning Chip Conveyors

**Available in North  
America Only**



**Chip **CHILLER**®**  
High Performance Chillers



**Chip **BLASTER**®**  
High Pressure Coolant Systems

**Centra **BLAST**®**  
Self Filtering Pumps



**Skim **BLASTER**®**  
Oil Skimmers



ISO 9001



ISO 14001



**One installation, One connection!  
NO ADDITIONAL FLOOR SPACE!**

## JVHP STANDARD CONFIGURATION

The ChipBLASTER JVHP is fed by a transfer pump that draws from the machine tool sump, through the filter vessel to the integral 380 liter (100 gal) tank. When the machine tool calls for coolant, the filter pump(s) draws the coolant from the ChipBLASTER tank and pumps through the post (safety) filter to the inlet of the positive displacement pump. The coolant then flows at high pressure through a series of distribution and safety valves and on to the machine tool.

### Key Features of the JVHP

#### •Automatically Variable Volume

This is the “gold standard” for high pressure coolant systems! It automatically pumps just enough volume to maintain full pressure. Other systems pump a fixed rate that is always too much or too little causing foam, heat, and short filter life.

#### •Double Compression Filter Hold Down

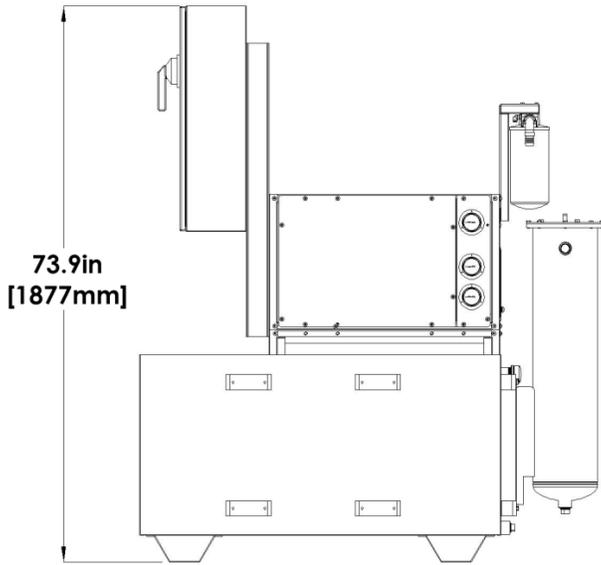
ChipBLASTER has created the most efficient bag filtration on the market today. Our double compression filter hold down lid protects both our system and the machine tool from contamination.

#### •ChipBLASTER’s Super Duty Pump

The Pump is designed for coolant. It is durable enough that we offer an optional 2,3,4, or 5 year warranty.

#### •Multiple Pressure Option

Pressure options can be pre-programmed to provide filtered flood coolant in addition to preset pressures of 20,35,50 and 70 bar (300,500,750, 1000 psi) standard or any pressure up to 210 bar (3000 psi).



### Popular Options for the JVHP

#### •Display (HMI)

Displays the current status of the ChipBLASTER and any faults. The PLC allows for display of the last 8 faults on the ChipBLASTER unit, as well as filter status, unit run time, and automatic “B” filter purges on units with automatic filter crossover.

#### •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)

#### •Dual Filters

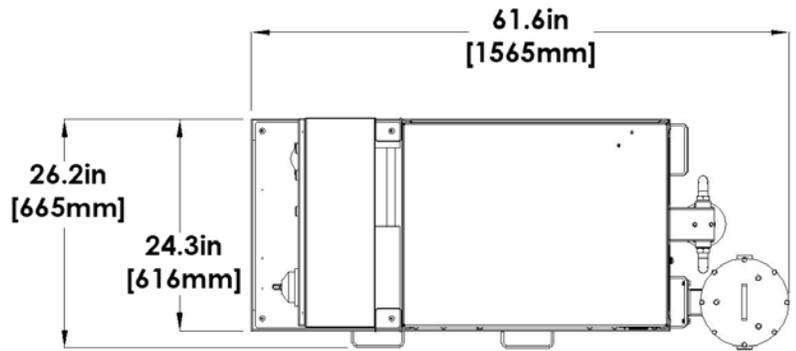
Allows filter changes "in-process" eliminating machine tool down time.

#### •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.

#### •Auto Filter Crossover

This system automatically will switch from dirty filter “A” to filter “B” and set off an alarm light alerting the operator that the filter needs to be changed at your convenience.



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ChipCHILLER® High Performance Chillers

MistBLASTER® Super Efficient Mist Collection

CentraBLAST® Self Filtering Pumps

SkimBLASTER® Oil Skimmers

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Distributor Label