



Master Fluid SOLUTIONS™

*Realize savings to your bottom line with
XYBEX™ PurifierPlus™ and ChipOut™*



**MAXIMIZE
PRODUCTIVITY
MINIMIZE
WASTE**



PurifierPlus™

Cutting Fluid Purifying System



The portable, cost-effective XYBEX PurifierPlus system pays for itself with material cost savings, reduced downtime and recycling costs. Not only does it enhance production and make the workplace cleaner, it also is better for employee health and the environment.

Unlike units which simply separate machine tramp oil (the unwanted byproduct of the machining/metalworking process) from coolant, PurifierPlus has an ozone disinfection function which kills bacteria. Not only is the coolant cleaned and lasts longer, it's purified and reused, and the subsequent problematic stench from bacteria and fungal growth is eliminated.

Improve production, reduce costs, and experience a cleaner workplace with PurifierPlus.

XYBEX PurifierPlus

- > Separates free tramp oil and extends coolant life
- > Reduces tool wear and costly parts rejects
- > Easy to use with a handy set-timer to operate on its own
- > Adjustable flow rate filter from 10 to 30 liters/minute
- > Kills bacteria (for best results run 1 hour for each 100 liters in sump; ozone function disinfects at 500 mg/hr)
- > Built-in pH detector (optional) adjusts pH to control range
- > Portable for use on multiple machines in the facility

PurifierPlus quickly pays for itself in savings

- > Saves 10% to 25% on annual coolant cost
- > Saves 30% to 50% on additional water cost
- > Saves 10% to 25% on tooling costs and part reworks
- > Reduces clean-up time 60% to 80% annually



Oil Collector:
collects
contaminated
coolant

Filters: filter
out impurities

Removal Unit:
separates oil
from water

Ozone Purifier:
separates oil
from water

Control Panel:
features
intelligent
settings

XYBEX™ PurifierPlus

Model	PurifierPlus
Machine size	410x520x880 mm
Net weight of machine	45 kgs
Capacity of machine	35 liters
Power supply capacity	Single Phase 220V AC 50HZ
Power consumption	1KWH of electricity per 24 hours
Filter specifications	0.4 mm max. particle
Pump flow	10-30 liters max.
Pumps caliber	3/8"
Machine outlet diameter	1"
Ozone value	500 mg/hr (produces 500 mg of ozone per hour)



ChipOut™ Chip & Sludge Remover



A perfect match-up with the PurifierPlus is the XYBEX ChipOut. It is also a compact, easy-to-use, affordable solution for optimizing production. It simply and effectively sucks out the coolant, chips, and swarf to collect and filter all solid impurities and return clean coolant to the tank.

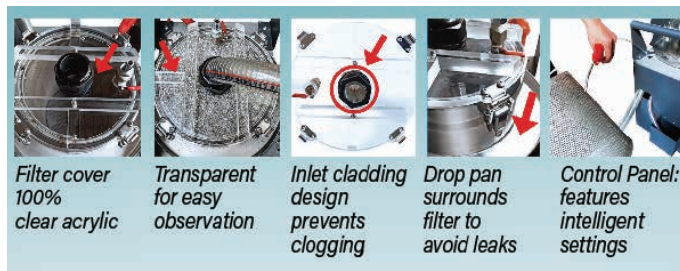
Get the most from your coolant with ChipOut. It literally pays for itself in no time with significant cost savings.

XYBEX ChipOut

- > Separates surface debris, bottom chips and swarf, and sediment from coolant
- > Extends coolant life
- > Improves surface finish on parts
- > Reduces maintenance
- > Uses diaphragm pump air pressure, no electricity required
- > High suction power, flow rate of 180 liters/min
- > Runs during production without shutting off machine tools
- > Adjustable stainless steel filters: standard mesh 380 microns; optional: 830 microns and 180 microns
- > Optional floating device for maximum tramp oil collection
- > Portable and easy to use with multiple machines
- > Operates with water-soluble coolants or neat oils

Cost effective ChipOut adds up to big savings

- > Reduces annual coolant cost
- > Reduces expensive parts rejects
- > Reduces maintenance to a minimum



Filter cover
100% acrylic

Transparent
for easy
observation

Inlet cladding
design
prevents
clogging

Drop pan
surrounds
filter to
avoid leaks

Control Panel:
features
intelligent
settings



ChipOut can be used
throughout the plant
to quickly and easily
remove chips and
sludge from coolant.

XYBEX™ ChipOut	
Model	ChipOut
Machine size	420x600x900 mm
Net weight of machine	56 kgs
Filter barrel capacity	10.5 liters
Pump capacity	90~180 liters/min Test with water
Air pressure	0.5 Bar~8.3 Bar (7.25Psi~120 Psi)
Filtration accuracy/standard mesh	380 µm
Filtration accuracy/optional mesh	830 µm, 180 µm
Filter material	304 stainless steel
Air-operated Diaphragm Pump	
Net weight	10 kgs
Liquid inlet & outlet	1" PT
Air outlet	3/8"
Lowest pressure	0.5 Bar (kgf/cm2)
Max. pressure	8.3 Bar (kgf/cm2)

Contact us

Let Master Fluid Solutions create a detailed, fact-based, customized analysis to prove just how much we can save your operation in time, material, and cost, while improving quality with the optimal fluid or fluid management solutions that are just right for your production.

For prices or additional information, contact your Master Fluid Solutions Representative.



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www.masterfluids.com/th/en-th/



Specifications may change without notice in the interest of product improvements.

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