



FILTRATION ASSESSMENT FORM

ROI
CALCULATIONS



Date: _____

Customer: _____

End User: _____

Salesperson: _____

Machine Make & Model: _____

Part material(s): _____

of Shifts Run: 1, 2, 3

Chip Conveyor Type: Drum Filter Box Filter Non Filtering / Chip Basket Only

NON-FILTERING CHIP CONVEYORS
OIL-BASED CUTTING FLUID
METAL PARTS + WATER-BASED COOLANT + FILTERING CHIP CONVEYOR

MP FILTRATION COMPATIBILITY CHART **MUST CHECK ALL BOXES TO QUALIFY**	
PURGE Best suited for <u>Moderate Volume</u> Production, Non sludge-like build-up. (Alternate filter media can improve effectiveness with presence of sludge)	
Machine Type	<input type="checkbox"/> Vertical Mill, Swiss, Vertical & Horizontal Lathes
Tank Capacity	<input type="checkbox"/> Up to 400L (100gal) *Larger tanks may require 2 units*
Material	<input type="checkbox"/> Various Metals, Ceramics, Composites
Conveyor Type	<input type="checkbox"/> Filtering Type, Non Filtering Type w/Chip Basket, or Chip Basket Only
Coolant Type	<input type="checkbox"/> Water Based Coolant, Cutting Oil
Max. Particle Size (downstream of conveyor and chip basket)	<input type="checkbox"/> Max. = 6mm (1/4")
CDR80 Best suited for removing metallic sludge in <u>High Volume</u> , Multiple Shift, Automated, or Lights Out Production.	
Machine Type	<input type="checkbox"/> Horizontal & Vertical Mills, Vertical Lathes
Tank Capacity	<input type="checkbox"/> 400-800L (100-200gal)
Material	<input type="checkbox"/> Cast Iron, Aluminum, Ferrous & Non-Ferrous Metals, Ceramics
Conveyor Required	<input type="checkbox"/> Filtering Type 500µm (.020") or lower
Coolant Type	<input type="checkbox"/> Water Based Coolant Only
Max. Particle Size (downstream of conveyor and chip basket)	<input type="checkbox"/> 95% below 800µm (1/32") Max. = 6mm (1/4")