

DYNAPRIME

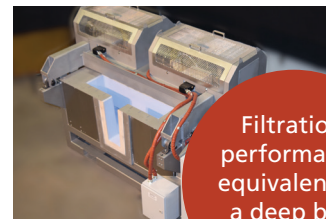
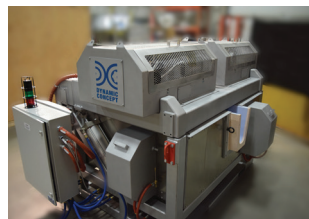
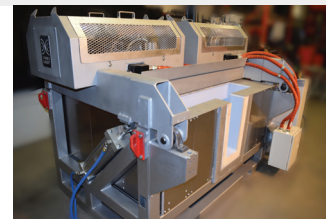
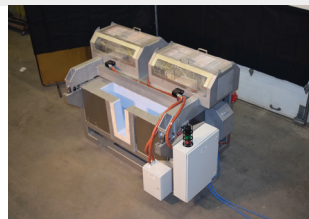
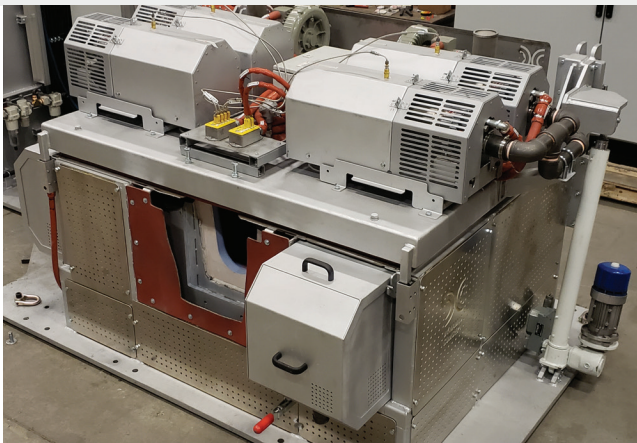
PATENTED
TECHNOLOGY

Technology partner



— Alcoa High Cleanliness Filtration System

CFF high-performance filtration system with patented priming technology for production of very clean metal



Filtration performance equivalent to a deep bed filter (DBF)

BENEFITS

- High performance filtration for products with very low level of inclusions: "Can Stock", Litho, Aerospace, etc.
- Unmatched priming reliability (99% +)
- Operating cost 70% lower than with a deep bed filter: savings up to 6 USD/MT
- Increased efficiency with use of 100% of filtering surface
- Minimal footprint: Easy integration into an existing line
- High project profitability with rapid return on investment
- Elimination of losses due to alloy changes
- Recovery of trapped residual metal after casting, resulting in additional savings
- Increased operational safety

TECHNICAL FEATURES

- Filtration up to 80 ppi
- Use of standard ceramic foam tiles
- Patented priming technology
- Same space requirements as standard CFF filters
- Fully automated operation and sequence
- Available for capacities of 500, 1000 or 1500 kg/min
- Low maintenance comparable to that of standard CFF filter
- Automated hot air, gas or electric preheating
- Fits standard metal level configuration
- Less than 2" of metal required for priming