Aluminum Casting Applications

Die Casting
- Lower porosity, reduced scrap rates
- Consistent physical and mechanical properties
- Compact design allows flexibility in degassing location

Rod Casting
- Continuous casting
- Up to 15 metric tons/hour
- Reduces fluxing and grain refiner

Ultra-D* Degasser Ultrasonically Removes
Dissolved Hydrogen • Harmful Alkali Metals • Unwanted Inclusions

ACHIEVES
- Hydrogen removal efficiency over 70%
- Low limits of alkalis without corrosive chemicals
- Fine grain structure
- Reduction in alloy segregation
- High quality cast aluminum
- Eco-friendly footprint

LOW OPERATION AND MAINTENANCE COSTS
- Lower heat loss than rotary degassing
- Eliminates the use of corrosive chemicals
- Eliminates $F_C$
- No rotating parts

WIDE PRODUCTION RANGE AND FLEXIBLE OPERATION
- Modular design accommodates scalable capacity
- Probes easily changed during operation
- Automated operation
- Operator friendly