

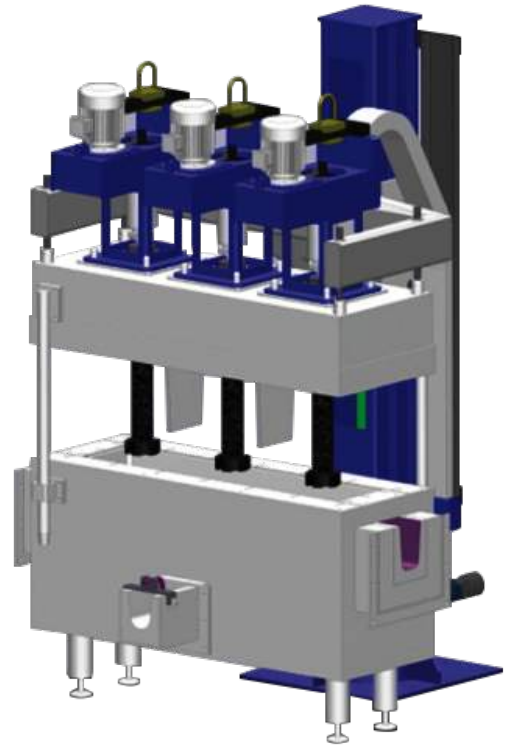
MORGANITE[®] ACE Degassing Rotor

Inline Degassing

Morganite ACE Degassing Rotors (DGRs) are advanced ceramic technology products, having single-piece design, made for in-line degassing applications. Customised sturdy DGR exhibits higher erosion resistance and extended lifecycle performance in all aluminium alloys. Our product can be used in all inline degassing technologies with different metal flow rates.

Featuring a composition that offers lifecycle performance up to 3x current market benchmark and resolves issues that arise from ever-increasing and demanding quality standards of end products-Cables, Foils, Ingots, Billets and Slabs.

Morganite ACE DGR products can create an edge through consistent performance, substantial value and reliability, thus reducing total cost of ownership.



Features

- Best in class erosion resistance
- Excellent oxidation resistance
- High mechanical strength
- Customised coupling system eliminates ovality

Benefits

- Superior degassing performance
- Longer lifecycle resulting in less changeover
- Delayed necking of DGR
- Lower generation of oxides supports ease of operation

Case study– Manufacturer of Aluminium cables (Asia)

Application

Continuous casting of Aluminium rods and cables by Properzi technology.

Current challenges with graphite rotor

- Frequent changeover due to erosion and necking (within 10-15 days)
- Wearing out of threads leading to ovality
- Higher generation of oxides blocking the mesh filter
- Inconsistent DGR lifecycle

Morgan Solution

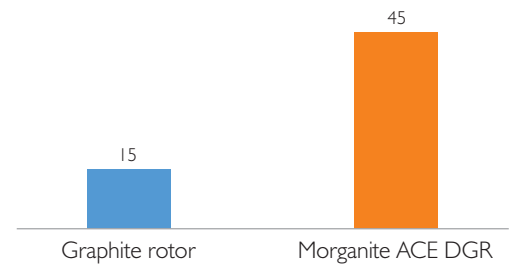
Morgan customised One piece DGR design with metallic adaptor



Necking in Graphite DGRs



Average life, cycles



Reduced number of changeovers

Benefits

- Extended life -Life improved by around 3 times
- Low wearing of threads - reduced number of changeovers
- Efficient operation - Lower line stoppage due to less chocking of filters
- Reduction in cost- improved productivity

For all enquiries, please contact us: mms.marketing@morganplc.com

Molten Metal Systems is a business of Morgan Advanced Materials