

Crust Breaker Cylinder

For High Perfomance Aluminum Smelters





- Energy Savings
- Longer Life
- Easy Maintenance
- Lower Carbon Emissions



Increase Productivity and Reduce Production Costs



SMC Crust Breaker Cylinder

Making a Difference!





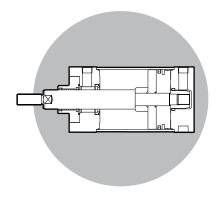
Providing Energy Savings, Longer Service Life and Reducing Carbon Emissions.

- Special Dust Resistant Construction
- Special Heat Resistant Construction
- Special Anti-Lateral Load Construction

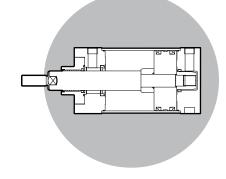
Easy Maintenance

- Mounting dimensions same as current crust breaker cylinders
- Retaining plate reduces repair time for seal packing replacement

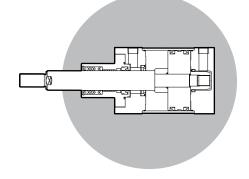
Three models of Crust Breaker Cylinders to meet varying environmental conditions



Standard Cylinder



Medium Duty Cylinder



Heavy Duty Cylinder





CO₂ reduction can be realized with SMC's Crust Breaker Cylinder

Typically carbon emissions can occur when a cylinder is not breaking the crust formed in a pot every time it is extended.

SMC Crust Breaker Cylinders continued dependability of no force lost do to any internal air leakage assures preventing increased CO2 emissions due to higher pot temperatures.

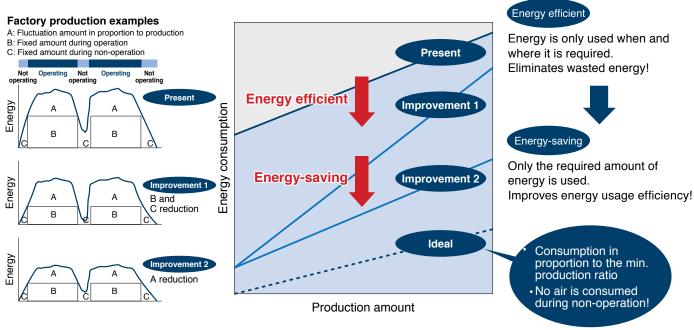
SMC's Crust Breaker Cylinders performance can help provide approximately 45% reduction in CO2 emissions. Helping the environment and reducing costs.



SMC's approach to Energy Savings

Energy-saving measures can be divided into two main categories. They are either energy efficient or energy saving.

Easy-to-implement, effective measures with a priority on energy efficiency can help you take your energy savings to the next level!



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