RotaFlux™

A UNIQUE SYSTEM COMBINING ROTARY DEGASSING AND FLUX INJECTION IN A SINGLE OPERATION.

The Rotaflux system is designed and engineered to combine the benefits of rotary degassing and flux injection in one fully integrated unit. Accomplishing the two functions with one machine—means less degassing time, more intensely cleaned aluminum, decreased flux consumption and reduced metallic content of the dross. Suitable for treating molten aluminum batches ranging from 100 to 6,000 pounds with metal treatment times between 2-6 minutes and with flux injection rates of .05% or less, the Rotaflux system is as efficient as it is practical.

Adaptable to all aluminum foundry applications, the Rotaflux system can be statically installed, hoist hung or provided as an electric mobile unit. It can be operated manually or automatically, has a 40 pound flux capacity, features an adjustable rotor on a folding rotor arm and is all electric driven.

Wedron Flux is the aluminum casting industry's single source for molten metal processing solutions, equipment and supplies. In addition to the Rotaflux system, our company offers the "Mini" 80/1000 Rotary Degassing Unit, the FF05 and FF40 flux injection units, the Hydro-Tech test equipment, inert rotary degassers, injection and manual-grade fluxes, graphite shafts and rotors.

SPECIFICATIONS

Treatment size: 100 to 6,000 lbs. (batch)/100 to 6,000 lbs./hr. (continuous)
Automatic and manual operation
Rotor height can be adjusted in 1" increments from 6" below floor grade to 68" above floor grade
Adjustable rotor speed from 50 to 400 rpm
36" standard rotor arm folds for ease of transport (custom rotor arm lengths available)
Electric drive 110 VAC or pneumatic drive
Allen-Bradley micrologic controls
Integral gas bottle carrier
Flux capacity: 40lbs.
Flux feed rate:0.05 to 0.7 lbs./minute
Gas flow rate: 0.5 to 2.0 CFM
Safety interlock limits
Dimensions: 109" high x 36" wide x 68" long (folded rotary arm), 98" (extended rotary arm)
Custom designed height of rotor and reach are available.

HA International LLC

WF Wedron Flux

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