



High Performance Rotors for Optimum Metal Treatment

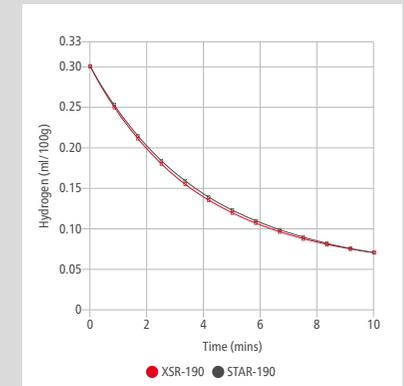
Improved Performance and Reduced Costs

Standard Performance Degassing Rotors



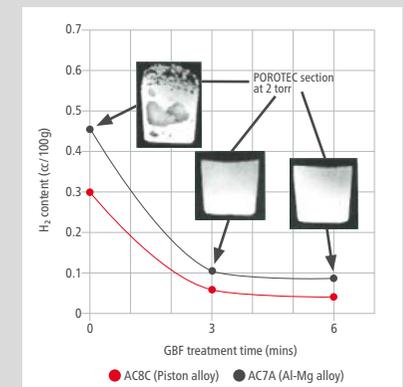
STAR degassing rotor

- + typically 300 - 500 rpm
- + quick degassing in HPDC & general casting
- + no vortex creation -not suitable for MTS
- + available material: DIAMANT ceramic



GBF degassing rotor

- + typically 500 - 600 rpm
- + fast degassing for Sand & HPDC castings
- + no vortex creation -not suitable for MTS
- + available material: graphite & DIAMANT ceramic



High Performance Metal Treatment Rotors



XSR pumping rotor for MTS 1500

- + typically 350 - 500 rpm for degassing
- + typically 500 - 700 rpm for vortex
- + for all aluminium castings & applications
- + oxide removal using granular flux
- + available material: graphite & DIAMANT ceramic



FDU XSR 190 rotor after 4 sec



FDR pumping rotor for MTS 1500

- + typically 250 - 400 rpm for degassing
- + typically 400 - 600 rpm for vortex
- + for all aluminium castings & applications, especially sand gravity and low-pressure die casting
- + oxide removal using granular flux
- + available material: graphite & DIAMANT ceramic

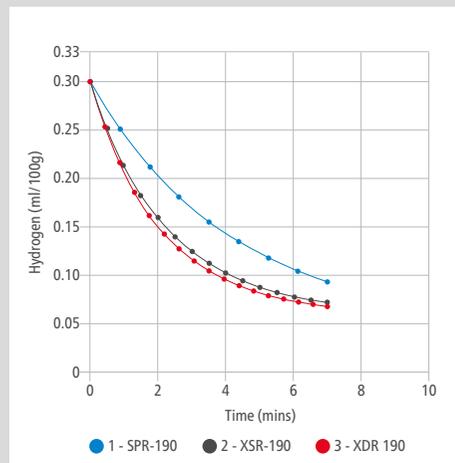


MTS FDR 190 rotor after 4 sec

High Power XDR rotor

XDR rotor

- + typically 250 - 400 rpm for degassing
- + typically 400 - 600 rpm for vortex
- + for all aluminium castings & applications
- + oxide removal using granular flux
- + available material: graphite
- + deeper rotors = stronger pumping and longer life (suitable for HPDC)

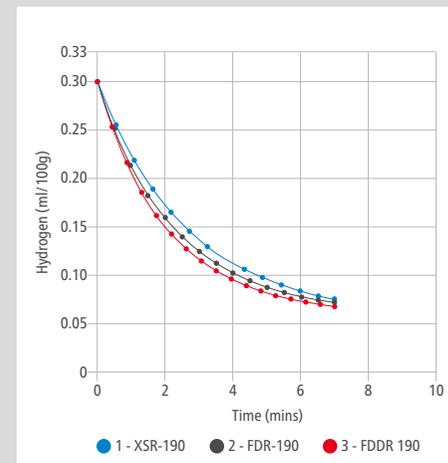


Stronger degassing power than XSR & SPR

High Power FDDR rotor

FDDR rotor

- + typically 200 - 350 rpm for degassing
- + typically 350 - 550 rpm for vortex
- + for all aluminium castings & applications
- + oxide removal using granular flux
- + available material: graphite
- + deeper rotors = stronger pumping and longer life (suitable for HPDC)



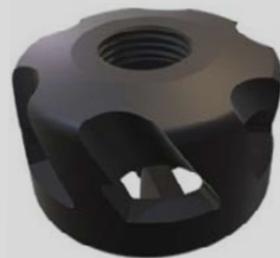
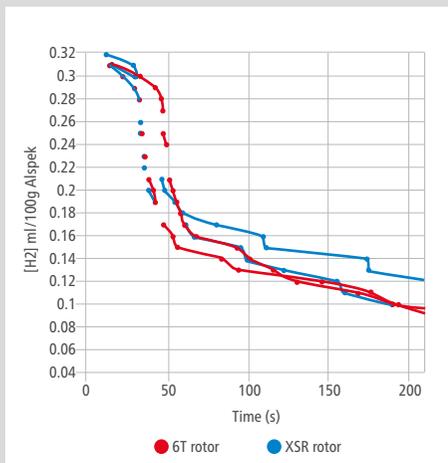
Stronger degassing than FDR & XSR

Newly developed Pumping and Degassing Rotors (Patents pending)

More efficient mixing & degassing types

DIAMANT 6T Turbo rotor

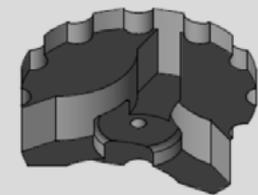
- + typically 300 - 450 rpm for degassing
- + typically 500 - 700 rpm for vortex
- + for all aluminium castings & applications
- + oxide removal using granular flux
- + available material: DIAMANT ceramic
- + suitable for high-pressure die casting (HPDC)



Hydrogen degassing

DIAMANT NINJA rotor

- + typically 200 - 350 rpm for degassing
- + typically 350 - 550 rpm for vortex
- + for all aluminium castings & applications
- + oxide removal using granular flux
- + available material: DIAMANT ceramic
- + suitable for high-pressure die casting (HPDC)



Couplings & Shafts

For the improvement of quality of non ferrous castings

FDU couplings

- + coupling for FDU graphite shafts
- + shaft can be assembled easily
- + special design of the coupling provides a balanced run of the shaft



Available types of couplings

Clamp Coupling TZ

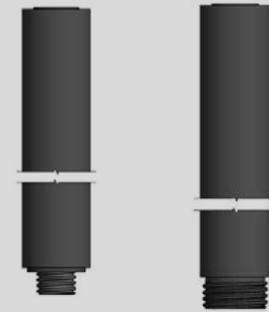
TZ 95 (for shafts with $\varnothing 95$ mm)

Screw Coupling DK

DK 75 (for shafts with $\varnothing 75$ mm)
DK 95 (for shafts with $\varnothing 95$ mm)

FDU DSK shafts

- + DSK graphite shaft treats molten metal in non-ferrous foundries with vacuum impregnation
- + vacuum impregnation shields from oxidation and abrasion in DSK graphite shaft



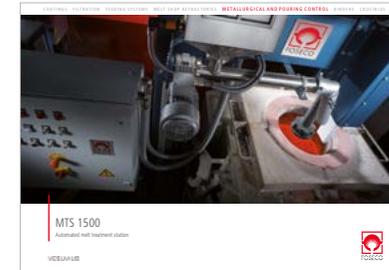
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Scan the QR code or click it to see our full product range



FDU



MTS 1500



SMARTT



Melt Treatment products



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