



MAGNETS FOR EMULSION
emulsion production technology



ground-breaking, step-changing technology for
EMULSIFYING, DISPERGING & DISSOLVING

PRODUCTION ADVANTAGES

Very reproducible quality

Flexible solution

Perfectly 'clean in place'

Very low maintenance needed

Very low energy consumption

PROCESS ADVANTAGES

Lump-free mix

Maximum yield of the polymer resulting, lowering raw-material consumption

Very fast dispersion

Possibility to disperse in the discontinuous phase

Minimal dust formation

Minimal aeration

Consistent product quality and repeatability

Low investment cost

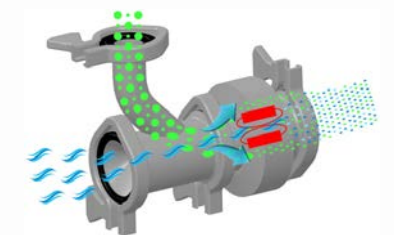
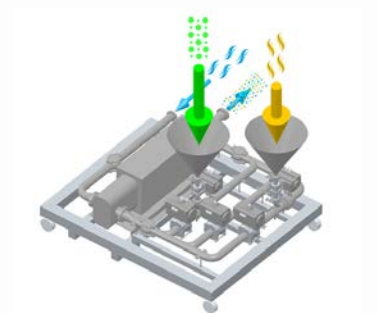


Kort woordje uitleg over de technologie: dit beeld en de schema's.

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.

Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit

Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit



GROUND-BREAKING, STEP-CHANGING TECHNOLOGY FOR EMULSIFYING, DISPERGING & DISSOLVING

- The patented M4E magnetic technology was originally developed at the University of Leuven in Belgium in 2002. The company M4E (Magnets for Emulsion N.V.) was founded in 2004 to introduce the technology in the industrial domain.
- The concept is to combine the conditions created by a turbulent flow with the Lorentz forces created by a magnetic field. The Lorentz force is situated in the field of hydro-magnetism and works on the polarity at molecular level of the raw materials and formulation ingredients.
- This combination creates the perfect environment to make emulsions and powder dispersions. Compared to the existing technologies, that rely on mechanical shear input, the M4E technology is step-changing and offers a vast array of advantages both in terms of end-product quality as in terms of process optimizations.



APPLICATIONS IN FOOD / COSMETICS / HOME CARE / COATINGS / CHEMICALS

NEDERLANDSE VERSIE : GROUND-BREAKING, STEP-CHANGING TECHNOLOGY FOR EMULSIFYING, DISPERGING & DISSOLVING

The patented M4E magnetic technology was originally developed at the University of Leuven in Belgium in 2002. The company M4E (Magnets for Emulsion N.V.) was founded in 2004 to introduce the technology in the industrial domain.

The concept is to combine the conditions created by a turbulent flow with the Lorentz forces created by a magnetic field. The Lorentz force is situated in the field of hydro-magnetism and works on the polarity at molecular level of the raw materials and formulation ingredients.

This combination creates the perfect environment to make emulsions and powder dispersions.

Compared to the existing technologies, that rely on mechanical shear input, the M4E technology is step-changing and offers a vast array of advantages both in terms of end-product quality as in terms of process optimizations.

FRANSE VERSIE: GROUND-BREAKING, STEP-CHANGING TECHNOLOGY FOR EMULSIFYING, DISPERGING & DISSOLVING

The patented M4E magnetic technology was originally developed at the University of Leuven in Belgium in 2002. The company M4E (Magnets for Emulsion N.V.) was founded in 2004 to introduce the technology in the industrial domain.

The concept is to combine the conditions created by a turbulent flow with the Lorentz forces created by a magnetic field. The Lorentz force is situated in the field of hydro-magnetism and works on the polarity at molecular level of the raw materials and formulation ingredients.

This combination creates the perfect environment to make emulsions and powder dispersions.

Compared to the existing technologies, that rely on mechanical shear input, the M4E technology is step-changing and offers a vast array of advantages both in terms of end-product quality as in terms of process optimizations.

MAGNETS FOR EMULSION - emulsion production technology

Teerlingstraat 14, 9190 Stekene Belgium

T: +32 (0)497 89 64 92

info@m4e.be - www.m4e.be



4 BRANDS. 1 VISION.

WILLICH

CLARYS

M4E

UCOOK