

### Compact. Powerful. Consistent Results.

The **HELIMIX®** top entry mixer is an efficient low-energy unit designed specifically for 275 gallon (1m<sup>3</sup>) and 330 gallon (1.25m<sup>3</sup>) Intermediate Bulk Containers (IBC). The contents in these containers may begin to separate during shipment with solid particles that settle or viscous products that become “frozen”.

The HELIMIX® mixer comes secured to a stainless steel 316L bridge support for quick mounting and removal from the IBC container. Fitted with a rotating collapsible impeller, the blades fold to 2.75 inches (70mm) to fit easily through the tank’s 5.5 inch (140mm) opening. After this quick installation, the HELIMIX® mixer is ready to begin the mixing process.



#### Applications:

- Homogenization
- Varnishes / Coatings
- Slurries
- Ink
- Chemical additives
- Liquid blending
- Coagulation
- Flocculation
- Syrup
- Milk
- Lime
- Additives
- Food additives
- Colors / Dyes
- And more...

#### Features & Benefits:

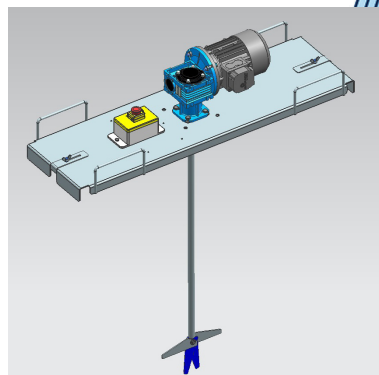
- Quick lead-times to keep your application up and running
- Homogenization and blending of any application (NOTE: not suitable for air injection, emulsion, dispersion, heating, chemical reaction)
- Sturdy stainless steel 316L lightweight bridge mounting ensures corrosion resistance for product longevity
- Mounting to the bridge via forklift, crane, or manually
- Several motor options (tri-phase or single phase or air motor compatible for proof area)
- Consistent results using variable low or high speed settings
- Start-stop button for simple and safe control

#### Specifications:

Available in several models to suit your application, Helimix® mixers offer several options including electric motor, air motor, low or high speed, start-stop button, and variable speed motors.

#### 6 Drive / Blade Options

- Low or high speed
- Folding or marine impeller
- Electrical or air driven



**MILTON ROY**  
**Mixing**

At the heart of mixing

| HELMIX Mixer type        | ER1        | ED1                   | ED2                    | PR1                          |
|--------------------------|------------|-----------------------|------------------------|------------------------------|
| Impeller                 | folding    | 1 Marine impeller 128 | 2 Marine propeller 128 | folding                      |
| Rotation speed (rpm)     | 360        | 1200                  | 1200                   | 360                          |
| Rated power kW (hp)      | 0.5 (0.75) | 0.5 (0.75)            | 0.5 (0.75)             | 0.56 (0.75) (compressed air) |
| M.O.C.                   | SS316L     | SS316L                | SS316L                 | SS316L                       |
| Maxi viscosity mPas/Cp   | 1000       | 300                   | 1000                   | 1000                         |
| Shaft length mm (inches) | 812 (32)   | 812 (32)              | 812 (32)               | 812 (32)                     |
| Rotation in air          | yes        | yes                   | yes                    | yes                          |

### GAMME HELIMIX®

### Agitateur pour conteneur IBC 1000 L / 1000 L IBC container mixer

Moteur / motor 0,37 kW  
IP55, 400v/50Hz/ 3 phases

Réducteur de vitesse / gear reducer  
vitesse agitateur / rotation speed : 290 rpm  
sans entretien / no maintenance

Chassis support inox, avec anneaux de levage  
SS support with lifting lugs  
dimensions 1100 x 300

Arbre inox / SS shaft  
longueur maxi / maxi length : 800

Hélice à 2 pales retractables en inox / SS folding impeller  
Ø 225, pales relevées /  
Ø 70, pales pliées

Conteneur 1000 L IBC 1000x1200x1180 (NON FOURNI)  
1000L IBC container 1000x1200x1180 (OUT OF SUPPLY)

La gamme Helimix est dédiée à l'agitation des liquides stockés dans un conteneur IBC. Le pompage de l'hélice élevée (> 300 m3/h), procure une agitation efficace des produits. L'hélice rétractable permet au repos une introduction aisée dans le conteneur, et en rotation d'avoir un grand diamètre d'agitation.

**OPTIONS DISPONIBLES :**

- moteur pneumatique
- variateur de vitesse
- vitesse rapide sans réducteur
- hélice non rétractable
- deux hélices sur l'arbre
- moteur monophasé 230v

Helimix range is dedicated to the stirring of bulk liquids in IBC containers. The high pumping flow (> 300 m3/h) generates an efficient mixing in all the bulk. The folding impeller allows an easy introduction into the IBC, and a large operating diameter.

**OPTIONS :**

- air driven mixer
- larger impeller xx mm dia.
- direct drive
- marine propeller
- two propellers on shaft
- monophase motor (230v)

fourni moteur nu sans coffret de démarrage  
supplied without electrical cabinet.

|                                          |      |                  |
|------------------------------------------|------|------------------|
| DENSITE MAXI / MAXI SPECIFIC GRAVITY     | 1,2  | mPas<br>mm<br>kg |
| VISCOSITE / VISCOSITY                    | 1000 |                  |
| Ø D'INTRO. DU MOBILE MINI / MINI OPENING | 75   |                  |
| POIDS / WEIGHT                           | 20   |                  |

( dimensions. mm )

|                                                                                                                      |           |                                 |
|----------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------|
| Helisem                                                                                                              |           |                                 |
| Type :                                                                                                               | ER1/xxxxx |                                 |
| REPERE CLIENT : / CUSTOMER ITEM :                                                                                    |           | Proposition N°/quoteN° :        |
| N°                                                                                                                   |           | 01                              |
| Propriété exclusive de MRM - Communication et reproduction interdites.<br>Plan non contractuel / Non binding drawing |           | date : 20/03/2015    par/by : 0 |

\* Dimensions valables pour le modèle standard sans option / Dimensions are only valid for standard type without option.

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