

## Section 17

Chemical Mixers

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## Section 17

### Chemical Mixers

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## EMEC Mechanical Mixers

### Standard Features:

- Top Mounting Flanged Mixers
- IP55
- Designed for Tanks from 100 to 1000L
- 3 Phase or Single Phase
- PVC Coated Stainless Steel Shaft
- Fluorocarbon Rotary Seal Fitted to the Flange to Protect Motor from Chemical Vapours



MIXVN

MIXN

Choose **high speed** mixer for intermittent use.  
Choose **low speed** mixer for viscous & abrasive medias.

### Models:

| Model  | Rated Power kW | Rotational Speed rpm | Shaft Length mm | Propeller Diameter mm | Use for Tanks Sizes |
|--------|----------------|----------------------|-----------------|-----------------------|---------------------|
| MIX8N  | 0.09           | 65 or 200            | 630, 730        | 150                   | up to 250L          |
| MIXV8N | 0.09           | 1400                 | 630, 730        | 70                    | up to 250L          |
| MIX4N  | 0.18           | 65, 200 or 400       | 730, 980, 1100  | 200                   | up to 1000L         |
| MIXV4N | 0.18           | 1400                 | 730, 980        | 90                    | up to 500L          |
| MIX2N  | 0.37           | 65, 200 or 400       | 1100            | 200                   | up to 1000L         |
| MIXV2N | 0.37           | 1400                 | 730, 980, 1100  | 90                    | up to 1000L         |

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## EMEC Manual Mixers

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### Standard Features:

- Chemical Tank Mixer
- Manual Mixer for Chemical Tanks, to keep Chemical Solutions in Suspension



### Models:

| Model        | Mixer | Shaft Length<br>mm | Propeller Diameter<br>mm |
|--------------|-------|--------------------|--------------------------|
| MIX MAN 450  | PVC   | 450                | 130                      |
| MIX MAN 650  | PVC   | 650                | 130                      |
| MIX MAN 770  | PVC   | 770                | 130                      |
| MIX MAN 1100 | PVC   | 1100               | 130                      |

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## FLUIMAC FVP Mechanical Mixers

### Standard Features:

- Top Mounting Flanged Mixers
- IP55
- Reduction Gearbox
- 316 Stainless Steel Shaft
- 316 Blade Mixer with 45° Inclined Plates
- 3 Phase Standard - Single Phase Optional



### Models:

| Model            | Rated Power kW | Rotational Speed rpm | Shaft Length mm | Propeller Diameter mm | Use for Tanks Sizes |
|------------------|----------------|----------------------|-----------------|-----------------------|---------------------|
| FVP 02032 S 130V | 0.25           | 140                  | 1300            | 350                   | 1500L               |
| FVP 03031 S 130V | 0.37           | 200                  | 1300            | 350                   | 2000L               |
| FVP 05031 S 130V | 0.55           | 200                  | 1300            | 350                   | 3000L               |
| FVP 07051 S 130V | 0.75           | 140                  | 1500            | 500                   | 4000L               |

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## EMEC Static Mixers

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### Standard Features:

- In-Line UPVC Static Mixer
- Polypropylene Mixing Elements
- 1/2 inch Injection Valve
- Serviceable



### Models:

| Model             | Size inch | Connection       | Injection Valve inch |
|-------------------|-----------|------------------|----------------------|
| MIX STATICO D40   | 1-1/4     | DN40 Socket Ends | 1/2                  |
| MIX STATICO 1-1/4 | 1-1/4     | BSP Threads      | 1/2                  |
| MIX STATICO 1-1/2 | 1-1/2     | BSP Threads      | 1/2                  |
| MIX STATICO 2     | 2         | BSP Threads      | 1/2                  |

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## Allaqua Static Mixers

### Standard Features:

- In-Line UPVC Static Mixer
- Clear PVC Housing
- UPVC Mixing Elements
- Sch80 Union Connection

Allaqua®



### Models:

| Model | Size | Connections<br>inch | Flow<br>m3/hr | Length<br>mm |
|-------|------|---------------------|---------------|--------------|
| ASM15 | DN15 | 1/2                 | 0.3 - 0.6     | 200          |
| ASM20 | DN20 | 3/4                 | 0.3 - 1.2     | 400          |
| ASM25 | DN25 | 1                   | 0.9 - 1.8     | 400          |
| ASM32 | DN32 | 1-1/4               | 1.4 - 2.8     | 400          |
| ASM40 | DN40 | 1-1/2               | 2.2 - 4.5     | 450          |
| ASM50 | DN50 | 2                   | 3.5 - 7       | 500          |

### Options:

UPVC mixer with 316SS mixing elements. 304SS and 316SS mixers. Flange connections on request. Available up to DN300

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