

# iMix

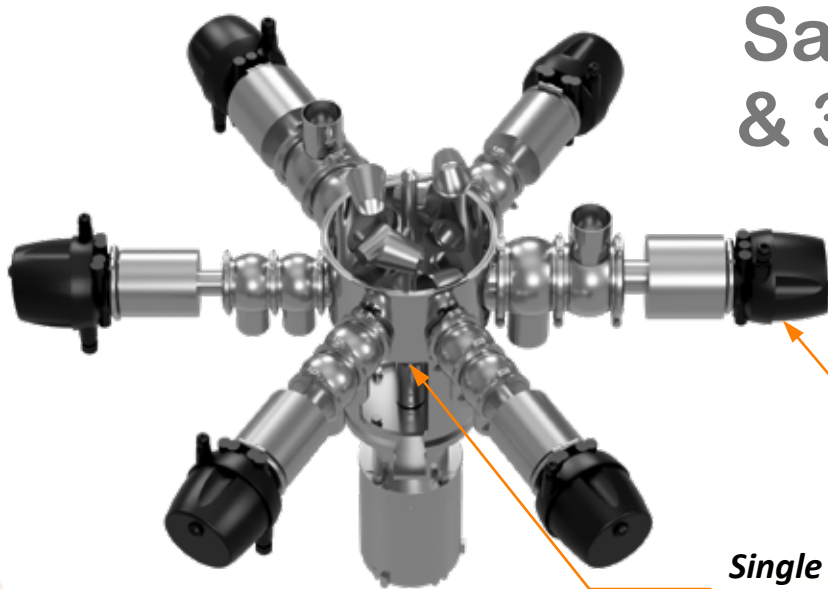
A DYNAMIC INLINE MIXER



**PROCESSTEC**  
GET TOMORROW'S TECHNOLOGY TODAY

# iMix, A New Dynamic Inline Mixer

**Processtec's** latest invention will fulfill new market-requirements in food, beverage, dairy and many other industries. Process-Engineers with broad experience have developed a unique dynamic inline mixer. Understanding the quick changing taste of customers and the urge to always be ahead with creating new mixtures, lead to this most flexible, sanitary and ingredient saving unit. The **iMix** is designed to homogenize up to 6 different ingredients at a time. Flow rates up to 120 GPM and a range of viscosities up to 100,000 cps are the perfect playground to not only compose new, cool yogurts, soft drinks, sauces, body washes, shampoos - you name it, but also solve all mixing quirks from the past. Our powerful mixing-star opens the horizon to endless new creations. Well accepted and established components such as Varivent connections, PMO valves (food grade applications) and run-dry capable mechanical seals are part of the sanitary design. The **iMix** is compact, easy to clean, low maintenance and right to the filler, bringing all of the solutions directly to you.



## Sanitary Design & 3A Compliant!

***Inject up to 6 ingredients,  
dead zone free!***

***Single Acting Mechanical Seal:  
cartridge style with run-dry capability.***

### Performance Overview:

Model*	Nominal Flow**			Motor	Max Particulate Size	Max. Operating Pressure	Max. Operating Temp.
VM5-200-X*	200 lbs/min	5443 Liter/hour	24 GPM	0.50 hp	1 1/2 in	145 psi	266 °F
VM5-300-X*	300 lbs/min	8165 Liter/hour	36 GPM	0.75 hp	1 1/2 in	145 psi	266 °F
VM5-400-X*	400 lbs/min	10886 Liter/hour	48 GPM	0.75 hp	1 1/2 in	145 psi	266 °F
VM5-500-X*	500 lbs/min	13608 Liter/hour	60 GPM	1.00 hp	1 1/2 in	145 psi	266 °F
VM5-600-X*	600 lbs/min	16330 Liter/hour	72 GPM	1.50 hp	1 1/2 in	145 psi	266 °F
VM5-700-X*	700 lbs/min	19051 Liter/hour	84 GPM	1.50 hp	1 1/2 in	145 psi	266 °F
VM5-800-X*	800 lbs/min	21773 Liter/hour	96 GPM	2.00 hp	1 1/2 in	145 psi	266 °F
VM5-900-X*	900 lbs/min	24494 Liter/hour	108 GPM	2.00 hp	1 1/2 in	145 psi	266 °F
VM5-1000-X*	1000 lbs/min	27216 Liter/hour	120 GPM	2.00 hp	1 1/2 in	145 psi	266 °F

\*2 through 6 ports available, other sizes available on request.

\*\*Nominal Flow at 5,000 cps, density 1 kg/ liter

Higher viscosity lowers the flow, lower viscosity increases the flow.

# Ingredient Savings with **Just-In-Time** Mixing

- **Blending & Filling (additional lines)**

Based on needs and option preference

- **Blending & Filling Line 2**

Based on Options 2 & 3

Mix Proof Valves

- iMix is your Centerpiece to mix all your ingredients on the fly

- Various Options for supplying your valuable ingredients:

Opt. 1 IBC Tote in Main Header\*

Opt. 2 Drum / Barrel

Opt. 3 IBC and standard Totes

Opt. 4 Tank

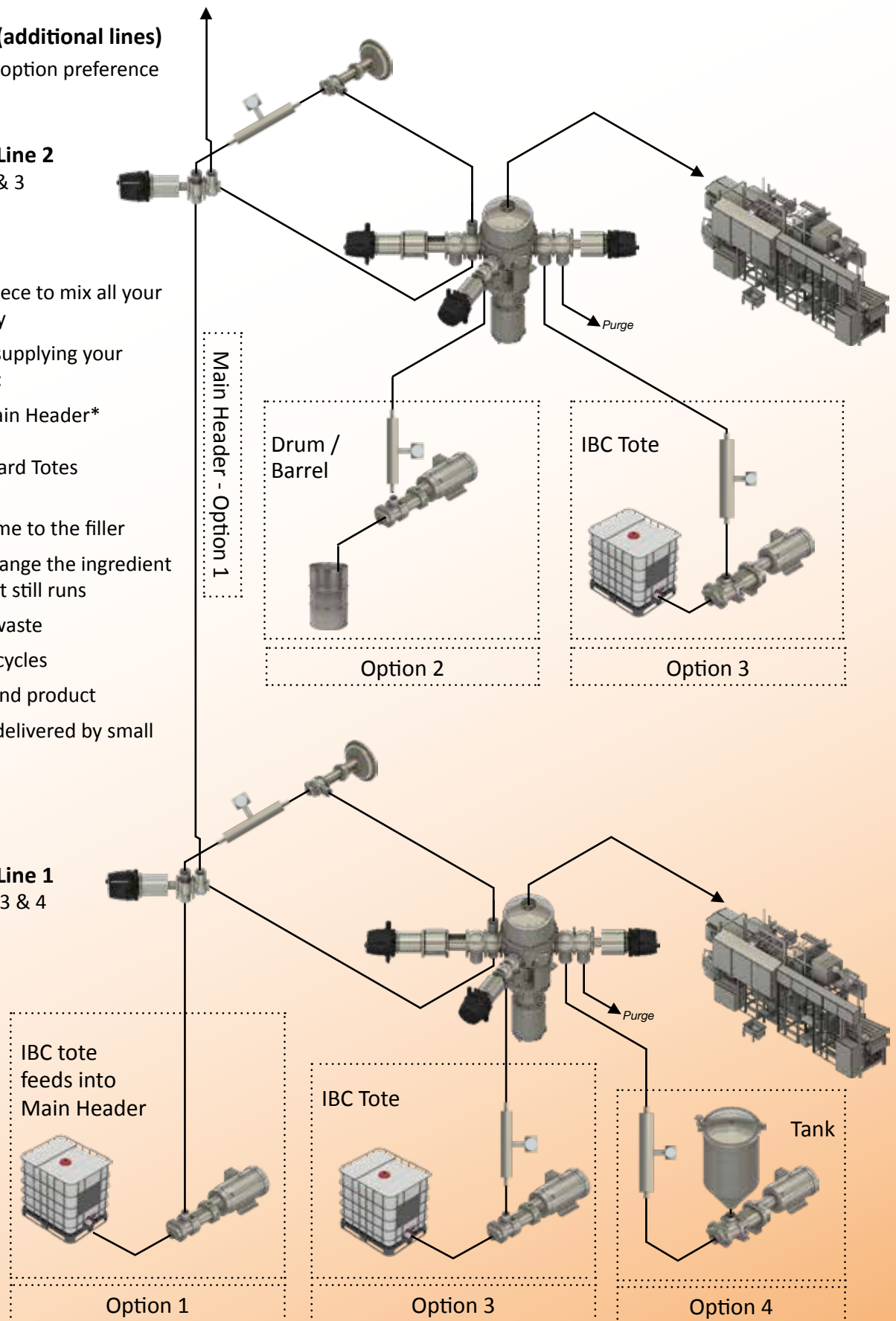
- Mixing in shortest time to the filler
- Disconnect and exchange the ingredient supply, while the unit still runs
- Creates close to no waste
- Needs less cleaning cycles
- Saves time, energy and product
- Mixing big volumes delivered by small motors

- **Blending & Filling Line 1**

Based on Options 1, 3 & 4

Mix Proof Valves

\*Option 1 product supply in Main Header from Totes, Tanks or Silos is possible.



## Some of the Industries we serve



DAIRY



JUICES



FRUITS



PERSONAL  
CARE



TOMATO



BEVERAGES



SAUCES



INFANT  
FORMULA



PROCESSED  
FOODS



PROCESSED  
MEAT



BAKERY



CONFECT-  
IONERY



PASTRIES



OILS



FRAGRANCE



CHEMICALS



PAINTS



VARNISHES



OINTMENTS



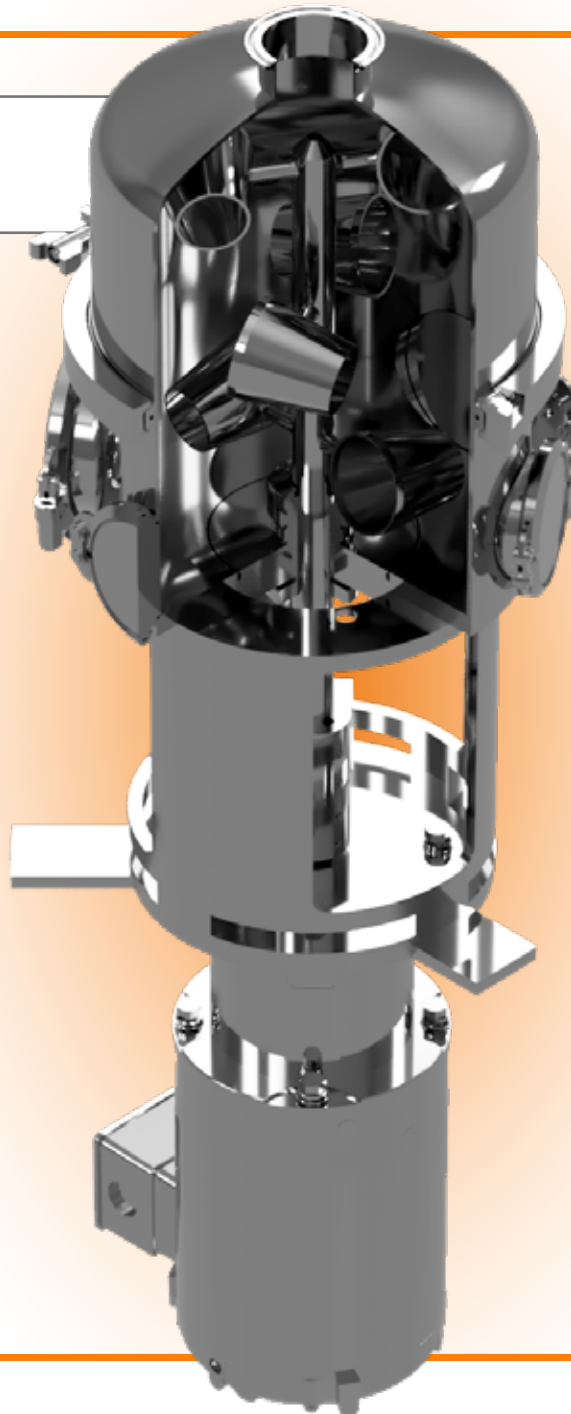
PHARMA-  
CEUTICALS

## Model VM5-300-6

### Models Available:

VM5 - 200 - \*2 through 6  
VM5 - 300 - \*2 through 6  
VM5 - 400 - \*2 through 6  
VM5 - 500 - \*2 through 6  
VM5 - 600 - \*2 through 6  
VM5 - 700 - \*2 through 6  
VM5 - 800 - \*2 through 6  
VM5 - 900 - \*2 through 6  
VM5 -1000 - \*2 through 6

\* ports available



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