

The Welker WelMix™ is an external pipeline dynamic mixing system engineered to ensure uniform mixing of liquid hydrocarbons and crude oil during operations such as custody transfer or tank loading and unloading. Designed for minimal pressure drop and high-flow performance, the WelMix provides a compact, cost-effective, and minimally intrusive solution for delivering representative samples without interrupting pipeline operations.

FEATURES & BENEFITS

Uniform Dynamic Mixing Regardless of Flow Variations

Ensures consistent product quality and reliable sampling even during fluctuating flow rates.

Minimal Intrusive Design

Installs and maintains without disrupting pipeline operation, reducing downtime and increasing safety.

Built-in Sampler Probe

Integrates sampling directly into the mixing system for simplified operation and representative sampling.

Compact Footprint

Minimal space requirement in the pipeline makes installation flexible and cost-efficient.

High-Speed WelMix™ Injection Technology

Uses a pump to recirculate a fraction of process fluid and disperse water and/or stratified components, improving sample integrity.

Improves C1/C2 Ratio

Enhances sampling accuracy, especially in pipelines with separated components or inconsistent mixtures.

Compatible with Broad Pipe Sizes and Power Options

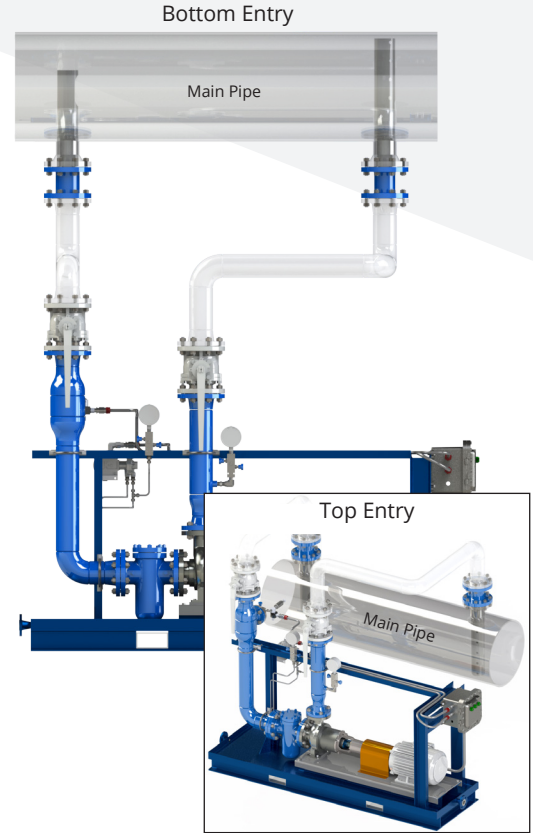
Designed for 8" to 42" pipelines with optional AC 120 V, AC 240 V, or AC 480 V power supplies and VFD compatibility.

Industry Compliant

Meets API 8.2 standards and certified for Class I, Division 1, Groups C & D environments.

SPECIFICATIONS

WelMix™ Pipeline Mixing System



WelMix™

Mix Media	Liquid Hydrocarbon, Crude Oil
Connections	Size to Customer Main Pipe
Main Pipe Size	8"-42"
Power Supply Options	AC 120 V
	AC 240 V
	AC 480 V
Speed Control Requirement	Optional VFD
Electrical Approvals	CSA Listed- Class I, Division 1, Groups C & D
Operating Temperature	Product: -40°F to 100 °F
	Ambient: -40 °F to 120 °F
Industry Standards	API 8.2

Weight and/or dimensions are approximate.
Specifications subject to change without notice.