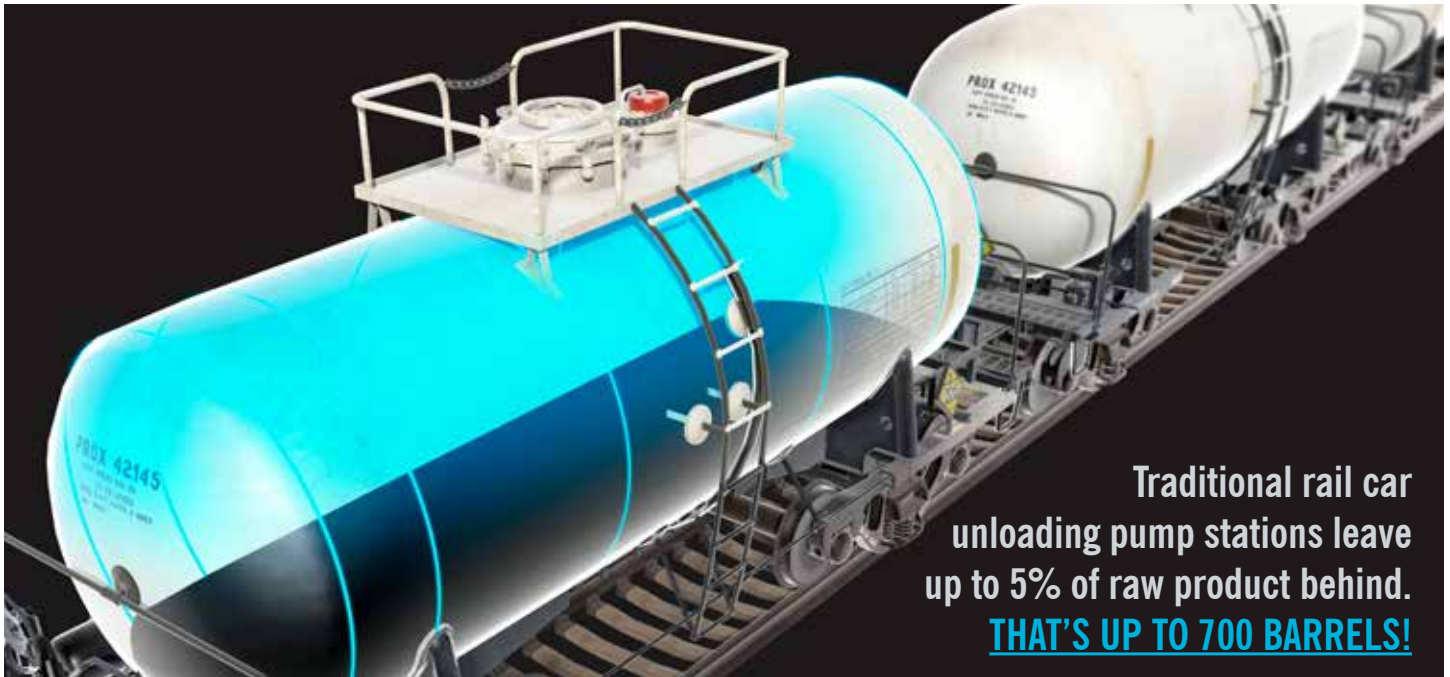


RAIL CAR UNLOADING PUMP STATIONS

WITH OUR EXPERTISE YOU ARE NOT ALONE



Traditional rail car unloading pump stations leave up to 5% of raw product behind. **THAT'S UP TO 700 BARRELS!**

THE CHALLENGES YOU FACE EVERYDAY

You measure success by inventory turnover. Unloading and loading of product and petroleum tankers, rail cars and tanker trucks must be performed as quickly as possible. Wasted time is lost revenue. The fluid handling equipment at these facilities must not only be reliable, but efficient as well, delivering the flow needed to move fluids into, within and out of the terminal.

TWO SCREW PUMPS IN TERMINALS AND PIPELINES

Feature	Benefit
Handles multiple liquids & states across a wide temperature range with one pump	Increases site flexibility
Operates with lower energy costs	Reduces operating costs / increases onsite profitability
Effectively operates in conditions with low NPSHa	Enables users to strip virtually all inventory from storage vessel
Delivers constant volume regardless of static head conditions	Provides predictable flow and performance

COLFAX FLUID HANDLING'S ROTARY POSITIVE DISPLACEMENT SOLUTIONS ARE USED AROUND THE GLOBE FOR THESE CRITICAL SERVICES EVERY DAY.

IMPORT & MANAGEMENT WITHIN THE FACILITY

Critical applications in your workplace where incoming finished products, crude oil and fuel oils must be off loaded and managed safely within your terminal operation, demand diligent supervision. In your world, failure just isn't an option for services such as:

- Vessel unloading
- Circulation and blending
- Tank-to-tank transfer

EXPORT & TRANSPORT FROM THE FACILITY

The throughput rate at your facility determines the operational efficiency and profitability of your operation. Versatile processes and rotating equipment that drive these processes help you to achieve this goal for critical applications like these:

- Vessel loading
- Truck loading
- Injection and pipeline transfer
- Pipeline stripping

VOLUMETRIC FLUID HANDLING TECHNOLOGIES GIVE YOU THE PERFORMANCE CONTROL THAT YOU NEED TO RUN A WORLD-CLASS FACILITY.

ENSURING EFFICIENCY FLOWS DOWNSTREAM

For offloading and management within the facility:

	Flow rates up to:	Pressures up to:
Vessel unloading	5000 m ³ /h (8800 usgpm)	16 bar (230 psi)
Circulation and blending	300 m ³ /h (1325 usgpm)	10 bar (145 psi)
Tank-to-tank blending	1000 m ³ /h (4400 usgpm)	10 bar (145 psi)

For exporting from the facility:

	Flow rates up to:	Pressures up to:
Vessel loading	5000 m ³ /h (13250 usgpm)	16 bar (230 psi)
Truck loading	100 m ³ /h (440 usgpm)	10 bar (145 psi)
Injection and pipeline transfer	750 m ³ /h (3300 usgpm)	100 bar (1450 psi)
Pipeline stripping	500 m ³ /h (2202 usgpm)	10 bar (145 psi)

Colfax Fluid Handling

1710 Airport Road
 Monroe, NC 28110-5020 USA
 Tel: 704.289.6511
 Tol: 877.853.7867
www.colfaxcorp.com/oil-gas

Oil & Gas Products & Services

ALLWEILER® HOUTTUIN™ IMO® ROSSCOR® WARREN®

COLFAX FLUID HANDLING, ALLWEILER, HOUTTUIN, IMO, ROSSCOR and WARREN are registered trademarks of the Colfax Corporation or its subsidiaries in the U.S. and/or other countries. © 2013, Colfax Fluid Handling. All rights reserved. 8/13



REDEFINING WHAT'S POSSIBLE