

# The Shift Towards Doorstep Fuel Delivery



Fuel distribution is no longer confined to fuel stations. Industries today demand on-site, on-demand fuel delivery to keep operations running without interruption.

From construction sites and fleet yards to remote industrial operations, doorstep fuel delivery is transforming how fuel is supplied, reducing downtime, improving efficiency, and enabling better control over consumption.

However, this shift brings its own set of operational and technical challenges.

## Market Needs and Application Challenges

Key challenges include

### Accuracy in Mobile Conditions

Constant movement, vibrations, and varying flow conditions can impact measurement accuracy.

### Speed of Delivery

Faster dispensing is essential to serve multiple customers efficiently.

### Reliability in Diverse Environments

Systems must perform consistently across urban, industrial, and remote locations.

### Operational Efficiency

Manual logging and inconsistent dispensing can lead to fuel losses and reconciliation issues.

### Regulatory Compliance

Accurate metering is critical for billing transparency and adherence to legal standards.



## Liquid Controls Metering Solution for Doorstep Delivery

Liquid Controls offers a proven metering solution for mobile fuel delivery systems, engineered to deliver precision, durability, and seamless integration. With decades of global expertise, LC systems are designed to ensure accurate, efficient, and compliant fuel dispensing in mobile applications.

### Key Features & Benefits

#### High Accuracy Measurement

Positive displacement (PD) meters ensure consistent accuracy, even under varying flow conditions.

#### Faster Fuel Dispensing

High flow capabilities improve delivery speed and operational throughput.

#### Digital Integration

Compatible with electronic registers and data systems for real-time tracking and reporting.

#### No Metal-to-Metal Contact

Minimised wear leads to sustained accuracy, reduced recalibration, and longer service life.

#### Low Maintenance Requirements

Reduced wear and robust design minimise downtime and service needs.

#### Global Compliance

Meets international standards such as OIML and other regulatory requirements.



## Integrated System for Complete Fuel Management

Liquid Controls provides a fully integrated solution for doorstep delivery applications, including:

Flow meters

Electronic or mechanical registers

Strainers cum air eliminators

Printers for transaction records

Fuel management systems



## Corken Pumps: Powering Efficient Fuel Transfer

At the heart of every mobile fuel delivery system lies a reliable pumping mechanism. Corken's PTO-driven sliding vane pumps are engineered for rugged, high-efficiency fuel transfer, making them ideal for doorstep delivery operations.

Why Corken Pumps?

#### Efficient Fuel Transfer

Sliding vane technology ensures consistent flow and high efficiency.

#### Seamless Integration with LC Systems

Works in sync with LC metering solutions for accurate and reliable dispensing.

#### Designed for Mobile Applications

PTO-driven operation eliminates the need for additional power sources.

#### Wide Application Range

Suitable for diesel, gasoline, fuel oil, and other petroleum products.



#### Reduced Downtime & Maintenance

Robust design and easy maintenance ensure higher uptime.

## Conclusion: Enabling Reliable Doorstep Fuel Delivery

As industries move towards on-demand fuel supply models, the need for accurate, efficient, and compliant delivery systems becomes critical.

Liquid Controls, combined with Corken pump technology, delivers a reliable, integrated solution that ensures:

- Accurate measurement
- Reduced operational losses
- Faster delivery cycles
- Long-term reliability

**One trusted system. One seamless solution.**

