

Explosion-Proof Electric Forklift for Hazardous Environments

This explosion-proof electric forklift is designed for safe operation in hazardous environments. It features specialized components such as an enclosed electrical system and non-sparking materials to prevent ignition sources.



ADDITIONAL IMAGES



Overview

Explosion-Protected Electric Forklift (Model FB25)

This specialized electric forklift is engineered for safe operation in hazardous environments where flammable gases, vapors, or dust are present. It features a robust, explosion-proof design incorporating non-sparking materials and an enclosed electrical system to minimize ignition risks. With a 2.5-ton lifting capacity, this unit provides a reliable and efficient material handling solution for chemical plants, paint facilities, and other high-risk industrial zones.

Performance Metrics

Lifting Capacity

2.5 tons

Capacity

3 m

Max Lifting Height

Safety Features

Explosion-Proof Components

- Explosion-proof motor and controller
- Exhaust flame arrester and Spark Eliminator
- Integrated air intake system
- Engine flame out device
- Standard explosion-proof fork

Operational Safety Systems

Automatic braking system, Speed limiter, Emergency stop button, Intelligent temperature monitoring, Cold light source lamps

Design & Construction

Construction & Materials

- Antistatic tires
- Leather seat
- Fully enclosed cabin
- Explosion-proof battery and instrument housing