

High performance and high energy efficiency with 4th generation AC technology

Electric power steering for improved operator comfort and reliability

SOLO- or MULTI-PILOT integrated into the adjustable armrest

Sealed components to help protect against dust and moisture



EFG 213 – 220 / 316k – 320

Three- And Four-Wheel Counterbalanced Truck (2,500 – 4,000 lbs.)

The advantages of electrics

The newest generation of AC technology offers numerous advantages for electric counterbalanced forklifts:

- Minimal energy consumption due to high efficiency and energy recovery.
- Minimal service costs due to the reduction of mechanical and hydraulic components.
- Efficient electric power steering using AC technology.

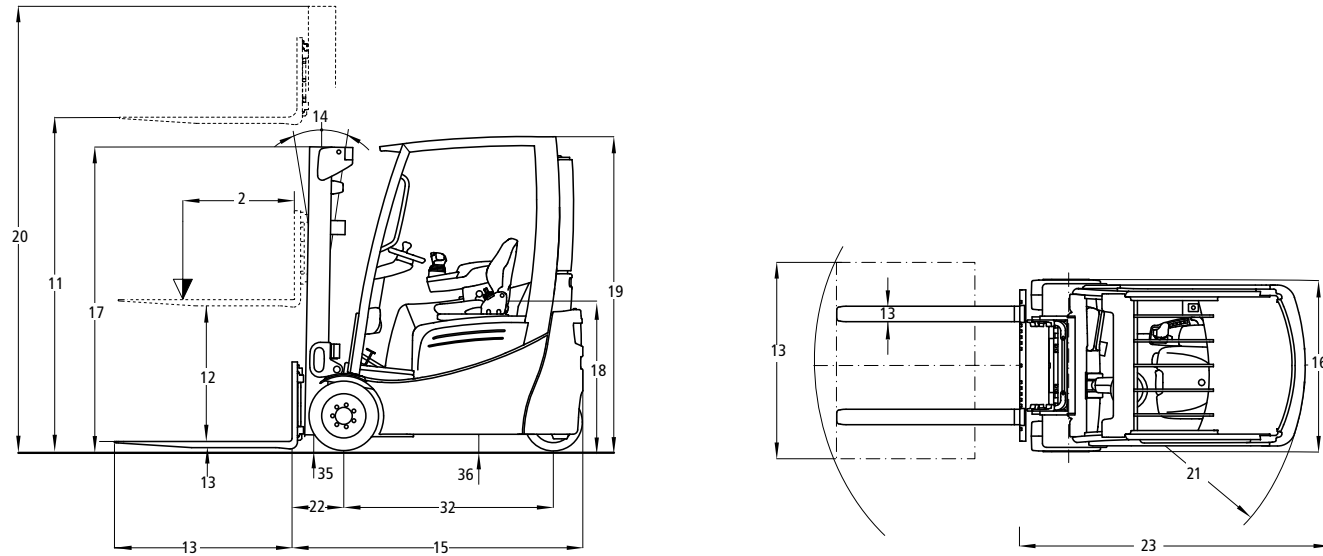
The advantage: industry-leading drive and lift performance levels and the ability to run up to two shifts on a single battery charge in most applications. Combine this with reduced maintenance requirements, and you can significantly reduce your total cost of ownership.

Outdoor applications

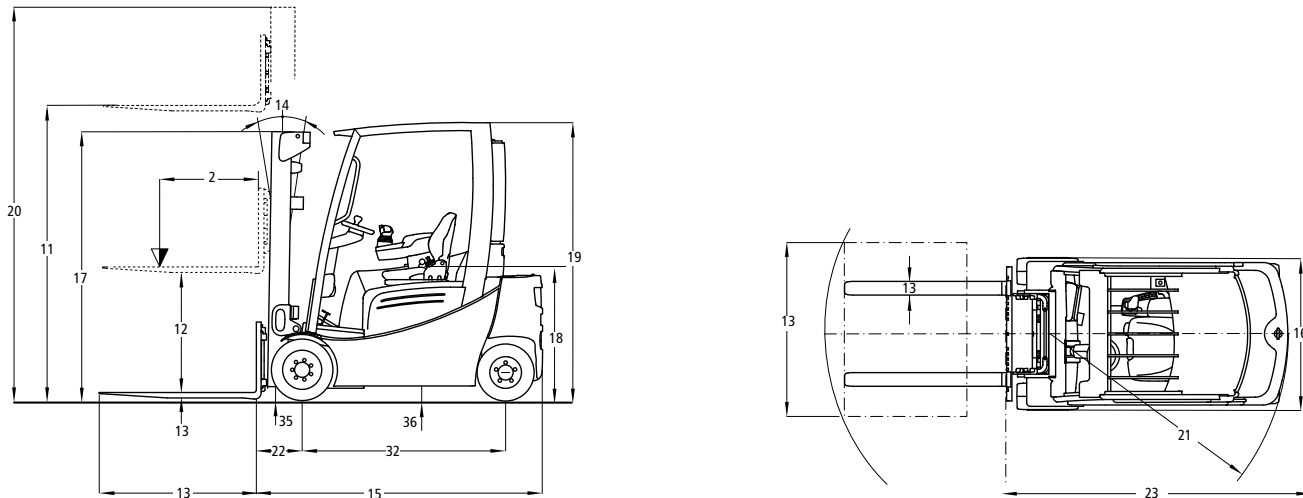
Harsh environments are no problem for the EFG 213-220 / 316k-320 series of forklifts because major electrical components are highly sealed, including connectors, controllers, motors and more. The enclosed cabin option provides a comfortable and productive environment for operators – even in wet, cold or extreme conditions.

EFG 213 – 220 / 316k – 320

EFG 213-220



EFG 316k-320



The Jungheinrich Advantage

Superior operator comfort

The ergonomic operator compartment allows for relaxed and productive operation, particularly beneficial at the end of long shifts:

- Low-effort electric power steering allows for a smaller steering wheel and minimizes the number of revolutions necessary to make a turn.
- The elimination of hydraulic components in the leg area reduces steering-related noise and provides more leg room.
- Ability to tilt and telescope the steering column to suit the operator's needs.
- All essential controls are located on the highly-adjustable armrest, allowing for easy, intuitive operator control.
- Operators will experience an extremely comfortable ride on rough or uneven floors with the combination of solid pneumatic tires, a full-suspension seat and floating cabin.

Maintenance-free braking system

- Regenerative braking with the traction motor allows for smooth, energy efficient deceleration.
- Automatically engaging parking brake for secure stopping, even on ramps.
- Brake pedal operated, maintenance-free disc brakes allow for more aggressive stopping.



Convenient controls

Maintenance-free motors

The new generation of 3-phase AC motors will impress – providing quiet and precise operation at all speeds.

- High torque for faster operation cycles.
- Lifetime lubrication of main components.
- Individually mounted drive motors for easier service and maintenance.
- Dust and water protection to IP54.

Control systems

High performance also requires a high degree of control. That's why the EFG series includes a comprehensive range of equipment for more secure operation:

- Deactivation of all hydraulic functions when the operator seat is not occupied.



Interactive display

- No roll-back on ramps or inclines with the automatic parking brake, even when the vehicle is switched off.
- Automatic progressive reduction of the driving speed during cornering with Jungheinrich Curve Control.

Intelligent electronics

- Smooth travel / reversing and precise positioning.
- Optimally adapts to any situation using five individual work programs.
- Efficient communication between the truck and operator / technician with the highly informative, interactive display.