



Product of Global-Power Co., Ltd
 TOYOTA INDUSTRIES GROUP

What are the differences between the Electric & IC forklifts (Internal Combustion)	
Electric Forklifts	IC Forklifts (Internal Combustion)
Power Source	
Electric forklifts are powered by either lead acid or Lithium-ion batteries, they are known for zero emissions making them suitable for indoor usage	IC forklifts runs on internal combustion engines, usually fuelled by diesel, gas or propane.
Emissions	
Electric Forklifts produce no emissions during operation, making them environmentally friendly and ideal for indoor space where air quality is a concern.	Emits exhaust gases during operation, which can be a consideration in enclosed areas. They are commonly used outdoors.
Noise Levels	
Generally quieter. Contributing to a quieter work environment.	Tends to be noisier due to the internal combustion engine.
Operating Costs	
Has lower operating costs per hour due to the efficiency of electric motors and the lower cost of electricity compared to fuel.	May have higher operating costs due to fuel expenses and more frequent maintenance requirements with internal combustion engines.
Indoor/ Outdoor Usage	
Suited for indoor usage such as warehouses & manufacturing facilities.	Generally used in outdoor applications where robustness of the machine and the ability to operate in varying conditions is important.
Performance	
Provides smoother acceleration & is well suited for tasks that require precision and control.	Known for high torque and power, making them suitable for heavy duty applications, rough terrains and tasks requiring higher lifting capabilities.