

A FORKLIFT FOR EVERY APPLICATION

TRUCK CLASSIFICATIONS FOR OPERATION NEEDS

Whether it's navigating through narrow aisles, moving pallets or picking large paper rolls, various environments present unique challenges for material handlers. IC and electric forklifts are divided into 7 different classes that handle a wide range of needs. **The types of forklifts in each class include:**

CLASS 1: Electric motor rider forklifts are suitable for loading and unloading tractor-trailers and handling pallets. ideal for indoor applications because they are quieter than other forklifts and create 0 emissions.

CLASS 2: Electric motor narrow aisle forklifts (reach trucks, order pickers) have maneuverability features that allow them to operate in tight spaces and narrow aisles. Typical uses include picking and storing inventory. Provides users the ability to increase racking space without expanding their current warehouse.

CLASS 3: Electric pallet jacks, stackers and tow tractors comes in both rider and walk-behind models, often used to unload deliveries and move loads to a staging area where they can be handled by other types of forklifts.

CLASS 4: IC cushion tire forklifts are IC-powered sit-down units for a various of indoor applications. Their solid, cushioned tires provide a smooth ride on indoor surfaces and are puncture-proof since they're not air-filled. Specific applications include forklifts to lift paper rolls, lifts for use in railcars, and lifts to move steel coils.

CLASS 5: IC pneumatic tire forklifts are similar to those in Class IV but were built primarily for outdoor use, including lumberyards, construction sites and other outdoor applications.

CLASS 6: Electric/IC engine tow tractors includes electric and IC engine tow tractors. Most commonly used for towing loads rather than lifting. Ideal for use at airports but are also commonly used in assembly line areas.

CLASS 7: Rough terrain forklifts feature large, tractor-style tires and mostly powered by diesel engines for outdoor use in rugged terrain. Seen at lumberyards or construction sites to lift building materials to elevated work sites.

Class	Load Capacity	Application	Power Type
Class I	2,500 - 12,000 lbs	Indoors, Manufacturing Facilities & Warehouses	Electric: Lead Acid, Thin Plate Pure lead, Li-Ion & Hydrogen Fuel Cell
Class II	1,500 - 5,500 lbs.	Large Storage Warehouses, High Shelves & Narrow Aisles	Electric: Lead Acid, Thin Plate Pure Lead & Li-Ion
Class III	2,000 - 10,000 lbs	Loading Areas, Indoors & Long Distances	Electric: Lead Acid, Thin Plate Pure Lead & Li-Ion
Class IV	3,000 - 15,500 lbs.	Indoors, Smooth Floors & Loading Docks	Diesel Fuel, LP Gas, Gasoline & Compressed Natural Gas
Class V	3,000 - 36,000 lbs.	Outside & Inside, Lumberyard, Construction Sites & Warehouses	Diesel Fuel, LP Gas, Gasoline & Compressed Natural Gas

Your forklifts represent a significant investment, and it's crucial to select the best forklift for your specific application and maximize their operational lifespan. For expert tips and advice, visit www.totalwarehouse.com.