

AOEM Work or Service Truck Accessories Selection Guide

Full Size Truck with or without Manufacturers' Bed/Box

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AOEM Work or Service Truck Accessories:

If you are looking for a Work/Service Truck for personal or business use, there are many factors to consider before purchasing the truck and its accessories, such as payload (cargo) capacity*, towing capacity, etc.

Any accessories (dead load) you put on the truck reduces the cargo load (live load). Hence, the lighter your accessories, the more cargo load is available for your truck.

Our Racking Structure is made of high-end Aluminum and is half the weight or less than those of our competitors. Our typical Service Truck Accessories weigh about 800 lbs while our competitors' weigh up to 2,200 lbs, allowing for extra cargo load (live load).

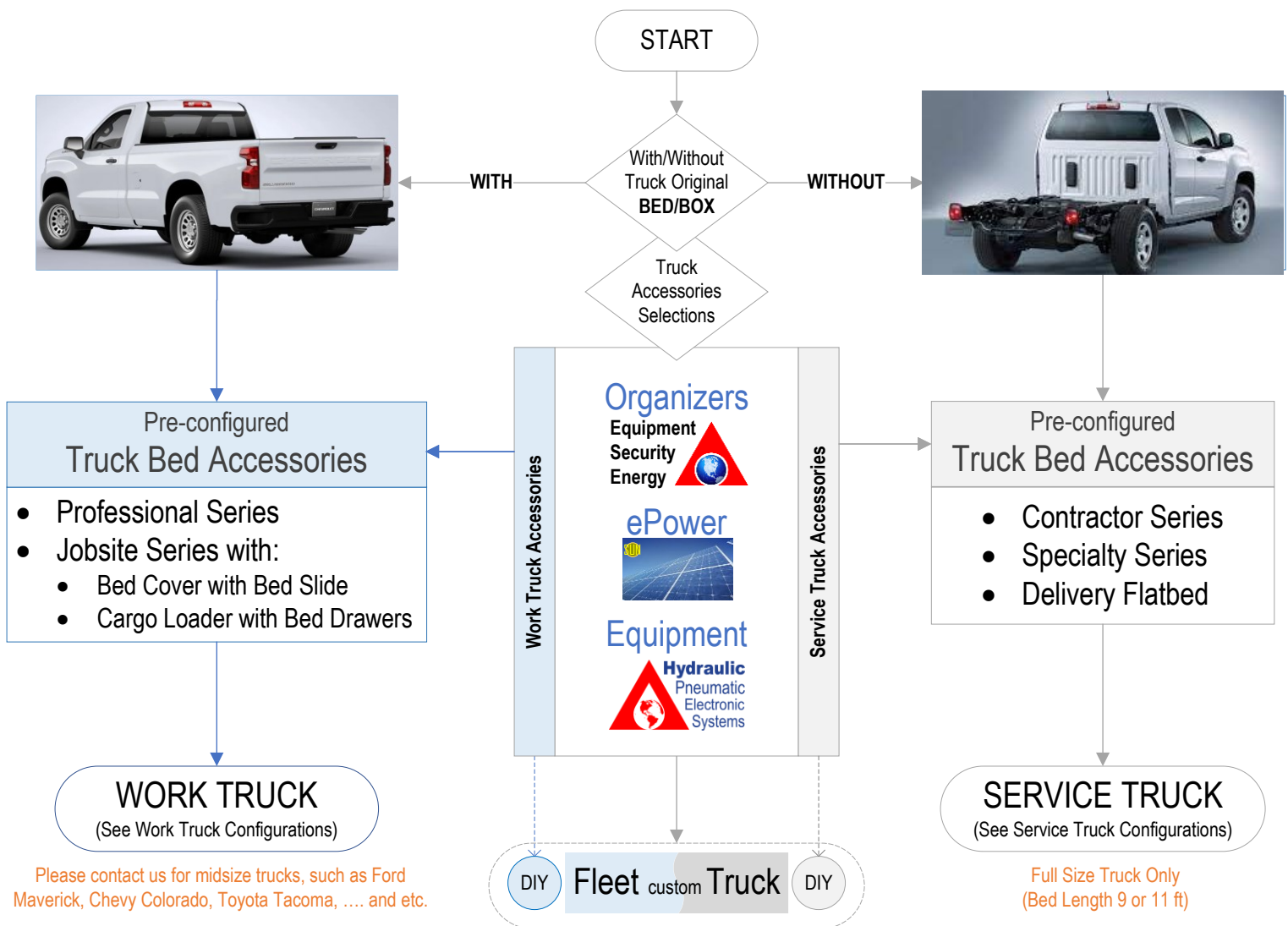
*See Truck Payload Capacity Calculations

Standard Structure Materials:

6000 series Aluminum with Stainless Steel/Corrosion Resistance Hardware

Electronic & Equipment Add-ons:

- > Large Power Bank for Electronic Equipment
 - Hydraulic/Pneumatic/Electronic/Systems
 - Mobile Business Automation/Controls
- > Security System with Remote Notifications
 - Keyless Access and Security Camera
 - Mobile Phone Notification for Alarms



A Fleet is a group of vehicles operated by a single business.

At AOEM, Fleet series work/service trucks are upfit with our accessories and equipment to fit a specific business application.

Understanding Truck Payload Capacity

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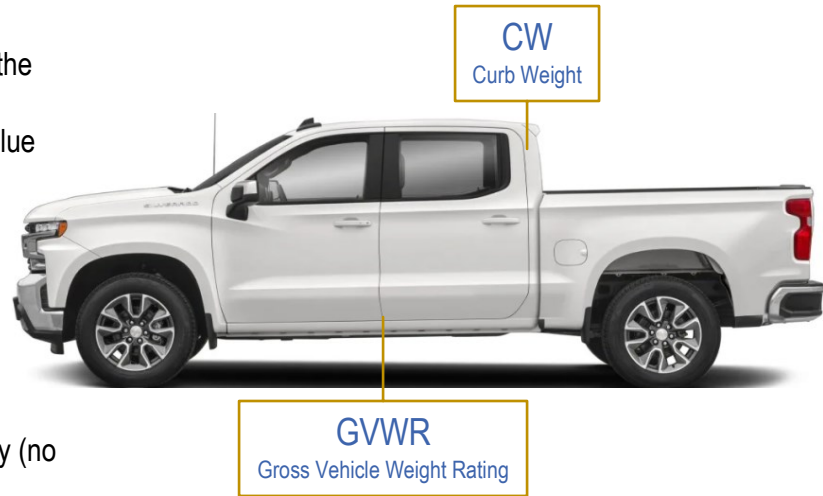
Truck Payload (Cargo) Capacity (TPC)

When selecting the pickup truck for your applications, look at the GVWR (Gross Vehicle Weight Rating) typically located on the door panel or/and owner's manual. The higher this GVWR value is, the more payload and towing capacity the truck can carry.

For example:

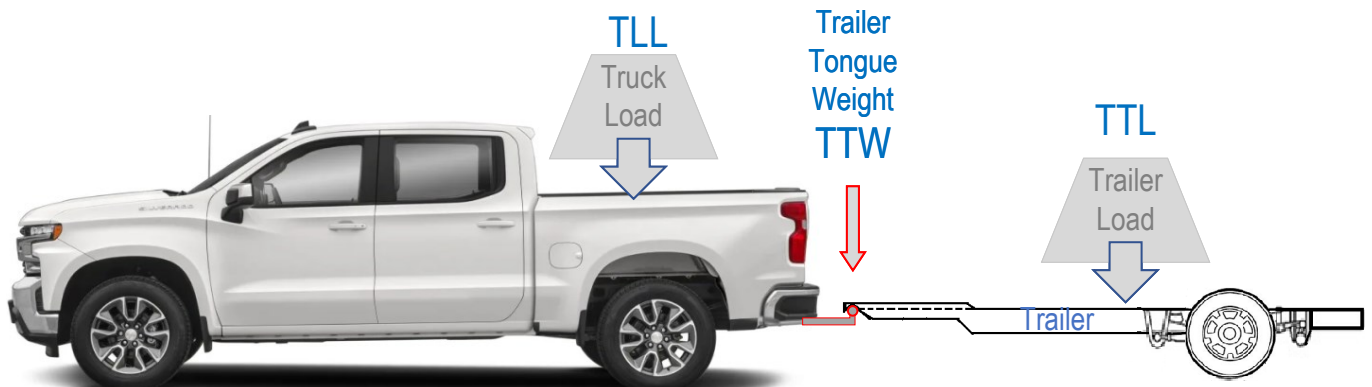
- Small Truck ~ 6,000 lbs
- Light Duty Truck ~ 10,000 lbs
- Medium Duty Truck ~ 10,000 to 26,000 lbs
- Heavy Duty Truck ~ more than 26,000 lbs

Curb Weight (CW) = Truck Weight when it is completely empty (no passenger, no accessories on truck, no cargo, no fuel)



GCVWR (Gross Combined Vehicle Weight Rating) which indicates the total amount for loaded truck and trailer.

Depending on how the Trailer Load is being distributed, the weight of the Trailer Load exerted on the truck tongue is approximately 10 to 12% of total trailer weight (including the load). Trailer Tongue Weight (TTW) is considered part of the Truck Load.



$$\text{Available Truck Payload (Cargo) Capacity (TPC)} = \text{GVWR} - \text{CW} - \{ \text{Accessories} - \text{Passengers} - \text{Fuel} \} - \text{TTW}$$

This information is on the door panel or owner manual

Any Accessories, Ladder Rack, Toolboxes, and etc. mounted on the truck

2 Passengers at 200 lbs each = 400 lbs

Full Tank of gas 15 gal (110 lbs)

Use 12% of Trailer Load or zero if not applicable (no Trailer)