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The Kenworth T880 is a robust, versatile truck designed for a wide variety of applications, making it a popular choice among trucking professionals. One of the most crucial aspects of choosing a truck is understanding its dimensions, as these can significantly impact performance, maneuverability, and suitability for different job types. In this article, we will delve into the dimensions of the Kenworth T880, including its lengths, widths, heights, and weight specifications, while also exploring its advantageous features and practical applications.Overview of the Kenworth T880The Kenworth T880 is renowned for its durability, advanced features, and exceptional driving performance. Built with the driver in mind, this model incorporates a spacious cab and innovative technology to enhance comfort and efficiency. Understanding the dimensions of the T880 can help operators make informed decisions regarding payload capacity, road suitability, and fleet management strategies. Key Features of the Kenworth T880Spacious and ergonomic cab designAdvanced driver assistance systemsFlexible configurations for various hauling needsDurable construction for increased longevityPowerful engine options for maximum performanceKenworth T880 Dimensions: In-Depth Analysis! Overall LengthThe overall length of the Kenworth T880 can vary based on the configuration and type of chassis. Typically, it ranges between:Standard Day Cab Length: 21 to 25 feetSleepers Cab Length: 23 to 30 feetImpact of Length on PerformanceThe length of a truck affects its turning radius and stability. A longer truck can provide better load distribution but might struggle in tight urban environments. Always consider your primary freight routes when determining the suitable length for your T880.2. Width SpecificationsThe Kenworth T880 generally has a width of:Width: Approximately 96 inches (8 feet) for standard modelsConsiderations for WidthThe width impacts the trucks aerodynamics and fuel efficiency. A wider truck may offer more interior space but could face challenges when navigating narrow roads or bridges. Always check local regulations regarding vehicle width limitations.3. Height MeasurementsThe height of the Kenworth T880 plays a vital role in determining its suitability for various jobs.Overall Height: Usually ranges from 130 to 160 inches, depending on the model and configuration.See also 2023 Peterbilt 567: A Comprehensive GuideHeight Considerations for LoadsUnderstanding the height is essential for loads that require clearance. If you often operate in areas with height restrictions, consider the overall height of your T880 before making a purchase.4. Wheelbase VariationsThe wheelbase of the Kenworth T880 can vary to suit different applications. Common wheelbase configurations include:Short Wheelbase: 156 inchesStandard Wheelbase: 200 inchesLong Wheelbase: Up to 240 inchesBenefits of Different Wheelbase LengthsA shorter wheelbase generally offers better maneuverability which is advantageous for local deliveries. In contrast, longer wheelbases provide better stability and weight distribution for heavy loads on highways.Weight Specifications of the Kenworth T880The GVWR (GVWR)The GVWR denotes the maximum operating weight of the truck, including its own weight and the load it can carry. The Kenworth T880 typically has:GVWR: Ranges from 33,000 to 80,000 pounds, depending on the configuration and customer specifications.Importance of Understanding GVWRKnowing the GVWR is crucial for compliance with road regulations and for ensuring that you do not exceed the trucks capacity, which can lead to costly fines and safety issues.See also Heil Python: Mastering the Basics and Beyond6. Curb WeightThe curb weight of the Kenworth T880 varies based on design choices and configurations. It typically ranges from:Curb Weight: 14,000 to 20,000 pounds.How Curb Weight Affects PayloadUnderstanding curb weight is essential when calculating payload capacity. The lighter the curb weight, the heavier the load you can carry, which is critical for maximizing efficiency and profitability.Custom Configurations of the Kenworth T8807. Chassis and Cab OptionsThe Kenworth T880 offers numerous customization options to cater to different industries. Available cab styles include:Day CabMid-Rof SleeperHigh-Rof SleeperChoosing the Right Configuration for Your NeedsWhen selecting a configuration, consider factors such as required comfort, intended distance traveled, and cargo type. Mid-roof sleepers are ideal for long hauls, while day cabs are suitable for local deliveries.8. Body OptionsThe T880 supports various body configurations, including:Dump TrucksConcrete MixersBox TrucksSpecifics on Body TypesEach body type has unique dimensions affecting load capabilities and operational efficiency. Consider your business requirements and consult industry standards to choose the most practical body type.See also Everything You Need To Know About the Peterbilt 567Kenworth T880 Comparison to Competitors9. Dimensions Compared to Other ModelsWhen evaluating the Kenworth T880, its beneficial to compare its dimensions with competitors, such as the Freightliner Cascadia and Peterbilt 579. Heres a simplified comparison:ModelLengthWidthHeightGVWRKenworth T88021-30 ft96 in130-160 in33,000-80,000 lbsFreightliner Cascadia22-28 ft96 in130-156 in33,000-80,000 lbsPeterbilt 57922-30 ft96 in130-160 in33,000-80,000 lbsWhy Comparison MattersComparing dimensions helps prospective buyers to determine which truck best meets their operational needs, budget constraints, and regulatory requirements.Practical Tips for Choosing the Right Kenworth T880 Configuration10. Assessing Your Operational NeedsEvaluating your specific requirements will guide your choice of the ideal Kenworth T880 configuration. Follow these steps:Analyze your typical routes: Consider frequency of highway vs. urban driving.Evaluate load types: Heavy loads versus lighter cargo may require different truck configurations.Consider driver comfort: Long hauls may necessitate a sleeper cab for driver convenience.Frequent Maintenance and Dimension ChecksRegular maintenance is crucial for keeping your Kenworth T880 in optimal condition. Users should routinely check dimension-related aspects such as axle spacing and suspension height to ensure compliance and safe handling.Frequently Asked Questions (FAQ)What is the turning radius of the Kenworth T880?The turning radius of the Kenworth T880 varies based on its wheelbase configuration, generally ranging from 20 to 24 feet, making it suitable for various terrains.Can I customize the dimensions of the Kenworth T880?Yes, the Kenworth T880 can be customized in terms of wheelbase, cab style, and body configuration to meet specific operational needs.What is the maximum payload capacity of the Kenworth T880?The maximum payload capacity depends on the trucks curb weight, GVWR, and configuration. Typically, it ranges from 40,000 to 65,000 lbs, depending on configurations.How does the Kenworth T880 compare to competitors like the Kenworth T800?The Kenworth T880 offers similar dimensions but may excel in driver comfort, advanced technology, and customization options.What are the advantages of a longer wheelbase on the Kenworth T880?A longer wheelbase generally provides better stability and smoother ride quality, especially under heavier loads, making it ideal for long-distance hauling.See also: Understanding Roll Off Trucks: A Complete GuideHow do truck dimensions affect my business operations?Truck dimensions impact maneuverability, load capacity, and compliance with road regulations, making it essential to choose a configuration that meets both operational and legal requirements. The Kenworth T880 dump truck stands as a titan in the world of heavy-duty vehicles, designed for those who demand power, durability, and versatility on the job site. With its robust construction and advanced engineering, the T880 is not just a truck; it's a workhorse that can handle the toughest tasks in construction, mining, and other demanding industries. Design and Build Quality At first glance, the T880 commands attention with its bold, aerodynamic design. The trucks exterior is not just about aesthetics; its engineered for efficiency. The sloped hood and wide windshield enhance visibility, which is crucial for maneuvering in tight spaces. Built on a strong chassis, the T880 is equipped to withstand the rigors of daily use. The cab is spacious and ergonomic, providing comfort for long hours on the road or job site. Performance and VersatilityUnder the hood, the T880 is powered by a range of engine options, allowing operators to choose the right powertrain for their specific needs. Whether you need a fuel-efficient engine for long hauls or a high-torque option for heavy loads, the T880 delivers. Its advanced transmission systems ensure smooth shifting and optimal performance, making it suitable for various applications from hauling dirt to transporting heavy materials.The versatility of the T880 is further enhanced by its customizable configurations. With options for different axle setups, bed lengths, and dump body styles, this truck can be tailored to meet the unique demands of any job. The T880 is not a one-size-fits-all solution; it adapts to your requirements, making it a smart investment for businesses seeking to maximize productivity and efficiency. Technology and FeaturesThe Kenworth T880 is equipped with features that enhance its working capabilities, making it suitable for various applications. Here are some notable working features:1. Fuel Efficiency: The T880 is designed with fuel efficiency in mind, offering options like the Cummins ISL-G engine, which provides up to 600 hp and 2,050 lb.-ft. of torque.2. Proper Loading Techniques: The T880 offers similar dimensions but may excel in driver comfort, advanced technology, and customization options.3. Proper Loading Techniques: Ensure that loads are evenly distributed to prevent weight-related issues. Adhere to the trucks payload capacity to avoid overloading and potential damage.4. Transmission Care: If using an automatic transmission, ensure that the fluid is checked and changed as recommended. Pay attention to shifting patterns and report any irregularities to a qualified technician.5. Driver Training: Invest in comprehensive training for drivers to familiarize them with the T880s features and handling characteristics. Educate drivers on the importance of proper loading and unloading techniques to enhance safety and performance.6. By being proactive about these common problems and implementing the recommended practices, operators can significantly enhance the performance and longevity of the Kenworth T880 dump truck. This approach not only ensures a smoother operation but also helps in reducing overall costs associated with maintenance and repairs. Skip to main content The all-new Kenworth T880 is designed for use by a range of vocational fleets in a variety of configurations, such as this flatbed. The all-new Kenworth T880, which is the new flagship of Kenworth Truck Companys vocational trucks, entered into production in December and was introduced at the 2013 Mid-America Trucking Show. The T880 is designed for vocational fleets, including dump, mixer, refuse, and heavy-haul applications. The new T880 is will complement Kenworths current vocational lineup that includes the T800, T440, W900S, and C500. The lightweight PACCAR MX-13 engine, rated up to 500 hp and 1,850 lb.-ft. of torque, is standard in the Kenworth T880. The T880 can be ordered with a 116.5-inch bumper-to-back-cab (BBC) hood optimized for the PACCAR MX-13 engine or with the 122.5-inch BBC hood. The T880 is also available with the Cummins ISX15 engine with up to 600 hp and 2,050 lb.-ft. of torque. The Kenworth T880 offers truck operators and fleets a very comfortable work environment for drivers, lower operating cost, and enhanced productivity, said Preston Feight, assistant general manager for sales and marketing for Kenworth Truck Company. Key features of the T880 include: Stamped Aluminum Cab: The T880 uses Kenworths 2.1-meter-wide, stamped aluminum cab, which is robotically assembled. The cab has 23 inches of room between the seats. The lightweight cab is new for vocational applications. First introduced with the T680 in 2012, the cabs extensive durability testing regimen focused on achieving the highest requirements for vocational trucks. Robotically assembled, the stamped aluminum panels are connected by Henrob self-penetrating fasteners designed for durability and enhanced resistance to noise, vibration, and corrosion. Panoramic Windshield: The T880 is standard with a panoramic one-piece, bonded-in windshield to provide enhanced visibility. The T880 windshield thickness is designed to minimize damage caused by rock strikes. Aluminum Door: The lightweight, stamped aluminum door can support up to 400 pounds. The door provides smooth airflow around the cab and minimizes noise-inducing turbulence. A pressure relief valve equalizes interior and exterior air pressure to make the door easy to open and close. It is triple sealed against the elements and road noise. Hood and Bumper: The new vocational hood is made of Metton, which is a lightweight, durable composite material with excellent impact resistance and finished surface. The hood, which offers easier and faster repair, is offered in two configurations, both with bolt-on fenders. The T880 is available in a 116.5-inch BBC. It is also available in a 122.5-inch BBC standard length. Both include a five-piece Metton hood. Both hoods have bolted-on fenders to provide great serviceability and quick replacement. The T880 is also available with all the current T800 metal bumpers. Under this new offering for vocational applications, the BBC is 6 inches less than the standard BBC configuration for the T880. As a result, theres enhanced visibility and a tighter turning radius with improved maneuverability. Plus, the T880 provides better overall performance when fully optimized with the 12.9L PACCAR MX-13 engine, said Kevin Baney, Kenworths chief engineer. The grille is made from corrosion-resistant aluminum wire mesh for superior protection of cooling system components. The grilles surround is made of polished stainless steel. With the advanced hood assist system, lifting the hood requires just 35 pounds of opening force. Lighting: The T880 comes standard with dual lamp complex reflector headlamps, which offer best-in-industry performance at a lower cost and more durable package. All standard exterior lights utilize LED technology that provides a 20,000-hour life, which equates to about 15 years of truck life. LED lights are also used extensively in the T880 cab:T880 Vocational Options: The T880 is available with five new, factory-installed and lightweight Watson & Chalin lift axes, including a 10,000-pound offering for the first time and a 20,000-pound version with a 200-pound weight savings. Also offered are new steering gears for improved steering feedback and increased wheelcut for greater maneuverability. In addition, the Kenworth T880 features an air-assisted hydraulic clutch,Driver Performance Center: The Driver Performance Center uses a full-color, high-resolution, 5-inch thin film transistor display screen, which includes current truck information, diagnostic data, and pop-up alerts. The Center also displays situational-specific recommendations, which help improve vehicle performance.Dash: The dash cluster has an easy-to-read layout with nine standard gauges and 12 additional gauges available. The switches utilize the toggling feature that drivers prefer, while maintaining rocker switch functionality. The T880 uses new electric-over-air dash switches introduced on the T680, and offers additional options to aid with vocational and body builder requirements. The Kenworth dash includes Kenworth NavPlus, with hands-free cell phone capability via Bluetooth connections and voice commands. NavPlus is standard with premium interior trim.Seats: The Kenworth proprietary seats offer an advanced air suspension system that automatically adjusts to various driver weights. A full range of seating options is available to meet driver-specific preferences. For the T880, Kenworth offers the DuraSupreme heavy-duty seat fabric in charcoal, gray, and tan. The Kenworth T880s dash cluster has an easy-to-read layout with nine standard gauges and 12 additional gauges available. The T880 uses new electric-over-air dash switches, and offers additional options to aid with vocational and body builder requirements. Kenworth Alt-Fuel Options Available for Fleets For fleets looking to decrease their carbon footprint, Kenworth offers several alt-fuel options. The Class 8 T270 and the Class 7 T370 are each available as a diesel-electric vehicle. The T270 has a 26,000-pound GVW and the T370, which is available either as a straight truck or tractor, offers a GVW range of 26,001 to 33,000 pounds. The trucks come standard with a PACCAR PX-7 engine rated up to 325 hp and 750 lb.-ft. of torque. The optional PACCAR PX-9 is rated at 350 hp and 1,150 lb.-ft. of torque. The diesel-electric option from Eaton features a lithium ion battery and controls for the fuel-saving hybrid system. The Class 7 T440 model is available with a Cummins ISL-G Natural Gas Powered engine rated at 320 hp. Popular with utility fleets, the Kenworth T440 is available with a Cummins ISL-G Natural Gas Power engine. The new Kenworth T880 brochure features comprehensive information on Kenworths flagship vocational truck, Kenworth T880 BrochureAvailable in day cab and 52-inch sleeper configurations, the Kenworth T880 is especially suited for vocational customers who want a durable, reliable and productive truck for demanding dump, mixer, heavy haul, oilfield, logging and refuse applications. The 26-page Kenworth T880 brochure provides detailed specifications on the engine, transmission, axles and suspension, brakes, frame, electrical system, fuel and DEF tanks, bumpers and hood, wheels and tires, cab, seats, interior colors and trim levels, special equipment and available options.The Kenworth T880 is standard with the PACCAR MX-13 engine rated up to 500 hp and 1,850 lb-ft of torque. The PACCAR MX-13 provides a lightweight, fuel-efficient engine for vocational applications, including dumps and heavy haul applications over 100,000 lbs. The T880 can be ordered with a 116.5-inch BBC hood optimized for the PACCAR MX-13 engine and providing improved visibility, or with the standard 122.5-inch BBC hood.The Kenworth T880 uses Kenworths 2.1-meter wide, stamped aluminum cab, which is robotically assembled. The quiet cab has triple-sealed and robust doors and provides a comfortable 23 inches of room between the seats. The T880 also includes an air-assisted hydraulic clutch, complex reflector headlamps, 5-piece Metton hood for easier and faster repairs, and lighter weight, factory-installed lift axes. The Kenworth T880 Brochure is available at [www.kenworth.com/ken/880.aspx](http://www.kenworth.com/ken/880.aspx).Kenworth Truck Company is the manufacturer of The World's Best heavy and medium duty trucks. Kenworth's Internet home page is at [www.kenworth.com](http://www.kenworth.com). Kenworth is a PACCAR company. Kenworth is the manufacturer of The World's Best heavy and medium duty trucks. Kenworth's Internet home page is at [www.kenworth.com](http://www.kenworth.com). Kenworth is a PACCAR company. Canada is the home and native land of Western Forest Products, the largest coastal timberlands operator and lumber producer in British Columbia. For years, the company, which has an annual available harvest greater than 6 million cubic meters (2.5 billion board feet), has relied on a private railway and off-road trucks to move logs to its sort yards, where they then were towed by water to their seven sawmills on Vancouver Island.According to Rick Bitten, senior maintenance manager for Western Forest Products, transporting logs by rail something the company had been doing for decades, will be replaced by highway truck hauling. The railway was used in conjunction with off-highway trucks capable of hauling 60 to 80 ton loads, which were transferred by a reload to the rail cars. The downside of the Fat Trucks is the parts are becoming more difficult to source and they are restricted to off highway hauls.Thats all now changing. In a move that Bitten called an evolution to increase cost competitiveness and improve efficiencies, Western Forest Products turned to the Kenworth T880 to do double-duty transporting timber off- and on-highway.The Western Forest Products fleet numbers 75 trucks, including some well-used Kenworth T800s, and 24 new Kenworth T880s purchased from Inland KenworthCampbell River. The T880s were specifically sped to handle 60-ton payloads. Specialty features include an 11-5/8-inch double frame rail with additional cross-members for added strength, Neway 78,000-pound tridem 54-inch air suspension, and a Meritor 20,000-pound drop axle. Profab Manufacturing added custom cab guards, bunks, and trailer components. The engineering solution from Kenworth was far more in-depth than the solutions we received from the other OEMs we evaluated, Bitten said. There were a whole lot of criteria coming back from Kenworth on what would be required to achieve the 60-ton rating. We liked the idea of them telling us what was required to meet the need.In comparing makes and models, Western Forest Products looked at 40 specific points, including safety, durability, efficiency, serviceability, support, parts availability, and driver comfort, graded on a scale of 1 to 3 with two being average and three being exceptional. Kenworth and the T880 came out ahead, Bitten said.Durability was a key factor, as the trucks average 20 kilometers (12.4 miles) of off-road conditions each trip with most trucks making three to five trips a day, depending on haul distance. Some of the mainline roads are fairly well maintained, but spur roads can prove a challenge. The spur roads don't have a lot of ballast on top, so there can be some really rough surfaces.Any incline above 22 percent is called steep-slope hauling; Western Forest Products trucks can face 26 to 28 percent grades. To handle that, the Kenworth T880s are equipped with 565-hp engines and a 5.25 gear ratio. Tridem drive axles with locking differentials, and automated Eaton UltraShift Plus transmissions designed for vocational applications and including the Hill Start Aid feature also help navigate mountain terrain.Some of our hauls are very demanding, and driver focus is critical. The UltraShift transmission allows the driver to focus on controlling the truck, Bitten said. The Eaton UltraShift is a huge step forward for us, Bitten added. We went in that direction because of the age of our workforce, the ergonomics of the transmission and also for the advantages of reduced maintenance costs.Before the T880s went into service, representatives from Kenworth, Eaton, and Neway provided drivers and mechanics extensive training sessions covering operation of the trucks and components so they'd be ready to manage any situation.According to Bitten, the Kenworth T880 is one of the few trucks in which a driver can actually have three-point contact while climbing in and out of the cab. Kenworth also designed the engine compartment for easy access to maintenance items, and a self-locking mechanism ensures the hood remains in a safe position when open. These little features benefit both our drivers, and technicians, Bitten said.And then there are the mirrors something Bitten liked to point out. The fat trucks we operate are equipped with West Coast style mirrors that stick out far enough to allow drivers to see past the wide 10-foot, 6-inch bunks, he said. But, because of the rough roads, they tend to shake out of adjustment creating delays while readjusting. The T880 solved that issue with standard spec modular mirrors with electronic adjustments.Bitten said he feels a true partnership among Kenworth, its local dealer, Inland Kenworth - Campbell River and Western Forest. Our goal is to establish a long term relationship. Its all about being well supported, getting the right product, and getting through challenges, he said.When you're putting together a log truck, its a joint venture, Bitten concluded. We had some very in-depth things that we wanted done, and Kenworth worked very hard to put the product together that we wanted. It's been a very successful relationship.Kenworth is The Drivers Truck. See what drivers are saying at [www.kenworth.com/drivers](http://www.kenworth.com/drivers).Kenworth Truck Company is the manufacturer of The Worlds Best heavy and medium duty trucks. Kenworths Internet home page is at [www.kenworth.com](http://www.kenworth.com). Kenworth is a PACCAR company. Advanced technology and street-smart design sloped hood, fuel-efficient drivetrain, aerodynamic and job-specific options, unconventional maneuverability and supremely comfortable driving environment make a Kenworth T880 the ideal business partner. DURABLE AERODYNAMIC SIDE MIRRORS Cowl mounted for better stability and located farther forward and lower to optimize rearward visibility. The convex portion is 37 percent larger than Kenworths standard convex mirror design COMPLEX REFLECTOR HALOGEN HEADLIGHTS Lighting performance of projector beam systems without the extra cost. Designed with extra thick polycarbonate lens and UV inhibitor, the headlamps will stand up to years of service without any complaints. FORWARD FENDER Keep dirt, mud and spray at bay with Kenworths optional forward fender close-out accessory, a great idea when youre running off the beaten path or with bigger tires. 5-PIECE HOOD Bolt-on fenders for quick replacement to get you back on the work site. Each fender can be replaced in less than two hours. PRE-CLEANER The optional pre-cleaner is a great addition when operating in dusty environments like feed lots, road building or ready-mix operations.

**What is the difference between a kenworth t680 and a t880. What engine is in the kenworth t880. What is the difference between a kenworth t800 and t880. Kenworth t880 custom. Kenworth t880 specs. How much does a kenworth t880 weight. Kenworth t880 price. What transmission is in a kenworth t880.**