



Technical Specification Kenworth 963S oilfield truck, new



GAWR RATINGS

Front Axle Weight Rating	40.000 Lb.	18.140 kg
Rear Axle Weight Rating	150.000 Lb	68.030 kg
Gross Vehicle Weight Rating	190.000 Lb.	86.168 kg
Gross Combination Weight Rating	500.000 Lb.	226.757 kg

29 - 30 Foot Body DIMENSIONS

Wheelbase	420 inches	10.668 mm
Back of Cab to Axle	316.25 inches	8.033 mm
Cab to End of Frame	398.25 inches	10.116 mm
Overall Chassis Length	562 inches	14.275 mm
Overall Chassis Width	145 inches	3,683 mm
Overall Chassis Height	149 inches	3,785 mm

ENGINE and EQUIPMENT

Caterpillar C15 (Electronic) Engine with 540 Horsepower and 1,820 lbft Torque

Bendix 31.7 CFM High Capacity Air Compressor

Dual, 16 inch Donalclone "Two Stage" Air Cleaners Mounted on Fenders



Constant Torque Clamps on Air Intake Piping for Severe Service Operations
Non-Clutching Fan Hub with Nylon Fan for High Ambient Temperature Operations
High Capacity 1,800 SQIN Single Radiator and Vee-Style Grill
Silicone Coolant Hoses with Stainless Steel Clamps at All Connections
Dual, Vertical, Cab-Mounted Exhausts with Tailpipes and Perforated Heat Shields
Spin-On Coolant Filter for Easy Maintenance
DAVCO "Fuel Pro" Fuel Filter / Water Separator-Unheated
Full Flow Oil Filter plus By-Pass Oil Filter
Chassis Electric System is 12 Volts with a 130 Ampere Alternator
Four (4) Heavy-Duty, 12 Volt, Group 31, Taper Post, Batteries. 2800 CCA rating
12 Volt Electrical Starter
Battery Disconnect Switches Mounted on the Battery Box

TRANSMISSION and EQUIPMENT

Clark 8820, Seven Speed, Powershift Transmission with Integral Transfer Case
Clark 8652 Torque Converter
Seven Forward and Two Reverse Speeds
Front Axle Manual Engage with Automatic Disengage in 5th, 6th & 7th Gears
High Capacity, Transmission Oil Cooler / Heat Exchanger
Clark Integral PTO to Drive the Mechanical Drive Type Winch
Note: Hydraulic Drive Winch is not compatible with Clark Transmission PTO
Heavy Duty Drivelines with Full Round Yokes

FRONT AXLE and EQUIPMENT

Clark 16F1841, 18,143kg (40,000 lb) Planetary Hub Reduction, Front-Driving-Axle.
Ratio 15.261:1
20 inch X 5 inch Brakes with Dustshields
Front "Slipper Type" Springs with Radius Rods with 18,143kg (40,000 lb) rating
Dual, Heavy-Duty Sheppard model 592 Power Steering Gears

REAR AXLE and EQUIPMENT

Clark 19T3847, 68,039 kg (150,000 lb.) Planetary Hub Reduction, Dual Rear Axles
Ratio 15.27:1



20 inch X 7 inch Brakes with Dustshields

Limited Slip Differential in Rear Axles

Type 36 Dual Spring Brakes

Kenworth KWCB 68,039 kg (150,000 lb.) Rear Suspension with 75" Axle Spacing

Nominal Ground Rating of Axle and Suspension is 150,000 Pounds

TIRES

29.5 X 25 Tires with tubes (2-front, 4-rear, 2-spare)

Kenworth Steel Wheel Assemblies for 29.5 X 25 Tires (2-front, 4-rear, and 2-spare)

FRAME and EQUIPMENT

11-5/8 inch X 3/8 inch Heat Treated (110,000 PSI Yield Strength) Steel Frame Rails

Full Length Frame Insert for Main Frame Rail

10-5/8 inch X 3-1/2 inch X 5/16 inch "Stacked" Top Frame Rail

Heavy Duty, Tubular Bumper with Radiator Guard and Center Mounted Tow Pin

Two (2) 1,040 liter (275 US Gallon) each Steel Fuel Tanks with sediment traps

Fuel Tanks Located One Left Side & One Right Side Back of Cab

Steel battery Box with Aluminum Diamond Plate Cover mounted under cab on left side

Toolbox with Aluminum Diamond Plate Cover mounted under cab on right hand side

Extended Steps with Flexible Brackets for Cab Access LH and RH

Mounting Base for Braden Winch

Straight End of Frame

KENWORTH NEW DESIGN "B" CAB

Conventional Extended Space Cab of Aluminum, Steel and Fiberglass Construction

Kenworth Heavy Duty Fiberglass Roof to reduce chance for corrosion and leaks

Aluminum Roof Cap is not available. Will supply Wire Basket over Cab Roof.

Sheetmetal Hood with Steel Butterfly Top Panels and Fiberglass "Drop-in" Side Panels

Wide - Steel Sheetmetal Fenders with Non-Skid Paint on top side

Steering Column will be fitted with Tilt and Telescopic Adjustment Capabilities

Fresh Air Heater - Air Conditioner with Integral Defrosters

Condenser for Air Conditioning System is mounted behind the V-Style Front Grill



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Vehicle Operation Warning Lights and Gauges with Metric Readings

Electronic (KPH reading) Speedometer with Trip Meter

Electronic Tachometer with Integral Engine Hourmeter

Note: Kenworth Supplied Engine Hour Meter is now included with Tachometer

Front Axle Engagement Warning Light

Dual Air Reservoir Pressure Gauges with Integral Warning Light

Air Application Gauge

Air Filter Restriction Gauge (same as Air Cleaner Restriction Indicator Gauge)

Engine Oil Pressure with Integral Warning Light

Engine Oil Temperature Gauge is no-longer-available replaced by a pressure gauge

Engine Coolant Temperature with Integral Warning Light (water temp gauge)

Clark Transmission Converter Oil Pressure Gauge and Oil Temperature Gauge

Clark Tail-shaft Tachometer (same as mechanical tachometer)

Fuel Tank Level Gauge

Electrical Voltmeter with Integral Warning Light

Electrical Ammeter with Integral Warning Light

Kenworth "Splendor" Cab Interior with Slate Gray Color

Kenworth Air-Cushion Driver Seat, Intermediate back covered with Mordura Material

Kenworth Toolbox Passenger Seat, Intermediate back covered with Mordura Material

Seat Belts Installed in Driver and Passenger Seats

Cut – Out, Wiring, Antenna, and Speakers for Customer Installed Radio / Cassette

Arabic Language Nameplates Shipped Loose for local installation

Grab Handles on Left and Right Hand Sides of the Cab

Kenworth Daylight type Door

View Window in Right Hand Door

Single Convex Mirror above Right Hand Door

Dual Air Horns and Single Electric Horn Mounted Behind the Vee-Style Grill

Dual, Wide-Load Width Mirror Brackets with 7 inch X 16 inch Mirrors

17 inch X 36 inch Sliding Rear Cab Window plus Corner Post Windows in Cab

Exterior Sunvisor

Electric, Two-Speed, plus Intermittent Speed, Windshield Wipers

Electric Back



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LIGHTS

Single Round Extended Life Halogen Headlamps

Dual Roof-Mounted Marker Lights

Single, Driver Operated, Halogen Spotlight mounted Left Hand Side

Front Turn Signals Fender-Mounted with Guards

Rear Signals are Combination Stop / Tail / Turn / Back-up Lights Recessed in Body

Dual, Revolving Amber-Color Beacon Lights on Cab Roof

AIR EQUIPMENT

Bendix High-Capacity Air Dryer

Midland Automatic Moisture Ejection Valve

Full Truck / Tractor Air Kit

Manual Tire Inflation Package with 50 foot Hose, Gauge and large-Bore Chuck

Tire Inflation Fittings on Front and Rear of Chassis

PAINT

Cab to be Painted Customer preferred DuPont Imron Color Paint

Chassis Frame, Front Bumper and Brush-guard to be painted preferred color

MISCELLANEOUS EQUIPMENT and MANUALS

30 metric ton capacity Hydraulic Jack

Wheel Nut Lug Wrench for Clark Axles

Fire Extinguisher Located Outboard of Driver's Seat in Cab

Three total sets of Parts and Maintenance (Workshop) Manuals will be provided.

Manual Information will be provided electronically on compact disc for the components that is available from the Original Equipment Manufacturer in an electronic format

Vehicle Maintenance manual information is not available electronically for inclusion in a compact disk. Maintenance manual information will be provided on paper in binders