



6964SX 6X4 43 US ton Truck

Dimensions

- * Wheelbase - 5740 mm
- * Overall Length - 9400 mm
- * Overall Width - 3250 mm
- * Overall Height - 4100 mm

Weights

- * Gross Vehicle Mass (GVM) - 62 500 kg
- * Front Axle Load - 12 500 kg
- * Rear Axle Load - 50 000 kg
- * Curb Weight incl body from - 23 500 kg
- * Payload - 39 000 kg (43.5 US t)

Engine & Transmission

- * Cummins ISX 15litre, Turbocharged Inter-cooled Diesel Engine
- * Rated Power Output 317 Kw (425hp) @ 2000 RPM
- * Max Torque 1960 Nm (1450lbf) @ 1200 RPM
- * Single Vertical Exhaust
- * Dual Donaldson Air Cleaners with three stage air filtration
- * Cummins Interbrake for dynamic retardation.
- * 9355 cm² "Glacier" Core Radiator on shock absorber mounting.
- * DELCO 12 Volt, 135 AMP Alternator, & 42MT-450 12 Volt Starter
- * Two 12 Volt Batteries
- * 6spd Allison Automatic HD4560P with lockup from 2nd gear.
- * 2spd AT1202 auxiliary for use on extreme gradients.

Front Axle

- * Sisu Front Axle (12 500Kg. Rated)
- * 42 cm x 15 cm drum type air brakes
- * Slipper Spring Suspension with Torque Rods

Rear Axle

- * Meritor (Rockwell) SPRC 1927 Hub reduction, Tandem Rear Axle (50 000 Kg Rated) with high mount breather tubes.
- * Interaxle Difflocks and hitrac gearing to prevent X axle spinout.
- * 51.5 cm x 18 cm SCam dry drum brakes with failsafe spring actuation should air system fail.
- * Chalmers 865-110 High Articulation Rubber Block Rear Suspension (50 000 Kg Rated) offering outstanding traction.

Frame and Equipment

- * Triple Channel 9.53 x 273 mm x 6.35 mm high tensile straight through steel rails.
- * Off road tubular cross-member package offering durability and flexibility.
- * Air tanks are fitted in chassis rail for protection and air hoses are wire braided for durability.
- * A skidpan is fitted in front for engine protection.
- * Heavy Duty Logger Bumper fitted with 70-ton tow hitch for easy recovery.
- * Heavy Duty Tow hitch mounted on rear cross-member for towing or recovery.
- * 90US gal (340litre) diesel tank and 60US gal (230litre) hydraulic reservoir fitted on either side of cab with severe service J brackets and straps.

Cab & Hood

- * Western Star, Galvanized Steel Conventional Cab with Severe Service Reinforcements & External Sun-Visor
- * Air Suspension Driver's Seat & Mid Back Fixed passenger seat with Fixed, 3 Point Seat Belts
- * Butterfly hood with removable sides and steel fenders are also available.

Tires & Wheels

- * Front Tires: Tubeless 14.00 R 25 3* on-off road pattern
- * Rear Tires: Tubeless 14.00 R 25 3* on-off road traction pattern
- * Optional rock pattern tyres can be fitted for long life in quarry type applications.

Convenience Items

- * Air conditioning and air suspended drivers seat.
- * Hinged Dash Panels for Easy Access to Gauges and Wiring.
- * Air Ride Cab Support.

Operational Performance

- * Top Speed up to 80km/h with fully laden cruise of 70km/h.
- * Net start ability fully laden up to 33%.

Tipping Bodies

- * Recommended overburden body size 19 cubic meters struck 23 cubic meters heaped Standard tipping body 3000mm inside width, 5460mm inside length, 3130mm load over height. Remove cable operated tail gate fitted as standard for maximum load retention.
- * Bodies built from Hardox 400, 1250Mpa Tensile strength, up to 430 brinell hardness.
- * Rock ejectors and mud flaps fitted to tipping body for maximum safety.
- * Recommended coal body size 30 cubic meters struck 36 cubic meters heaped.
- * Flat Deck, Bath Tub and Box type bodies available.

PTO and Hydraulics

- * Muncie CS10 "Hot shift" PTO.
- * Meiller positive displacement piston pump.



MODEL 6964SX



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**Specifications are subject to change without notice. Capacities are approximate values. Optional components and body designs are available to suit your application requirements. Photograph is for illustrative purposes only may feature non-standard or current items.*