

**660 HP**

# SITRAK C9H

## DRIVELINE

Power: 485 kw @ 1800 rpm  
Torque: 3200 Nm @ 1200 rpm  
Transmission: 12 Speed ZF Traxon  
Diff Ratio: 3.7

## CAPACITY

Wheelbase: 3,200 mm  
GVM: 25,000 kg  
GCM: 130,000 kg

## SAFETY

Adaptive cruise control (ACC)  
Advanced emergency braking (AEB)  
Front Collision Warning (FCWS)  
Lane departure warning (LDW)



# SPECIFICATIONS C9H 6x4 Euro 6 Prime Mover

## ENGINE

660 hp Euro 6 WEICHAİ WP15H660E62A

**Type:** 6-cylinder 24 valve SOHC

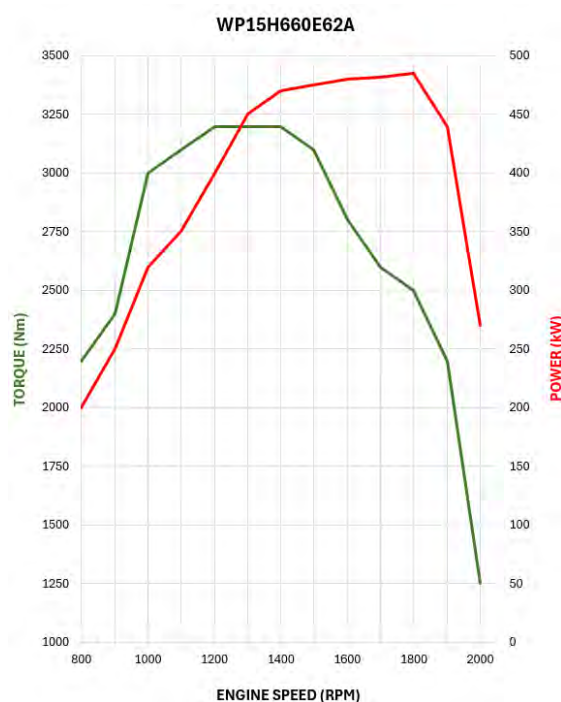
**Total Displacement:** 15.300 litre

**Power Rating:** 485 kw @ 1800 rpm

**Maximum Torque:** 3200 Nm @ 1200-1400 rpm

**Emissions Technology:** Selective Catalytic Reduction and Diesel Particulate Filter

**Exhaust:** Catalytic muffler with SCR catalyser and Diesel Particulate Filter



## TRANSMISSION

12-speed ZF Traxon Automated Manual Transmission (AMT)

**Model:** 12TX3221TO

**Type:** 12 Speed AMT

**Forward Ratio:** 12.92, 9.98, 7.69, 5.93, 4.57, 3.53, 2.83, 2.19, 1.68, 1.30, 1.00, 0.77

**Reverse Ratio:** 12.03, 9.29

**Operation:** 2-pedal operation with automatic and manual shift control

**Power Take Off:** ZF NH/4C (Optional)

**Retarder:** ZF Intarder 3

## CHASSIS

**Type:** Trapezium frame

**Dimensions:** 270 x 85 x 8 mm steel channel

**Chassis Width:** 940mm (front)

760mm (rear)

Front Underrun Protections (FUP)

## STEERING

**Type:** Bosch HD steering gear with gear driven pump

**Gear Ratio:** 17.00~20.00:1

**Wheel Lock Angle:** Axle 1: 43.0° (inside), 29.0° (outside)

## FRONT AXLE & SUSPENSION

**Type:** VPD71DS (Disc)

VPD75ES (Optional)

**Capacity:** 7.0 tonne

**Suspension Type:** Non-Independent 3 parabolic leaf springs with hydraulic shock absorbers

## REAR AXLE & SUSPENSION

**Type:** MCY13BES (Disc)

**Capacity:** 18.0 tonnes

**Ratios:** 3.70 (optional: 3.08, 3.36, 4.11, 4.63, 5.29)

**Suspension Model:** Sinotruk Air Ride

**Type:** 8 bag with ECAS to control ride height

**Differential:** Driver controlled inter-axle lock and differential lock

## BRAKES

**Type:** Full air front and rear disc brakes

**Control:** Wabco EBS/ESC/ASR/HSA

**Park Brake:** Spring Brake acting on axle 2 & 3

**Auxiliary Braking:** Compression engine brake and 5 stage retarder

**Front Diameter:** 430 mm disc

**Rear Diameter:** 375 mm disc

## FUEL CAPACITY

**C9H 6x4:** 700 litre rectangular aluminium tank (LHS)

300 litre rectangular aluminium tank (RHS)

90 litre AdBlue tank (RHS)

## ELECTRICAL SYSTEM

**Type:** Double/Control Positive Pole

**Voltage:** 24 Volt

**Batteries:** 2 x 12V 240 Ah (1000CCA) Deep Cycle with isolator switch

**Alternator:** 28 Volt – 120 Amp

**Starter:** 24 Volt – 5.5 kW

CAN bus access plug for telematics (optional)

## WHEELS & TYRES

**Wheel Type:** 10-stud 335 mm alloy

**Rim Size:** 22.5x9.0 (front)

22.5x8.25 (rear)

**Tyres:** 295/80 R22.5 (front)

11R22.5 (rear)

**Tyre Rating:** 14,200 kg at 130 PSI (front)

23,200 kg at 125 PSI (rear)



### CAB FEATURES

- 90° opening doors with electronically operated windows
- Anti-slip steps
- Auto and rain sensing windscreen wipers with two speed selection and adjustable intermittent mode
- Class V and Class VI mirrors (LHS kerb and front kerb mirrors)
- Cornering fog lamps
- Daytime Running Lights (DRL)
- Electrohydraulic cab tilt
- Exterior temperature sensor
- Four-point cab mounting system with air bag suspension
- Heated and electric exterior mirrors with independent convex "spotter" mirror
- Keyless start and entry with central locking and immobiliser
- Reverse beeper
- Translucent sun visor

### CAB INTERIOR FEATURES

- 12.2" Multimedia touchscreen Radio/Wi-Fi/Bluetooth and steering wheel controls
- 360° Birdseye view camera: front, rear and side facing including recording
- Air adjusted tilt and telescopic steering wheel
- Apple CarPlay and Android Auto (optional)
- Automatic climate control
- Courtesy and reading lights
- Dual zone drawer fridge/freezer
- Fully adjustable self-levelling air suspension driver's and passenger seat with headrest, armrest, heated and ventilated, adjustable damper and integrated lap-sash retractor seat belt
- Interior LED trim lighting
- Overhead storage compartments, centre console drawer and tray, dual cupholders, door pockets.
- Sleeper cab air conditioning
- USB and cigarette lighter power outlets

### DRIVER CONTROL FEATURES

- Air horn switch
- Active cruise control/cruise control switch
- Combination switches controlling exhaust brake, manual gear selection, retarder, turn indicators and windscreen wipers
- DPF regeneration and override buttons
- Fuel primer switch (automatic off)
- Hazard lights
- Headlight levelling switch
- Push to Start
- Rotary style gear selector with crawler gear selector

### ADVANCED SAFETY FEATURES

- Adaptive Cruise Control (ACC)
- Automatic Emergency Braking (AEB)
- Blind Spot Camera (turn signal triggered)
- Front Collision Warning System (FCWS)
- Lane Departure Warning (LDW)

### DIGITAL CLUSTER

- Active Cruise Control display with distance and speed readout
- AdBlue gauge
- Air Pressure gauges (tank 1 and tank 2)
- Coolant temperature
- Driver profiles
- DPF filter gauge
- Engine hour meter
- Fuel consumption
- Fuel gauge
- Multimedia display
- Speedometer with digital read out
- Tachometer
- Trip meter
- Tyre Pressure Monitor

### WARRANTY AND ROADSIDE ASSISTANCE

Standard Factory Warranty\* (whichever comes first):

3 years or 600,000km

Driveline Warranty (whichever comes first):

3 years or 1,000,000km

Warranty on Dealer Fitted Accessories:

12 months unlimited kilometres



\*Warranty on batteries is 12 months from delivery date

## DIMENSIONS

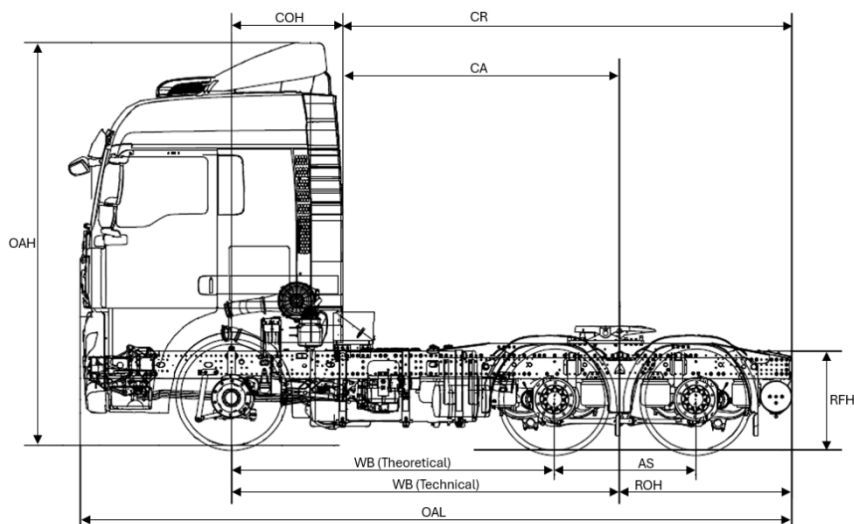
Measurements in mm/Weights in kg

|                                      |                |         |
|--------------------------------------|----------------|---------|
| Chassis Model                        |                | C9H 6x4 |
| Overall length (OAL)                 |                | 7,042   |
| Nominal Body Length (CA+WBx0.6 -100) |                | 1,492   |
| Front Overhang (FOH)                 |                | 1,490   |
| Wheelbase (WB)                       |                | 3,200   |
| Bogie Axle Spread (AS)               |                | 1,400   |
| Rear Overhang (ROH)                  |                | 1,650   |
| Cab Overhang (COH)                   |                | 1,100   |
| Cab to Axle (CA)                     |                | 2,800   |
| Cab to Rear (CR)                     |                | 4,450   |
| Front Track (FT)                     |                | 2,041   |
| Rear Track (RT)                      |                | 1,830   |
| Outer Rear Track (ORT)               |                | 2,462   |
| Ground Clearance <sup>^</sup>        | Front          | 293     |
|                                      | Rear           | 256     |
| Turning Circle                       | Kerb to Kerb   | 15,002  |
|                                      | Wall to Wall   | 16,788  |
| Approach Angle (°)                   |                | 14      |
| Departure Angle (°)                  |                | 26      |
| Cab Height (OAH) <sup>^*</sup>       | Unladen height | 3,980   |
|                                      | Laden Height   | 3,910   |
| Cab Width (CW)                       |                | 2,440   |
| Front Suspension Height <sup>^</sup> | Unladen        | 1,035   |
|                                      | Laden          | 965     |
| Rear Suspension Height <sup>^</sup>  | Unladen        | 1,010   |
|                                      | Laden          | 980     |
| Rear Frame Height (RFH) <sup>^</sup> |                | 1,010   |
| Chassis Width                        |                | 760     |
| Mass Rating                          | GVM            | 25,000  |
|                                      | GCM            | 130,000 |
| Chassis mass front <sup>#</sup>      |                | 5,150   |
| Chassis mass rear <sup>#</sup>       |                | 4,250   |
| Chassis mass total <sup>#</sup>      |                | 9,400   |

<sup>^</sup>Measurement based on front axle tyres 295/80R22.5 and rear axle tyres 11R22.5

<sup>#</sup>Weights are to standard configuration and include cab chassis with no driver and 10L of fuel

\*Cab Height does not include roof top parking air conditioner height



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