



SITRAK

SITRAK-C9H

6x4 PRIME MOVER



SPECIFICATIONS C9H 6x4 Euro 6 Prime Mover

ENGINE

660 hp Euro 6 WEICHAİ WP15H660E62A

Type: 6-cylinder 24 valve SOHC

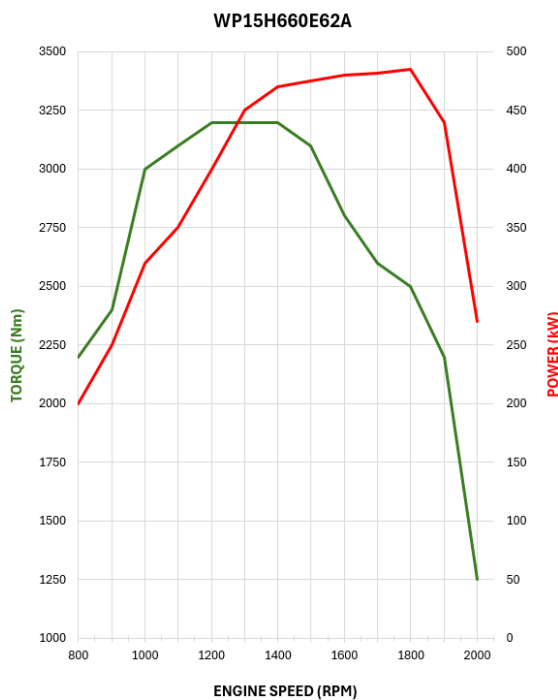
Total Displacement: 15.300 litre

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: Ladder frame

Dimensions: 270 x 85 x 8 mm steel channel

Chassis Width: 940mm (front)

760mm (rear)

Front Underrun Protection (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: VPD75ES (Disc)

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: 3.36 (optional: 3.08, 3.70, 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
- Central locking and immobiliser
- 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
- Translucent sun visor

CAB INTERIOR FEATURES

- 12.2" Multimedia touchscreen Radio/Wi-Fi/Bluetooth and steering wheel controls
- 240V Power outlet (1000W max)
- 360° Birdseye view camera: front, rear and side facing including recording
- Air adjusted tilt and telescopic steering wheel
- Apple CarPlay
- Automatic climate control
- Courtesy and reading lights
- Dual zone drawer fridge/freezer (30L combined)
- Fully adjustable self-levelling air suspension driver's and passenger seat with headrest, armrest, heated and ventilated (driver only), 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 button
- Fuel primer switch (automatic off)
- Hazard lights
- Headlight levelling switch
- 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)
- Hill Start Assist (HAS)
- 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

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

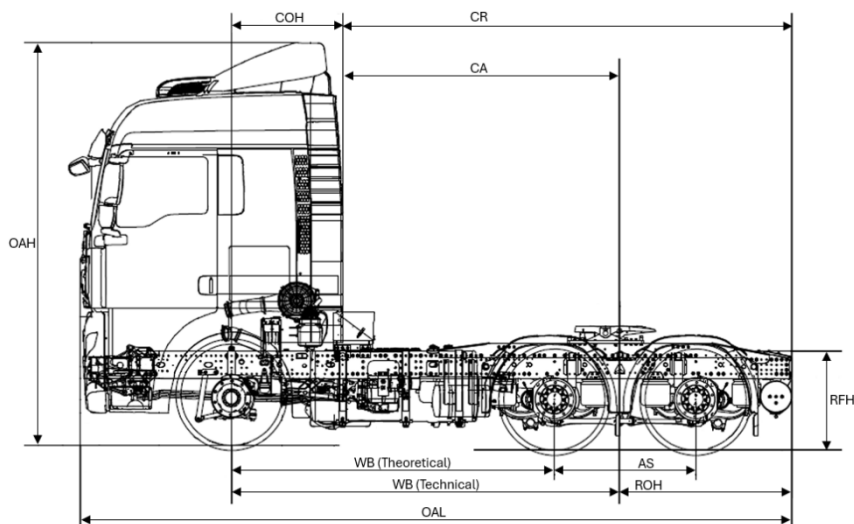
Measurements in mm/Weights in kg

Chassis Model	C9H 6x4	
Overall length (OAL)	7,042	
Front Overhang (FOH)	1,492	
Wheelbase (WB) Theoretical	3,200	
Wheelbase (WB) Technical	3,900	
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^	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)^*	Unladen height	3,980
	Laden Height	3,910
Cab Width (CW)	2,440	
Front Suspension Height^	Unladen	1,035
	Laden	965
Rear Suspension Height^	Unladen	1,010
	Laden	980
Rear Frame Height (RFH)^	1,010	
Chassis Width	760	
Mass Rating	GVM	25,000
	GCM	90,000
Chassis mass front#	5,150	
Chassis mass rear#	4,250	
Chassis mass total#	9,400	

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

#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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