



# Specifications

C7H 6x4 Prime Mover



## LK AUTO PTY LTD

A. 8 Progress Cct,  
Prestons NSW 2170  
P. 02 8119 7609  
E. [info@lkauto.com.au](mailto:info@lkauto.com.au)  
W. [lkauto.com.au](http://lkauto.com.au)

## Features

- 540hp MAN Technology Euro V Engine
- 12 Speed ZF TraXon AMT Gearbox
- Driver and Passenger ISRI Heated and Ventilated Seats
- Adaptive Cruise Control and Lane Departure Warning
- Differential Locks and Cross Locks
- Jost Fifth Wheel



# SPECIFICATIONS C7H PRIME MOVER

## DIMENSIONS (mm)

		Low Roof (SWB)	High-Roof (LWB)
OAL	Overall length	7100	7108
FOH	Front overhang	1475	1475
WB	Wheelbase	3900	4100
	Axle Spread	1400	1400
RO	Rear overhang	1725	1533
FSC		805	1090
RT	Rear Track	1816	1816
ORT	Outer Rear Track	2500	2500
	Front ground clearance	270	270
	Rear ground clearance	200	200
	Turning circle (kerb to kerb)	15010	15580
	Turning circle (wall to wall)	16790	17380
	Approach Angle (°)	15	15
	Departure Angle (°)	46	46

## CAB DIMENSIONS (mm)

		Low Roof (SWB)	High-Roof (LWB)
OH	Unladen height	3595	4040
	Laden height	3524	4015
CW	Cab width	2490	2496

## SUSPENSION (mm)

		Low Roof (SWB)	High-Roof (LWB)
RFH	Unladen	1010	983
	Laden	980	953

## MASS RATINGS

- GVM / GCM 25.0 tonnes / 75.0 tonnes

	Low Roof (SWB)	High-Roof (LWB)
Chassis mass front	5.08 tonnes*	5.40 tonnes*
Chassis mass rear	3.59 tonnes*	3.54 tonnes*
Chassis mass total	8.67 tonnes*	8.94 tonnes*

\*Weights are to standard configuration and include chassis cab with no driver or fuel

## ENGINE

540 hp MAN Technology MC13.54-50

**Power Rating:** 397 kw @ 1900 rpm

**Maximum Torque:** 2500 Nm @ 1050-1350 rpm

**Emissions Technology:** Selective Catalytic Reduction

**Total Displacement:** 12.419 litre

**Exhaust:** Catalytic muffler with integrated SCR catalyser

## TRANSMISSION

12-speed ZF TraXon AMT

**Model:** ZF12TX2621TD

- 2-pedal operation with automatic or manual shift control

**Standard:** Retarder

## STEERING

**Type:** ZF 8098 power-assisted with gear driven pump

**Gear Ratio:** 23:01 (22.20-26.20)

## FRONT AXLE & SUSPENSION

**Type:** HF7 (Disc)

**Capacity:** 7.0 tonnes

**Suspension Type:** Non-Independent 3 parabolic leaf springs

## REAR AXLE & SUSPENSION

Sinotruk MCY13 (Disc)

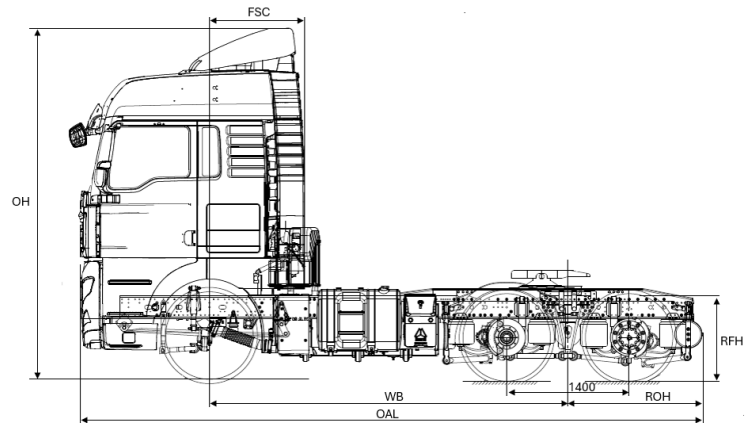
**Capacity:** 18 tonnes

**Ratios:** 3.70

- Optional: 2.85, 3.08, 4.11

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

**Differential:** Driver controlled differential locks



## BRAKES

**Type:** Wabco EBS/ESC/EBL/ASR

**Park Brake:** Spring stored energy air cut brake

**Auxiliary Braking:** Air controlled exhaust brake and Retarder

**Front Diameter:** 375 mm Disc

**Rear Diameter:** 430 mm Disc

- Aluminium air reservoirs

## FUEL CAPACITY

**Low Roof:** 600 litre rectangular aluminium tank & 90 litre AdBlue tank (RHS) and 370 litre rectangular aluminium tank (RHS)

**High-Roof:** 800 litre rectangular aluminium tank & 90 litre AdBlue tank (LHS) and 370 litre rectangular aluminium tank (RHS)

## CHASSIS

**Type:** 270 x 85 x 8 mm medium tensile steel channel

- Polypropylene bumper with fog and driving lights

- FUPS

- Trapezium Frame

## ELECTRICAL SYSTEM

**Type:** Double/Control Positive Pole

**Voltage:** 24 Volt

**Batteries:** 2x12V 180 Ah with isolation switch

**Alternator:** 28 Volt – 80 Amp 2.0 kw

## WHEELS & TYRES

**Wheels:** 22.5x9.0 10-stud 285 mm PCD steel

**Front Tyres:** 295/80 R22.5

**Rear Tyres:** 11 R22.5

## CAB FEATURES

- Fully adjustable ISRI self-levelling air suspension driver's and passenger seat with headrest, armrest, heated and ventilated, adjustable damper and integrated lap-sash retractor seat belt
- Lane Departure Warning (LDW)
- Automatic Emergency Braking (AEB)
- Active Cruise Control (ACC)
- 90° opening doors with electronically operated windows
- LCD Multimedia touchscreen Radio/Wi-Fi/Bluetooth and steering wheel controls
- Overhead storage compartments, centre console drawer and tray, dual cupholders, door pockets, passenger dash tray
- Automatic climate control
- Daytime Running Lights (DRL)
- Hydraulic cab tilt
- Four-point cab mounting system with air bag suspension
- Double Bunk (High-Roof)
- Sleeper cab cooler
- Heated and electric exterior mirrors with independent convex "spotter" mirror
- CCTV 4 camera front, rear and side facing
- Under bunk dual zone fridge and freezer