



FOTON



**TRUCK**

MODEL-EST 460  
6x4 AMT TRACTOR

# Model Parameters

## MASS DATA

kg

Manufacturer' s Gross Vehicle Mass (GVM)	33 500
Manufacturer' s Gross Combination Mass (GCM)	56 000
Manufacturer' s Front Axle Mass (GA Front)	7 500
Manufacturer' s Rear Axle Mass (GAU Rear)	26 000
Permissible Gross Vehicle Mass (V)	25 500
Permissible Gross Combination Mass (D/T)	56 000
Permissible Front Axle Mass (A Front)	7 500
Permissible Rear Axle Mass (A Rear)	18 000
Unladen Front Axle Mass (T Front)	4 807
Unladen Rear Axle Mass (T Rear)	4 293
Unladen Mass Total (Tare)	9 100

## DIMENSIONS

mm

Wheelbase (WB)	3 300 + 1 350
Overall Length (OL)	6 950
Cab Length (A)	2 515
Overall Width (OW)	2 490
Overall Height (OH)	3 900
Front Overhang (D)	1 450
Rear Overhang (ROH)	800
Cab to Rear Axle (CA)	4 750
Minimum Turning Radius	7 700
Minimum Turning Diameter	15 400
Ground Clearance	290
Track - Front	2 010
Track - Rear	1 804
Chassis Outer Width	780
Chassis Inner Width	620

## ENGINE

Make & Model	ISGe3-460
Capacity	11800 cm <sup>3</sup>
Layout & Type	6 cylinder in line,water cooled, 4-stroke,DI, intercooling
Max power (kw/ps/rpm)	343/460/1900
Max torque (Nm/rpm)	2100/1000-1500

## TRANSMISSION

Make & Model	12TX2421TD AMT(12 Speed )
Forward Ratios	i1-16.69、 i2-12.92、 i3-9.93、 i4-7.67、 i5-5.9、 i6-4.57、 i7-3.66、 i8-2.83、 i9-2.17、 i10-1.68、 i11-1.29、 i12-1
Reverse Ratio	R1-15.54、 R2-12.03

## CLUTCH

Diameter	430 mm
Type	Single, dry type diaphragm spring

## AXLES

Front Axle	1-Beam section (Forged Steel)
Rear Axle	Full Floating- Single Reduction
Rear Axle Ratio	3.364

## CAB

Cab Control	Forward Tilt Cab
Seating	Driver + 1 Passenger

## BRAKES

Brakes	Disc brakes on front axle and Drum on rear axle
Breaking system	ABS & ASR
Auxiliary Braking	ZF Intarder、 Engine Brake

## FUEL TANK

Number	one
Total Capacity	700 Litre ,right

## ELECTRICAL SYSTEM

System Voltage & Type	24V Negative Earth
No. of Batteries	Two X 12V-180Ah low-maintenance

## WHEEL

Tyre Size	315/80R22.5 20PR
Type	Tubeless Radia

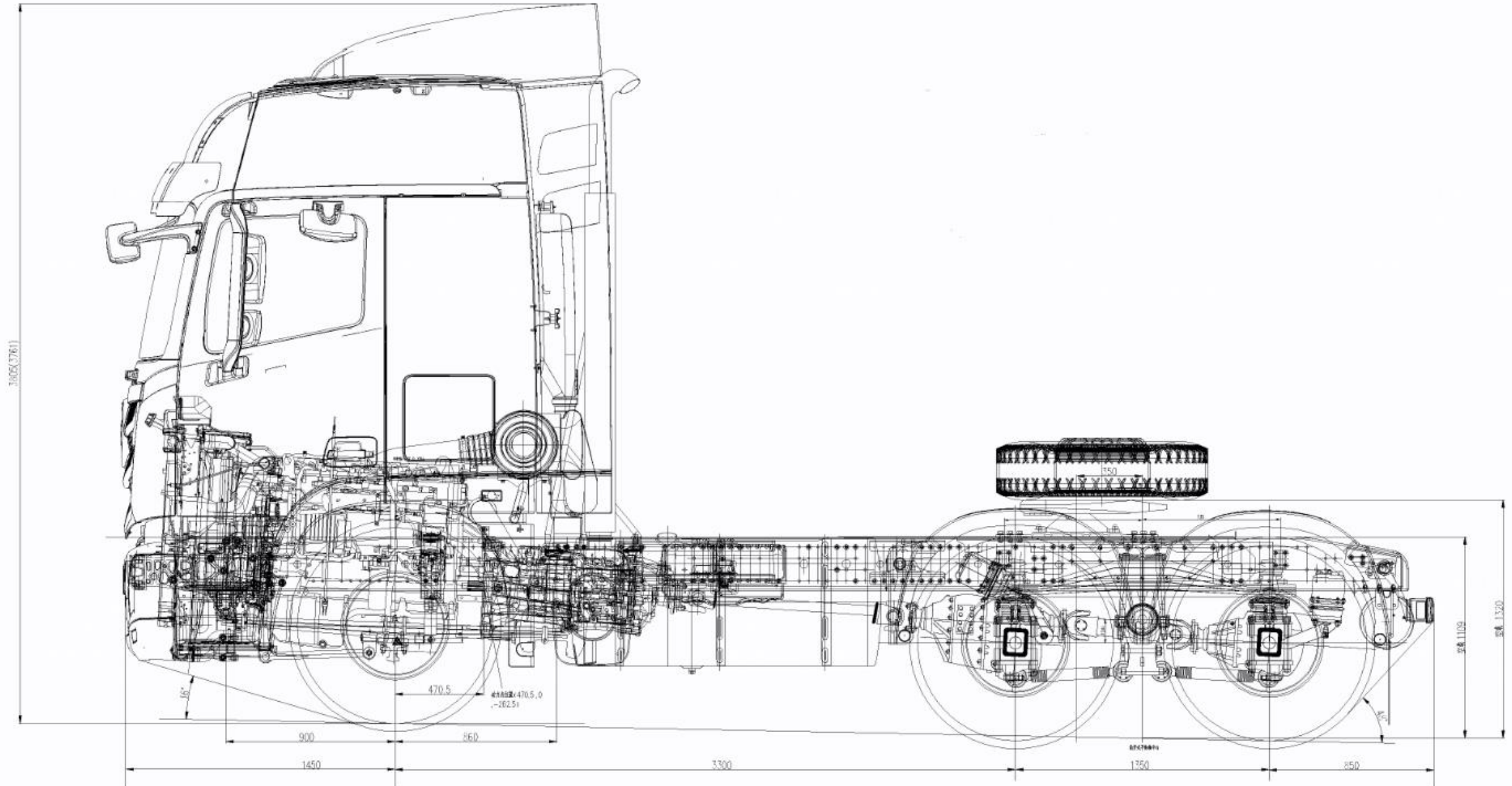
## PERFORMANCE

Gradeability	Max 25%
Permissible Road Speed	80km/h

## CHASSIS

Type	Straight Ladder Type – Riveted
Front Suspension	Parabolic Leaf Springs with Double Acting Shock Absorbers
Rear Suspension	Parabolic Leaf Springs with Auxiliary Springs

# Overall Layout Of The Vehicle



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