

Making favorite & reliable trucks



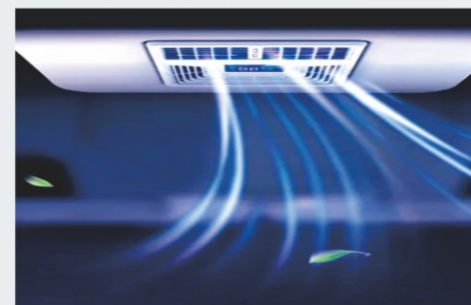
Interior decoration



The interior adopts the design concept of car-class intelligent seat, and the design of flat floor is 2.13 meters high, which provides ample space for drivers and passengers.



Grammar luxury airbag cushioned seats, with one-button inflation and deflation, heating and ventilation functions, can be adjusted from multiple angles, effectively reducing the fatigue of long-distance driving.



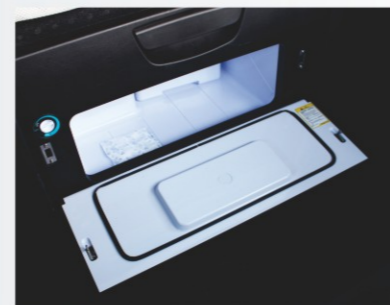
Frequency conversion air conditioner+low temperature lithium battery, 6 hours continuous operation.



12.3-inch full LCD instrument, suspended central control large screen, full of sense of science and technology, display information is very rich. The large-size touch screen integrates audio-visual entertainment and 360 images.



Multifunctional steering wheel with ACC adaptive cruise button



Equipped with a water dispenser and refrigerators

E1st Tractor

Driving Type		4×2	6×4	
picture				
Length Parameters	Overall Length(mm)	6280	7030	
	Dimensions of Width(mm)	2550	2550	
	Chassis Height(mm)(empty load)	(3930-3965)±30	(3930-3965)±30	
Weight Parameters	Wheelbase(mm)	3800	3450+1350	
	Gcw(kg)	≤42000	≤48000	
Performance Parameters	Curb Weight(kg)	8000	8600	
	Maximum Speed(km/h)	120	120	
	Economic Speed (km/h)	60-90	60-90	
	Maximum Gradeability(%)	25%	25%	
	Minimum Ground Clearance (mm)	238-271	238-271	
Main configuration	Fifthwheel Grand Clearance(mm)	≤ 1150	≤ 1207±20	
	Engine	Brand	Cummins	Cummins
		Horsepower(ps)	560	560
		Emission Standard	Euro V	Euro V
	Transmission	Brand	Eaton	Eaton
		Type	AMT	AMT
		Gear Shift	12	12
	Retarder	Brand	Voith Retarder	Voith Retarder
		Brand	Hande	Hande
		Model	HDZ73	HDZ73
	Front Axle	Differential	√	√
		Brand	Hande	Hande
Model		HDZ440/single reduction axle/3.545	HDZ440/single reduction axle/ 3.545	
Rear Axle	Differential	√	√	
	Type	front fixed suspension and rear airbag suspension	front fixed suspension and rear airbag suspension	
	pattern	2 front 4 rear airbag leafspring	2 front 8 rear airbag leafspring	
Suspension	Frame	(970-850)×270/8	(970-850)×270/8	
	Brand	JOST,HYVA	JOST,HYVA	
Fifthwheel	Specifications	50#	50#	
	Tyres	315/70R22.5、315/80R22.5		
Cab type		wide cab		
Other Configurations	Cold Area Configurations(Optional)	Thermal insulation cab,water heaters, air heaters,lithium battery,Harness for low temperature use,Electric heating oil sensor		
	Security Configurations	ABS、ESC、AEBS、LDW、FCW,360-degree view,blind spot monitoring,fuel anti-theft alarm,brake pad wear alarm		
	Comfort Configurations	12.3-inch suspension screen,ventilated and heated air seat,Full LCD instrument panel,tire pressure monitoring, beds with large volume car refrigerator,2000W Car power inverter,Air Conditioning		

Remarks:

①The maximum speed and economic speed are matched according to the reference rear axle speed ratio, the speed ratio is only for reference, and you can choose the appropriate speed ratio according to the actual demand.
②The height of fifthwheel corresponds to the tyre 315/70R22.5, if the tyre figures changed, so does the height of fifthwheel.

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E1st tractor

- Cummins engine+Eaton AMT gearbox, Hande maintenance-free axle integrated exclusive power chain design, with a maximum output of 680 horsepower.
- Brand-new cab modeling design, optimization technology of vehicle external flow field , smooth adjustment of top air deflector, achieving optimal main+trailer matching, whole vehicle drag coefficient of 0.45, and fuel consumption of 26.97L per 100 kilometers at high speed.
- The cab adopts the design concept of intelligent seat, with a flat floor design and an internal height of 2m 13, which provides ample space for drivers and passengers.



E1st China Super Heavy Truck

E1ST is a brand-new super heavy truck launched by SAGMOTO after the insight and research on the future development direction of logistics and transportation industry and customer needs. With excellent performance, comfort and all-round safety guarantee, it brings new transportation experience and more values to users.



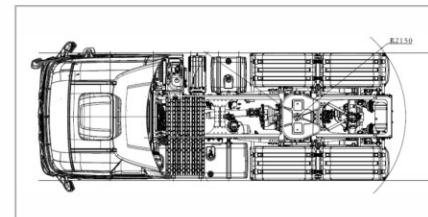
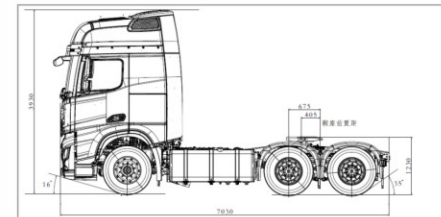
Exterior

The whole vehicle adopts a star-shaped air intake grille with penetrating chrome-plated decoration. The whole front face is scientific and fashionable, with strong visual impact, and smooth adjustment of top air deflector.

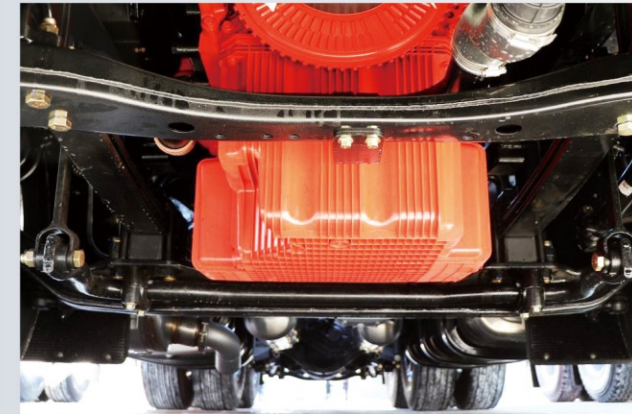
Irregular black headlights on both sides are unique in shape, integrating high and low beam lights, fog lights, turn signals and driving assistance lights. At the same time, it is equipped with the automatic switching function of high and low beam light, which improves the safety of driving at night.

Electric heating rearview mirror, the upper and lower lenses support independent adjustment.

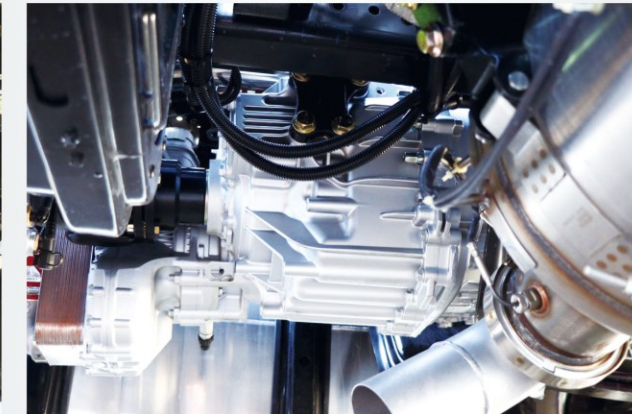
Multi-sound insulation and noise reduction technologies, such as double-channel door seal, multi-layer glue seal, seal strengthening and engine noise reduction, have achieved NVH of 50.6dB, and the noise of vehicles is better than that of the same level in the industry whether idling or driving.



Chassis



Eaton's latest generation of integrated AMT gearbox has a transmission efficiency of 99.8%, and has twelve functions such as starting on a ramp and taxiing in neutral.



Cummins 13-liter engine has superior power performance by applying technologies such as high detonation pressure, predictive cruise and thermal management.



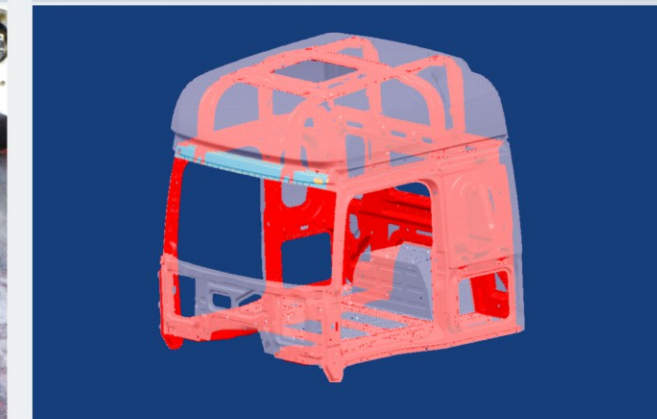
The front and rear axles are all made of Hande maintenance-free series products which have an oil change cycle of 5 years or 600 thousand kilometers, therefore reduces the cost of car maintenance for users.



The vehicle model can be equipped with 850L+380L double fuel tank, and the cruising range can reach more than 3000km, which provides a reliable guarantee for long-distance transportation.



The braking system with the highest system pressure in the industry is safer to drive with a braking distance of 25 meters.



Intelligent active safety technologies: LDWS +AEBS +TPMSR , ASR , ESC ... +cab conforming to the ECE certification of the European Union, which fully guarantees the safety of vehicles, drivers and passengers.

Parts suppliers are imported from manufacturers like Knohl and Bosch, which ensures the excellent performance of the whole vehicle in details, thus improving the quality of the whole vehicle.