

SAGMOTO

PRODUCTS FAMILIES

Making Favorite & Reliable Trucks



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SAGMOTO

SHAANKI AUTOMOBILE GROUP CO.,LTD
SHAANKI RETOP INTERNATIONAL TRADING CO.,LTD

Add: 11th Floor, Lianyi Center, Fengcheng 7th Road
Xi'an, Shaanxi, China
E-mail: shacman@shacmangroup.com
Tel: 0086-29-88360668/whatsapp 0086-132892264927
Http: <http://www.shacmangroup.com>

Benefit to you

Shaanxi Automobile Commercial Vehicle Company is the subsidiary of Shaanxi Automobile Holding Group Company, headquartered in Baoji, China.

It is the R&D and manufacturing base of Shaanxi Automobile Holding Group, for a full range of commercial vehicles, including new energy trucks.

It has the capacity of producing 200,000 commercial vehicles per year.

Since its establishment in 1968, it has gone through five iterations of products and has sold over 2.3 million vehicles in total.



R&D strength

3700+

Scientific researchers

2900+

Patents & self-developed technologies

600+

Sets of R&D equipment

- National-level Technology Center & Post-Doctoral Research Center
- HANDE Axle Technology Center (CNAS authentication)
- Key Laboratory of Energy Saving and New Energy Heavy Commercial Vehicles
- The National New Energy Standard of China



The vehicle test

Passed Temperature Test from -35°C to $+50^{\circ}\text{C}$.

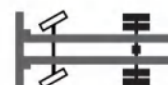
Cab strength meets the latest European ECER29-03 collision standard

Assembly Test: Six degrees of freedom platform/Frame fatigue test

Parts: Mounting endurance test/Braking component performance



Driving Type



4x2

Rigid axle configurations : Z3 \E1st\ E3

Rigid axle configurations : E3/E6/ X6/E9/X9/i9



4x4

Rigid axle configurations : X6/ X9



Light Duty Truck



Electric Light Truck



6x4

Tractor axle configurations : Z3 \E1st\ E3

Rigid axle configurations: E3/E6/X6



6x6

Tractor axle configurations : E3

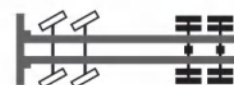
Rigid axle configurations : E3



Heavy Duty Truck



Offset Truck



8x4

Rigid axle configurations : E3/E6



8x8

Rigid axle configurations : E3

HEAVY DUTY TRUCK— Zenith

Zenith is a new product developed for high-end and intelligent transportation requirement

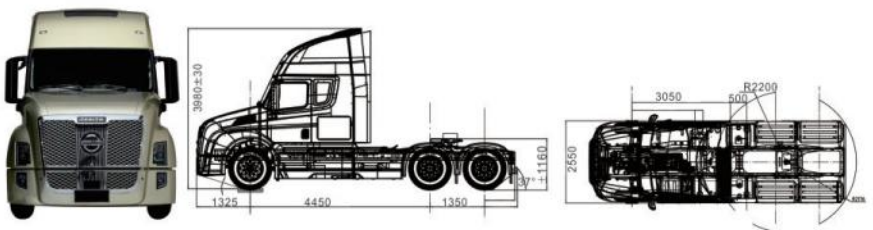
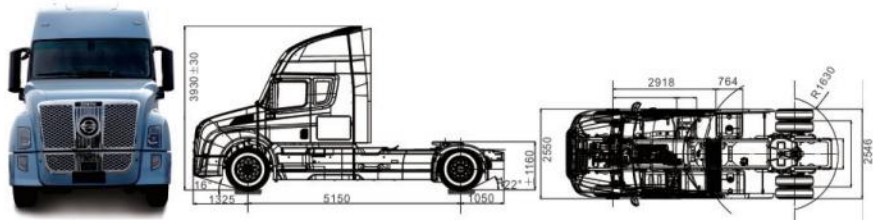
Position

- For urban truck logistics
- For daily industrial products
- For container transportation

Features

- Driving Safety & Intelligence
- Optimal fuel economy performance
- Upgraded comfort and economical design

Cabs



Cab front view, side view

Driving Type



4x2 Tractor



6x4 Tractor

Engine

Emission	Engine Capacity	Model	Power / PS	Maximum Torque / N.m
Euro V	12.5	M13E5560	560	2600

Transmission

Shift mode	Gears	Model	Shell material	Torque/N.M	Direct/overspeed Gear	1ST Gear Ratio	Top Gear Ratio
AMT	12	EHDM-26N112C-R+VR115CT	Aluminium	2600	Overspeed Gear	14.43	0.77

Drive Axle

Model	Type	Axle load/Kg	Torque/N.m	Speed RATIO
HDZ469	single	13	44000	3.364/3.7

HEAVY DUTY TURCK--E1st

E1st is a brand-new super heavy-duty truck launched by SAGMOTO after the analysis and research on the future development direction of logistic transportation and customer needs. With excellent performance, comfort and all-round safety guarantee, it brings new transportation experience and more values to users.

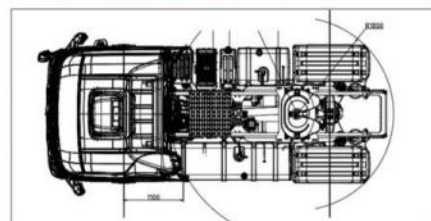
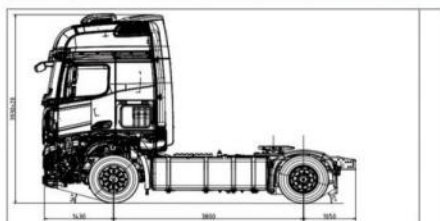
Position

- For urban truck logistics transportation
- For daily industrial products transportation
- For container transportation

Features

- Driving Safety & Intelligence
- Exclusive integrated super power chain
- Optimal fuel economy performance

Cabs



Driving Type



4x2 Tractor



6x4 Tractor

Engine

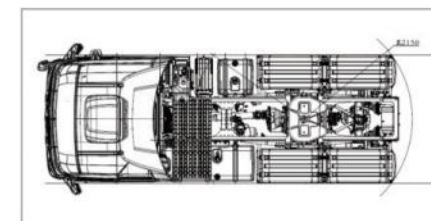
Emission	Engine Capacity	Model	Power/PS	Maximum Torque / N.m
Euro V	12.5	M13E5 560	560	2600

Transmission

Shift mode	Gears	Model	Shell material	Torque/N.M	Direct/overspeed Gear	1ST Gear Ratio	Top Gear Ratio
AMT	12	EHDM-26N112C-R+VR115CT	Aluminium	2600	Overspeed Gear	14.43	0.77

Drive Axle

Model	Type	Axle load/Kg	Torque/N.m	Speed RATIO
HD469	single	13	44000	3.364/3.7



HEAVY DUTY TRUCK— 3 Series

The E3 is a durable, intelligent, and safe truck that improves payload, driving performance, and productivity to a new level. It ensures the highest level of uptime and efficiency even in the most challenging environments.

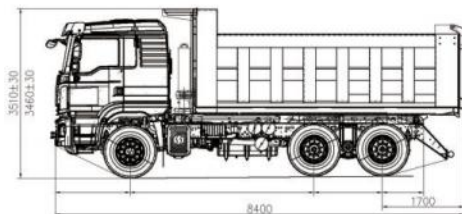
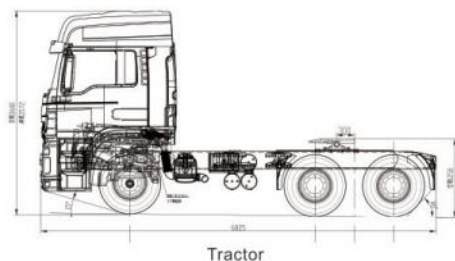
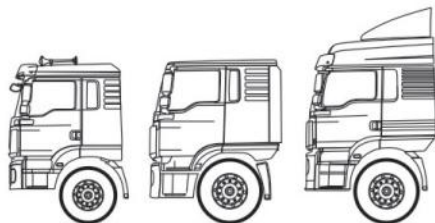
Position

- For long-distance express transportation
- For mining engineering transportation
- For urban construction transportation

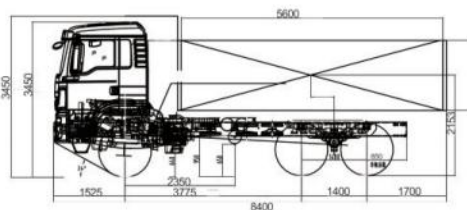
Features

- Narrow-body cab design
- Intelligent and comfortable configurations
- Efficient power chain applications

Cabs



Dump truck



Lorry&Special Vehicle

Driving Type



4x2 Tractor



6x4 Tractor



6x6 Tractor



6x4 Dump truck



6x6 Dump truck



8x4 Dump truck



8x8 Dump truck



4x2 Lorry truck



6x4 Lorry truck



8x4 Lorry truck

Special truck



Concrete Mixer Truck



Refrigerated Truck



Compactor Garbage Truck



Truck-mounted Crane

Engine

Emission	EngineCapacity	Model	Power / PS	Maximum Torque / N.m
Euro II	10.34	YC6MK-33	340-400	1550-1800
	11.73	YC6MJ-33	420-460	2000-2110
Euro III	10.8	ISME 30	345-420	1710-2000
	10.34	YC6MK-50	385-420	1800-2000
Euro V	9.92	M10E5	385-460	1900-2200
	10.8	ISM11E5	345-450	1710-2150
	11.8L	ISGe5 490	490	2300

Transmission

Shift mode	Gears	Model	Shell material	Torque/N.M	Direct/overspeed Gear	1ST Gear Ratio	Top Gear Ratio
MT	10	10JSD180	Iron	1800	Direct	14.917	1
	10	10JSD180T	Iron	1800	Direct	14.917	1
	12	12JSD200TA-B	Aluminium	2000	Overspeed Gear	12.098	0.78
	12	12JSD220K+QH50	Iron	2200	Direct	15.527	1
	12	12JSDX220TA-B	Aluminium	2200	Overspeed Gear	12.1	0.78
AMT	12	EHDM-26N112C-R(VR115CN)	Aluminium	2600	Overspeed Gear	18.85	0.77

Drive Axle

Model	Type	Axle load/Kg	Torque/N.m	Speed RATIO
HDZ485	Single	13	46000	3.7/4.111
HDZ469	Single	13	46000	3.7/4.111
HDZ300	Single	13	50000	4.266/4.769/5.262/5.92/6.733
HDZ300	Single	16	50000	4.266/4.769/5.262/5.92/6.733

MEDIUM DUTY TRUCK—6 Series

The 6 series trucks have many advantages such as strong power, good passability, strong load capacity, and high reliability, suitable for busy drivers, and have good performance in efficient transportation over short distances in urban areas.

Position

- For medium- and long-distance intercity transportation
- For construction & mining transportation
- For urban residential transportation

Features

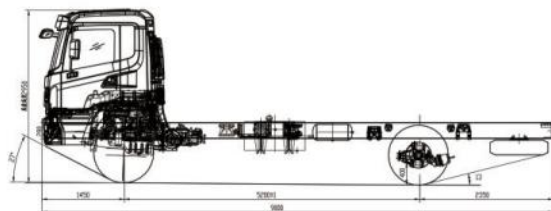
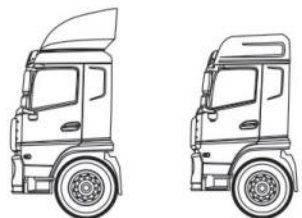
- Flexible and lightweight ,Small turning radius
- High reliability & strong bearing capacity
- Equipped with 3L,4L,7L engines

Cabs

(X6)



(E6)



Driving Type



6x4 Dump truck



8x4 Dump truck



4x2 Lorry truck



4x4 Lorry truck



6x2 Lorry truck



6x4 Lorry truck

Special truck



Concrete Mixer Truck



Refrigerated Truck



Compactor Garbage Truck



Truck-mounted Crane

Engine

Emission	Engine Capacity	Model	Power/PS	Maximum Torque / N.m
Euro II	6.49	YC6A210-33	210	710
Euro V	6.7	ISD270-50	270	970
Euro V	7.52	YC6A270-50	270	1100

Transmission

Shift mode	Gears	Model	Shell material	Torque/N.M	Direct/overspeed Gear	1ST Gear Ratio	Top Gear Ratio
MT	10	10JSD120B	Iron	1200	Overspeed Gear	12.74	0.73
	10	10JSD180T	Iron	1800	Direct	14.96	1
	8	8JS118	Iron	1180	Direct	11.4	1
	9	9JS135T-B	Iron	1180	Direct	12.11	1

Drive Axle

Model	Type	Axle load/Ton	Torque/N.m	Speed RATIO
153	Single	10	30000	4.875/5.143/5.573/6.83
457	Single	13	40000	4.875/5.286/5.833/6.33
HDZ13T	Single	13	46000	3.7/4.11/4.625/5.571

LIGHT DUTY TRUCK—9 Series

The 9 series trucks are compact, flexible, and with high-capacity. It is easy to drive, with better visibility and ergonomic features, and offers a fully electric power system.

SAGMOTO E9 All-wheel drive light trucks are the preferred choice for mountain and jungle operations, with stronger gradient and better passability.

Position

- For short-medium logistics
- For intercity cold chain
- For daily industrial products

Features

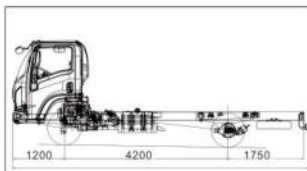
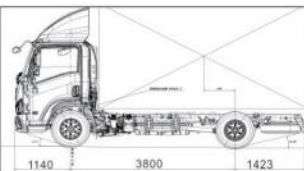
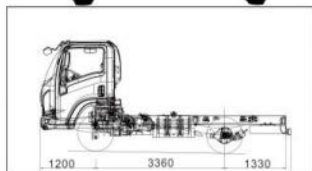
- Light weight for high mobility
- Easily modified for special use
- Equipped with 3L,4L,7L engines

Cabs

(X9)



(E9)



Driving Type



4x2 Lorry Truck



4x4 Lorry Truck



4x2 Dump truck



4x4 Dump truck

Special truck



Concrete Mixer Truck



Refrigerated Truck



Compactor Garbage Truck



Truck-mounted Crane

Engine

Emission	Engine Capacity	Model	Power / PS	Maximum Torque / N.m
Euro II	3.9	B125 33	125	410
	3.9	B140 33	140	450
	4.21	YC4D-33	130-140	380-420
	4.26	YC4E-33	160	520
Euro III	3.8	ISF3.8s3	141	450
	2.78	ISF2.8s5	129-161	280-360
	3.78	ISF3.8s5	141-168	450-600
Euro V	4.21	YC4D-50	140	450

Transmission

Shift mode	Gears	Model	Shell material	Torque/N.M	Direct/overspeed Gear	1ST Gear Ratio	Top Gear Ratio
MT	6	C6J45TB	Aluminium	450	Overspeed Gear	6.154	0.8
	6	C6J55TB	Aluminium	550	Overspeed Gear	6.176	0.73
	8	8JS85E-C	Iron	850	Overspeed Gear	10.364	0.794
AMT	6	F6JZ45AY	Aluminium	450	Overspeed Gear	5.67	0.803
		F6JZ55AY	Aluminium	550	Overspeed Gear	5.91	0.77

Drive Axle

Model	Type	Axle load/Ton	Torque/N.m	Speed RATIO
HDZ260	Single	3.5	11000	4.333
HDZ280	Single	4.2	12000	4.333/4.875/5.286
1068	Single	5	10000	5.375
1080	Single	6	18000	4.33/5.286/5.83/6.83
145	Single	8	18000	5.286
153	Single	10	30000	5.574/5.833/6.333

ELECTRIC LIGHT TRUCK—i9

i9 series electric light truck with long cruise distance, long warranty, more satisfied and safety.

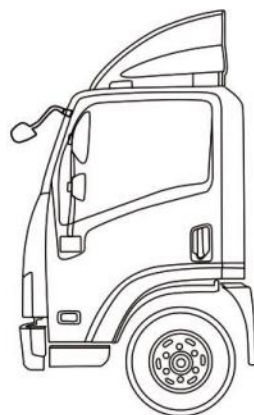
Position

- For express delivery
- For supermarket distribution
- For cold chain

Features

- Integrated electric driving axle combines the motor with the rear axle
- Equipped with CATL 86.55kWh/100.46kWh LiFePO4 batteries
- Cruise distance can reach 280km-330km if fully charged (loaded with 4 tons of cargo)
- The upgraded flat wire motor has a peak torque of 360 Nm
- Charge from 10% -100% within 1 hour(750kw charging pile)

Cabs



Driving Type



4x2 Van truck



4x2 Refrigerated Truck



4x2 Stake truck

Drive motor

Model	Power / PS	Maximum Torque / N.m
TZ220XS-HD002	163	480

Battery

Brand	Model	Charging Performance	Charging Time
CATL	86.55kWh	Recharge: 20%-80% (40min)	Direct current: 30kWh/60kWh/120kWh/180 kWh Time: 4h/2h/1h/40min
	100.46kWh	charge: 10%-100% (1h)	

Drive Axle

Model	Type	Axle load/Kg	Torque/N.m	Speed RATIO
HDE220	Single	3.5T	11000	16.193

OFF ROAD TRUCK— OFFSET MINING DUMP TRUCK

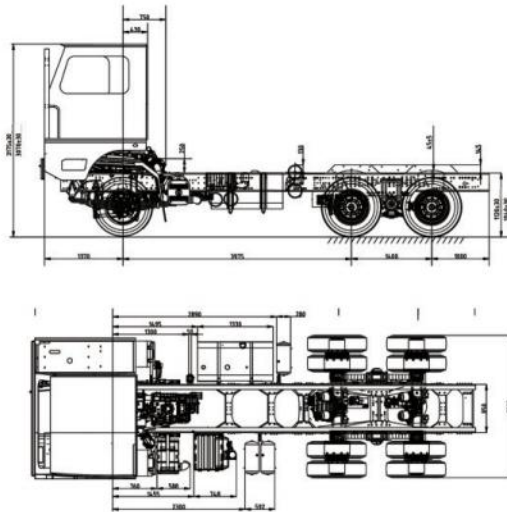
Off-road mining dump truck is customized for roadless/off-

road/mining conditions, with strong carrying capacity, high reliability, low failure rate, and flexible usage.

Features

- Greater carrying capacity ,higher attendance
- GVW up to 70 tonnes
- Adopting 850 wide-chassis structure
- Maximum braking torque of 4000Nm

Cabs



Driving Type



6x4 Dump truck

Engine

Emission	Engine Capacity	Model	Power / PS	Maximum Torque / N.m
Euro II	10.34	YC6MK375-33	375	1650

Transmission

Shift mode	Gears	Model	Shell material	Torque/N.M	Direct/overspeed Gear	1ST Gear Ratio	Top Gear Ratio
MT	7	7DS180	Iron	1800	Direct	9.14	1
MT	10	10JSD180T+QH50	Iron	1800	Direct	14.917	1

Drive Axle

Model	Type	Axle load/Ton	Torque/N.m	Speed RATIO
HDM300	Double	16	50000	6.733/5.92/5.262

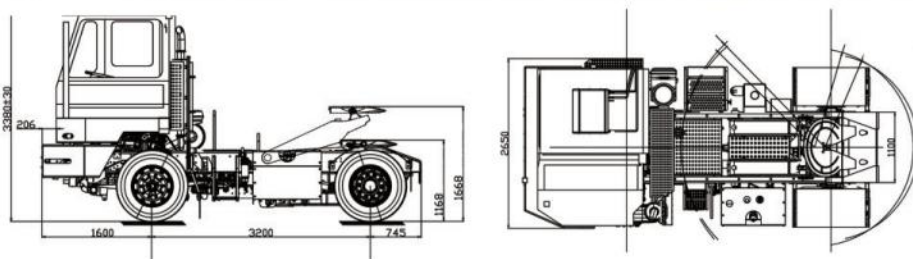
OFF ROAD TRUCK—OFFSET TRACTOR TRUCK

SAGMOTO offset tractor has now formed two major series and three fuel choices (diesel, natural gas, and pure electric). It can adapt to the operational requirements of ports, logistics zones, and steel plants, etc.

Features

- Assembly of off-road three-stage fuel gas engine meets ECE certification
- High-load fifth wheel position sensing lifting system
- Fifth wheel lifting range > 400mm, with 100% compatibility for port trailers

Cabs



Driving Type



4x2 Tractor



6x4 Tractor

Engine

Emission	Engine Capacity	Model	Power / PS	Maximum Torque / N.m
Euro III	6.7	QSB6.7-C220-30	220	949

Transmission

Shift mode	Gears	Model	Shell material	Torque/N.M	Direct/overspeed Gear	1ST Gear Ratio	Top Gear Ratio
AT	6	Allison 3500P	Aluminium	1335	Direct	4.59	0.65
MT	6	6DS130TA	Aluminium	1300	Overspeed Gear	8.71	1

Drive Axle

Model	Type	Axle load/Ton	Torque/N.m	Speed RATIO
HDZ	Double	16	43000	11.98

Sagmoto reserves the right to make changes in design and specifications, products, services, and any information without notice. For more information, please contact your local dealer.