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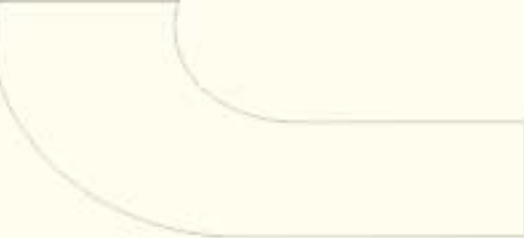
F SERIES

F SERIES



SHACMAN





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SHACMAN |
SUCCESS WITH QUALITY

X3000 Series

Trailer truck

Lorry truck



H3000 Series

Trailer truck

Lorry truck



L3000 Series

Lorry truck

Lorry truck



F3000 Series

Trailer truck

Lorry truck



Dump truck

Mixers truck



Dump truck

Mixers truck



Lorry truck

Lorry truck



Dump truck

Mixers truck



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Shaanxi Automobile Holding Group Co., Ltd (SAHG for short) , headquartered in Xian city, Shaanxi province, it is the largest manufacturing enterprise in the northwest of China, was founded in 1968 formerly known as Shaanxi automobile manufacturer and now has more than 28000 employees with total assets of 53.3 billion yuan, ranks 387th in China's top 500 enterprise and 22th in top 500 enterprises of machinery in China. The group is composed of Shaanxi Automobile Group Co., Ltd, Shaanxi Automobile Industrial Co., Ltd, Kinglong Automobile (Xi'an) Co., Ltd and more than 100 subsidiaries. Shaanxi Automobile Holding Group Co., Ltd is mainly engaged in heavy military off-road vehicles, heavy duty truck, medium and light truck, large and medium passenger vehicle, minivan, heavy & micro axle and development, production, sale and related automotive service trade and financial business of Cummins engine as well as components.

Shaanxi Automobile Holding Group Co., Ltd is the main R & D and production base of heavy duty military vehicles in China. In the past 50 years, it has successfully completed the first generation and second generation heavy duty off-road vehicle development and production tasks, and successfully won the third generation heavy duty military off-road vehicle development project. successively participated in military review of 35th anniversary, the 50th anniversary, the 60th anniversary of the National Day as well as Chinese People's Anti-Japanese War and the 70th anniversary of the world antifascist war victory, Shaanxi is the only heavy duty military truck manufacturer which participated in military parade five times.

Shaanxi Automobile Holding Group Co., Ltd seized the "One Belt One Road" strategic opportunities and fully integrated the high quality resources of the international market, cooperated with international outstanding enterprises, vigorously promote the enterprises the level of globalization and the internationalization of the industrial system. Local production has been achieved in Kenya, Nigeria, Kazakhstan, Malaysia and other countries, the products have been exported to Europe, Africa, Asia and other more than 100 countries and regions, and the export volume are among the forefront of the industry for many years.



- **Global leader in manufacturing R & D standards**
adopts global standard process, first-class production process and equipment in China
- **Largest commercial vehicle production facility in Asia:**
adopts global standard process, first-class production process and equipment in China
- **R & D system to follow the world's 6D standards development process:**
To ensure the efficiency and rationalization of the development process
- **Utilizes world class VMI model of supply chain inventory management:**
Strengthen the source of management, ensure the highest quality of vehicles.
- **Production and manufacturing promotes TPS manufacturing standards:**
full implementation of lean manufacturing
- **6Sigma quality management system:**
PDCA circulation improving quality management system
1790 patents of technologies, more than 150 clean energy and new energy proprietary technology.

ENTERPRISE INTRODUCTION

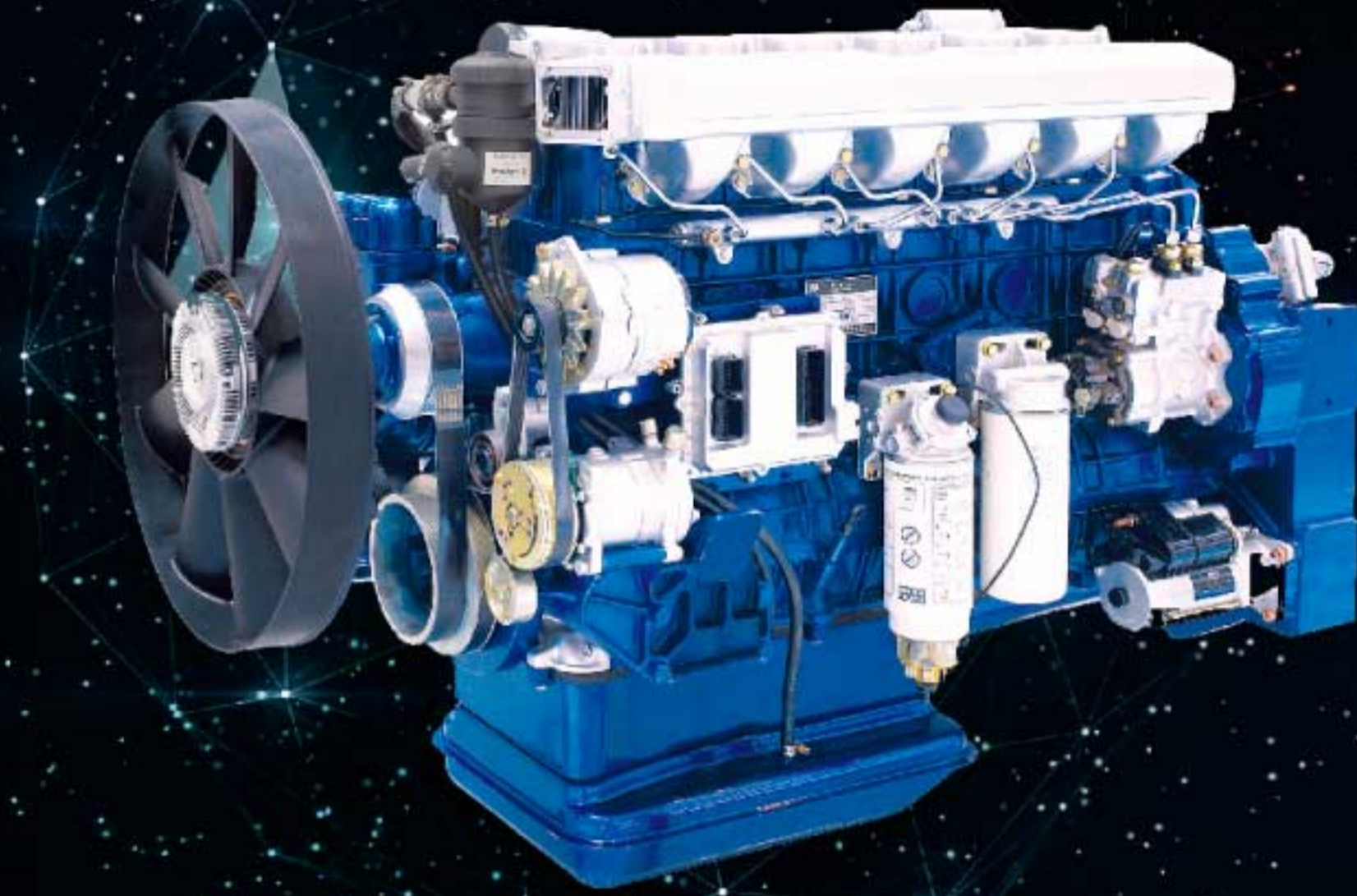
F
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**GOLD INDUSTRY
CHAIN
GLOBAL PARTS
SHARING**



WEICHAI POWER



Weichai Power is the Largest powertrain group in China and the largest high speed & powered engine manufacturers in the world. It takes more than one-third market share in china and the quantity of the world exceeds 3.5 million units. Technology leader in industry, with the only State Key Laboratory of internal combustion reliability, modern “state-level enterprise technology center” and the first-class product experimental center in China .

- Weichai power:** High horsepower engine combined with AVL and BOSCH building the golden power. Engines are custom made for SHACMAN vehicles with intelligent energy saving system that can automatically adjust to vehicle weight.
- Fuel efficiency:** Utilizes BOSCH advanced high pressure common rail technology reducing fuel consumption to as low as 189g/kw.h and low speed matching small rear axle. King of high speed transport.
- High performance:** High displacement with higher horsepower and more low-end torque. Better acceleration and greater reserve torque. Electromagnetic clutch fan, fuel system protector and intelligent fuel switch.
- High reliability:** Weichai Lanqing WP engine is the result of collaborative and synchronous development with the world's best auto parts suppliers, fully integrated with the world's cutting-edge technology to build the engine of the golden supply chain.
- High comfort:** Low speed engine not only improve the economy and prolong life expectancy, but at the same time also reduces engine noise, ensuring better driving environment.
- Advanced configuration:** Equipped with high efficiency electromagnetic clutch fan, fuel system protector and intelligent fuel switch.

Diesel power product profile of weichai truck (part)

Product series	Model	Emission Standard	(kW/rpm)	(N.m)	(rpm)	Technology roadmap
WP10E32	WP10.270E32	Euro III	199/2200	1270	1200~1600	Mechanical pump + built-in EGR
	WP10.290E32	Euro III	213/2200	1160	1200~1600	Mechanical pump + built-in EGR
	WP10.310E32	Euro III	228/2200	1250	1200~1600	Mechanical pump + built-in EGR
	WP10.340E32	Euro III	250/2200	1350	1200~1600	Mechanical pump + built-in EGR
	WP10.380E32	Euro III	280/2200	1460	1200~1600	Mechanical pump + built-in EGR
WP10	WP10.336	Euro III	247/2200	1250	1200~1600	Electronic controlled high pressure common rail
WP10E40	WP10.270E40	Euro IV	199/1900	1270	1200~1500	Electronic controlled high pressure common rail + SCR
	WP10.290E40	Euro IV	213/1900	1340	1200~1500	Electronic controlled high pressure common rail + SCR
	WP10.310E40	Euro IV	228/1900	1420	1200~1500	Electronic controlled high pressure common rail + SCR
	WP10.336E40	Euro IV	247/1900	1500	1200~1500	Electronic controlled high pressure common rail + SCR
WP10E43	WP10.336E43	Euro IV	247/1900	1500	1200~1500	Electronic controlled high pressure common rail + SCR
WP12N	WP12.375N	Euro III	276/1900	1800	1000~1400	Electronic controlled high pressure common rail
	WP12.430N	Euro III	316/1900	2060	1000~1400	Electronic controlled high pressure common rail
	WP12.460N	Euro III	338/1900	2110	1000~1400	Electronic controlled high pressure common rail
WP12E32	WP12.340E32	Euro III	250/2200	1400	1300~1400	Mechanical pump + built-in EGR
	WP12.380E32	Euro III	280/2200	1500	1300~1400	Mechanical pump + built-in EGR
	WP12.400E32	Euro III	294/2200	1600	1300~1400	Mechanical pump + built-in EGR
	WP12.420E32	Euro III	309/2200	1750	1300~1400	Mechanical pump + built-in EGR
WP12E40	WP12.336E40	Euro IV	247/1900	1615	1000~1400	Electronic controlled high pressure common rail + SCR
	WP12.375E40	Euro IV	276/1900	1800	1000~1400	Electronic controlled high pressure common rail + SCR
	WP12.400E40	Euro IV	294/1900	1920	1000~1400	Electronic controlled high pressure common rail + SCR
	WP12.430E40	Euro IV	316/1900	2060	1000~1400	Electronic controlled high pressure common rail + SCR
	WP12.460E40	Euro IV	338/1900	2110	1000~1400	Electronic controlled high pressure common rail + SCR
WP13	WP13.530E30	Euro III	390/2100	2220	1200~1500	Electronic controlled high pressure common rail
	WP13.550E40	Euro IV	405/2100	2300	1200~1500	Electronic controlled high pressure common rail + SCR
	WP13.550E501	Euro V	405/1900	2550	1000~1400	Electronic controlled high pressure common rail + SCR

Cummins Power

- Cummins power: Supplies SHACMAN vehicles with custom built ISM series fully electronically controlled engines with intelligent controls, excellent power, five key step in the global system and 1 million kilometers major maintenance free.
- Cummins ISM series engines integrates the five key subsystem: Intake air handling system, combustion optimization system, electronic control system, fuel system, filtering system and post processing system.
- Power ranges from 308 to 440 horsepower, maximum torque is rated at 2100 Nm and maximum rotation is rated at 2130 rpm.
- Great low speed torque, fast acceleration, great climbing ability.
- Weighs only 940 kilogram, great power to weight ratio.
- New oil sump design reducing noise levels. Electronically controlled high pressure fuel system allowing high pressure atomization of diesel oil in cylinders and precise injection.

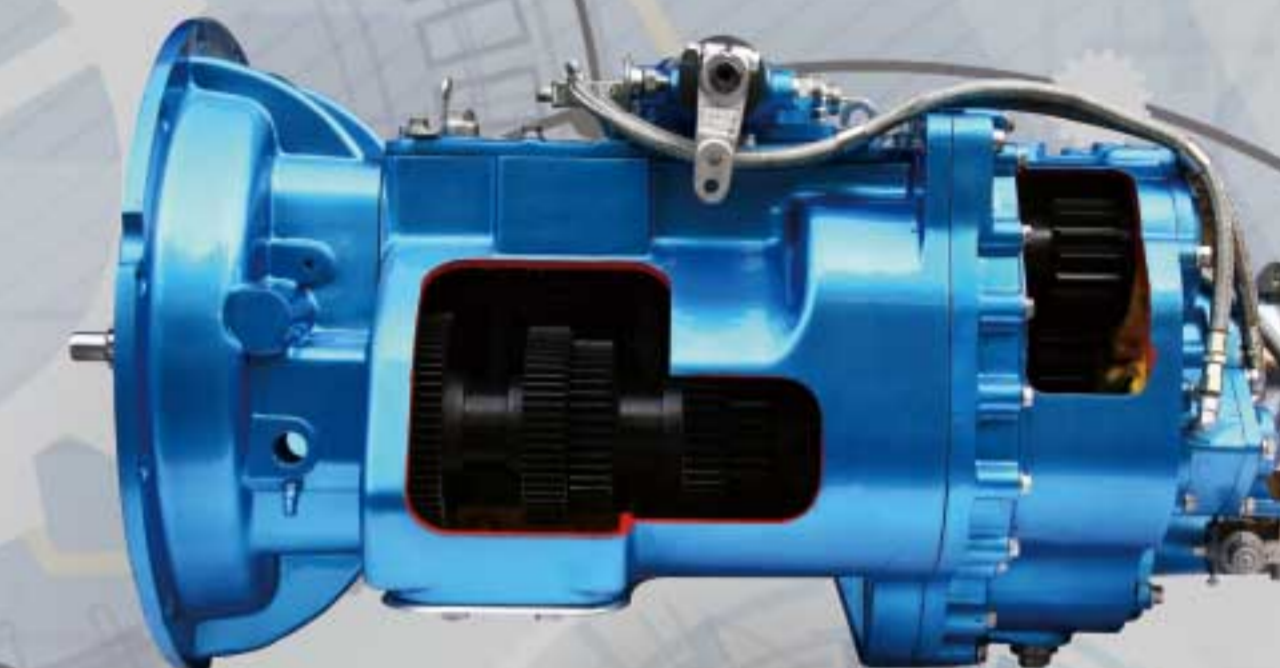
- Electronic control system includes cruise control, vehicle speed control and over 100 other functions. The system make sure the engine is in the best shape, features highly integrated module design and uses 30% less parts; greatly reducing failure rate.
- Strong interoperability of spare parts, serialization of a high degree, easy repairs.
- Ultra long filter and oil change interval, significantly reduce the cost of daily maintenance. The filtration system utilizes Cummins Fleetguard 1003 FS filter. Its 10 micron Stratapore filter technology is designed specifically for the protection of parts with filtering efficiency is high as 98.7%.
- Intake and exhaust system uses Cummings HX55 Holset turbocharger. The waste gas bypass valve can be automatically adjusted according to the need of air flow, achieving four levels of control within the rev range and is best suitable for high power rated engine.
- The use of the world's most widely used and the most mature heavy-duty diesel engine braking system ---- JACOBS engine brake system. The system can absorb 85% of the vehicle's inertia force with maximum braking capacity of up to 326 horsepower. Drivers are able to go downhill in a higher gear and thus increasing efficiency. The engine is not supplied with fuel while going downhill, even further increasing fuel efficiency.



Cummins product profile (part)							
Product series	Model	Emission Standard	(kW/Ps)	(rpm)	(N.m)	(rpm)	Technology roadmap
ISME 30	ISME345 30	Euro III	254(345)	1900	1710	1200	Electrically controlled pump nozzle
	ISME385 30	Euro III	283(385)	1900	1835	1200	Electrically controlled pump nozzle
	ISME420 30	Euro III	306(420)	1900	2010	1200	Electrically controlled pump nozzle
ISM11E4	ISM11E4 345	Euro IV	250(345)	1900	1699	1200	Electrically controlled pump nozzle
	ISM11E4 385	Euro IV	280(385)	1900	1825	1200	Electrically controlled pump nozzle
	ISM11E4 420	Euro IV	301(420)	1900	2000	1200	Electrically controlled pump nozzle
	ISM11E4 440	Euro IV	280(385)	1900	1825	1200	Electrically controlled pump nozzle
ISM11E5	ISM11E5 345	Euro V	250(345)	1900	1699	1200	Electrically controlled pump nozzle
	ISM11E5 385	Euro V	280(385)	1900	1825	1200	Electrically controlled pump nozzle
	ISM11E5 420	Euro V	301(420)	1900	2000	1200	Electrically controlled pump nozzle
	ISM11E5 440	Euro V	318(420)	1900	2080	1200	Electrically controlled pump nozzle



Fast



- FAST is the largest manufacturer and distributors of heavy-duty transmission in the world, whose annual output rank industry first in China for 15 years and rank first in the world for 12 years, and the quantity of the world exceeds 7 million units.

Model	Torque	Gear ratio															
		1	2	3	4	5	6	7	8	9	10	11	12	16	R1	R2	
8JS118	1180	11.4	7.94	5.63	4.06	2.81	1.96	1.39	1							11.35	
9JS119	1190	12.11	8.08	5.93	4.22	3.36	2.41	1.76	1.32	1						12.66	
9JS135	1350	12.11	8.08	5.93	4.22	3.36	2.41	1.76	1.32	1						12.66	
9JS180	1800	12.65	8.38	6.22	4.57	3.4	2.46	1.83	1.34	1						13.22	
9JS220	2200	12.42	8.29	6.08	4.53	3.36	2.47	1.81	1.35	1						12.99	
RTD11509C	1490	12.44	8.31	3.09	4.54	3.36	2.47	1.81	1.35	1						13.02	
10JSD120/140/160/180	1200/1400/1600/1800	14.86	11.02	8.07	6.02	4.46	3.33	2.47	1.81	1.35	1					14.24	
10JSD140T/160T/180T	1400-1800	14.96	11.16	8.28	6.09	4.46	3.35	2.5	1.86	1.36	1					15.07	
10JSD140TA/160TA/180TA	1400-1800	10.93	8.17	6.07	4.46	3.27	2.45	1.83	1.36	1	0.73					11.05	
12JSD160T/180T/200T/240T	1600/1800	15.53	12.08	9.39	7.33	5.73	4.46	3.48	2.71	2.1	1.64	1.28	1			14.86	3.33
12JZSD200A	2000	12.1	9.41	7.31	5.71	4.46	3.48	2.71	2.11	1.64	1.28	1	0.78			11.56	
16JSD180T/200T/240T	1800-2400	17.04	14.03	11.66	9.6	8.06	6.64	5.53	4.55	3.74	3.08	2.56	2.11	1		16.3	13.42

HANDE AXLE

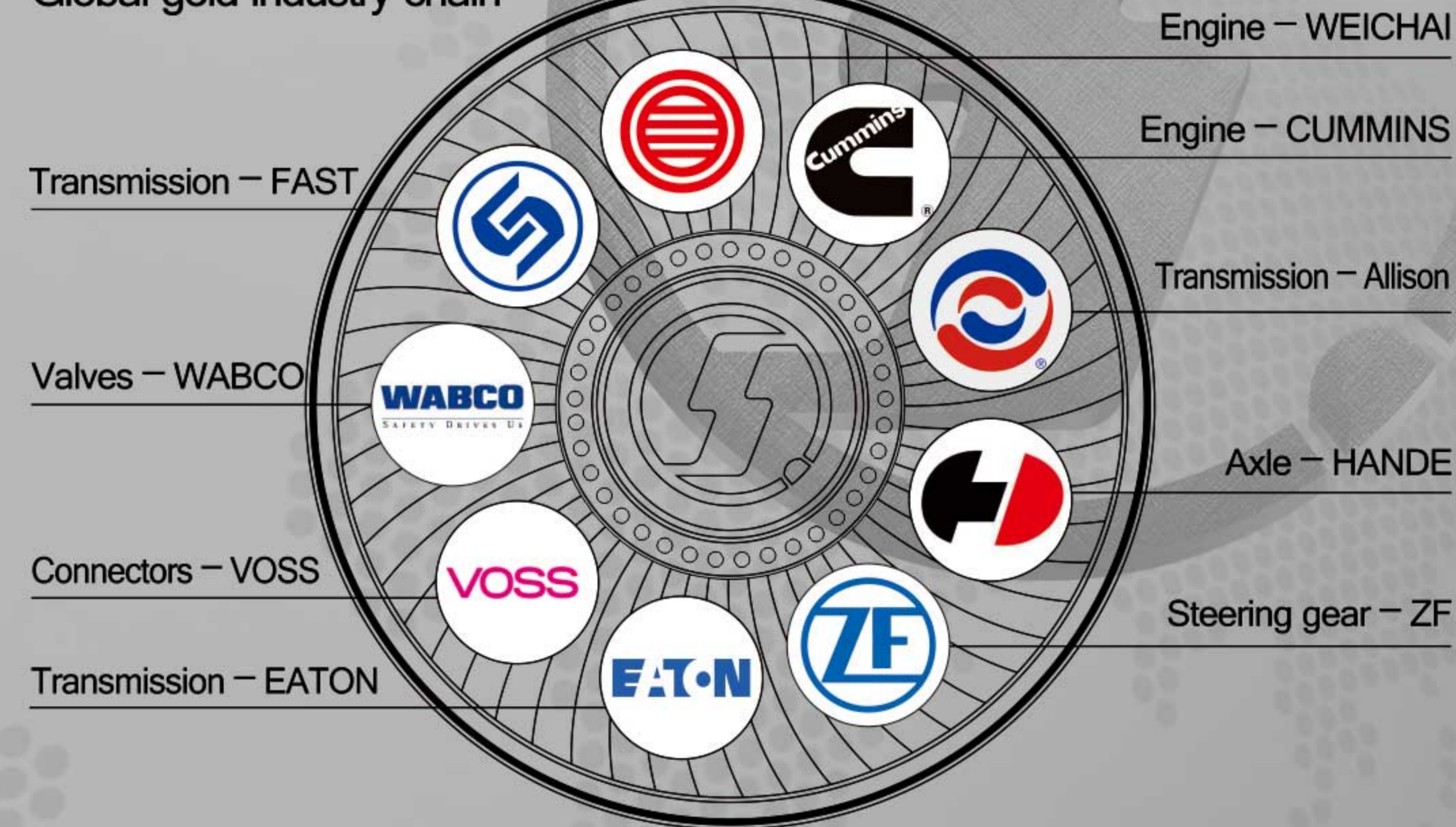


Gear ratios used on axles												
STEYR	13T	4.42	4.8	5.73	6.72	7.49	8.4	9.49				
	16T	4.42	4.8	5.73	6.72	7.49	8.4	9.49				
MAN	13T single reduction	3.083	3.364	3.7	4.111	4.625	5.286	6.167				
	13T double reduction	3.866	4.266	4.769	5.262	5.92	6.733	7.63	8.88			
	16T	3.712	3.866	4.266	4.578	4.769	5.262	5.92	6.733	7.63	8.88	10.66

- Hande axle: Steyr series of drive axle. Advanced axles utilizing imported German MAN single stage reduction bridge technology as well as heavy duty off-road military truck axle technology. Super load carrying capacity tested over 1.3 million times without failing.
- Economical: Hyperbolic gear structure, axle assembly gear ratios of 3.336 3.7 4.111 4.625 with high transmission efficiency, suitable for the development trend of low speed and high horsepower engines. Transmission efficiency 10% higher than competing domestic products with 10%-17% less fuel consumption.
- High reliability: Optimized design and finite element analysis of axle shell guarantees the bearing capacity of the shell. Robot welding is used in the construction of the axle shell. Spindle nose utilizes friction welding technology, increasing loading capacity and eliminates impact load deformation.

- Safety: Brake shoe with widened variable cross section allows better heat dissipation, breaking power and improves the efficiency of friction plates.
- Powerful: Primary and secondary gear single stage reduction, high transmission efficiency, 50000Nm high torque output ensuring easy operation of the vehicle.
- High usability: Utilizes full wheel side oil lubrication, great heat dissipation, non disassembly maintenance feature, equipped with external brake drum with allows the changing of the friction plate without removing the wheel.
- Lightweight: Axle shell cross section 150X135, Steel plate thickness is 14mm.

Global gold industry chain



INTERNATIONAL SUPPLY SYSTEM

SHACMAN vehicles are equipped with parts from world renown suppliers such as Williams pedal mechanism, German ZF steering gear, Eaton clutch, WABCO body and air dryer system, German VOSS quick docking system, allowing more reliable and stable vehicle performance.



Shaanxi Automobile is the only truck manufacturer that has attended the National Day Parade for 5 times

MILITARY QUALITY SAFE AND DEPENDABLE

Shaanxi Automobile is the only truck manufacturer that has attended the National Day Parade for 5 times. From year 2015 to 2018, Shaanxi Automobile military vehicles have participated in the international military competition held in Russia and got many awards.

A peace of mind is everyone's first concern when out on the road and that's why the F series vehicles are equipped with active and passive safety features designed to give you a safe and relaxed journey. The vehicle cab uses original MAN frame structure design with local strengthening design. The cabin is manufactured with laser welding technology and passes Europe's latest "ECE-R29" crash test. The safety of the cab is complimented by ABS+WEVB and the world's most outstanding JACOBS engine braking system, becoming a vehicle you can depend on.



35th National Day Parade



50th National Day Parade



60th National Day Parade



SHACMAN military vehicle participated in Chinese people's Anti-Japanese War and the world anti-fascist War 70 anniversary parade.



The parade for the 90th anniversary of the founding of the Chinese People's Liberation Army.



From year 2015 to 2018, SHACMAN military vehicles have participated in the international military competition held in Russia and got many awards.

1984

1999

2009

2015

2017

STAR SAFETY STANDARDS RELAX AND ENJOY YOUR DRIVE

European standard, military technology:

Vehicle technology derived from European MAN platform, 50 years of military vehicle manufacturing ideals.

Suspension system upgrade:

Fatigue test number reached more than 138 thousand times, life expectancy is 72% higher than the national requirement.

Multifunction steering wheel:

Endured fatigue test more than 185 thousand times, one button quick function feature, easy operation allowing driver to focus better on the road.

Intelligent door control system:

Integrated electric window lifter, electric heating mirror and central control door lock mechanism, working well after 50 thousand endurance tests.

Eagle type halogen headlight:

Increased light distance by 25 meters, passed through 60Hz sweep frequency vibration endurance test and reliability is 22.4% higher than competing models.

Modular design of oil, gas and electric pipelines:

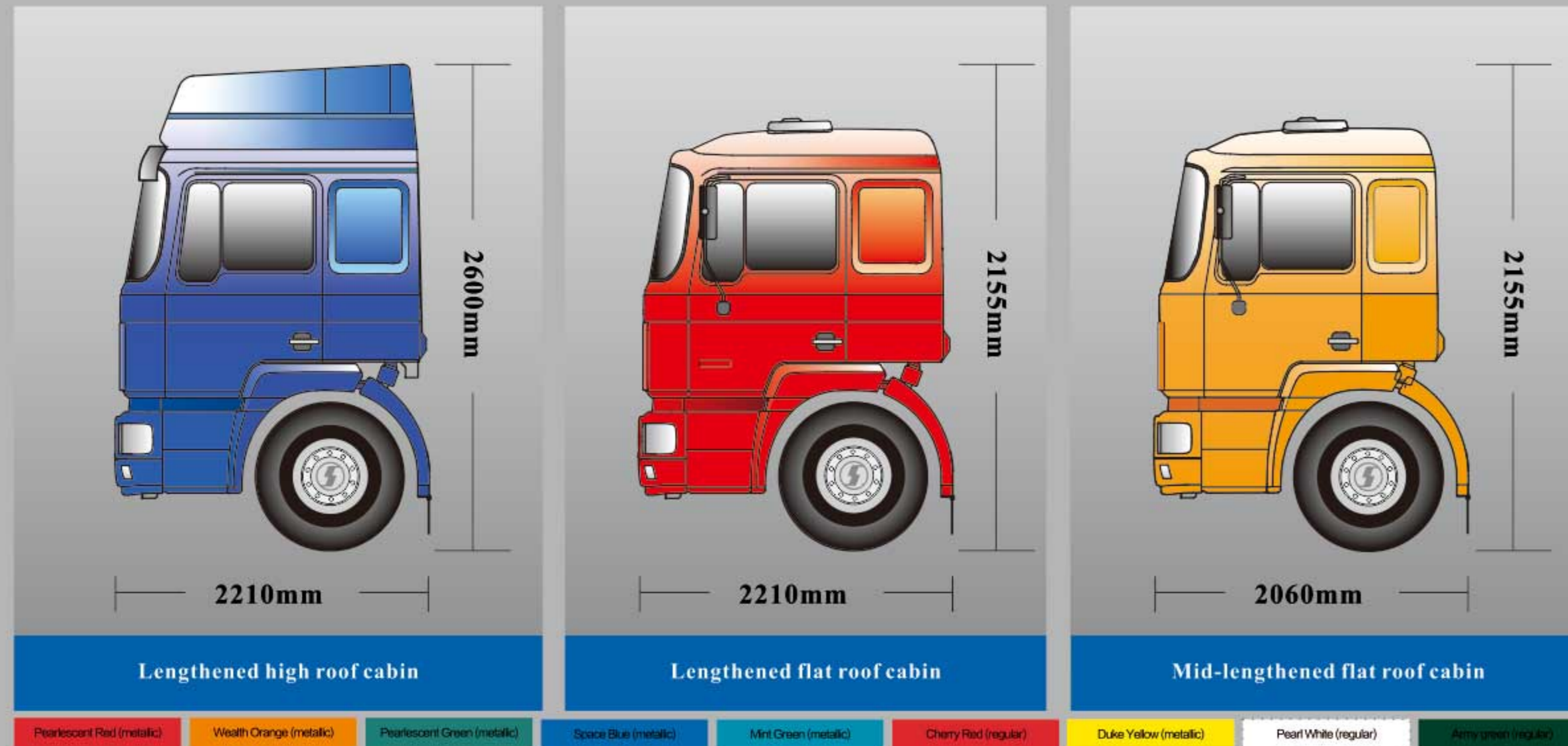
Optimized fuel, breaking and turning pipe, braking response time is shortened by 20% while increases pipeline protection capabilities.

Intelligent electrical network architecture:

From Volvo electric design system, higher reliability.

STYLISH COMFORTABLE INTELLIGENT

- European MAN technology cab adopts German advanced welding technology. The world's top ABB robot and KUKA robot automatic welding allow higher weld strength of the cab. The vehicle body adopts imported international sedan electrophoretic multi-layer paint technology, therefore, the paint effect, corrosion resistance and durability is better than similar products in of industry.
- Brand new body design achieves the lowest drag coefficient in the industry.
- Advanced noise isolation technology and strengthened cab body structure; Application of polyester material can reduce cab noise greatly and increase insulation qualities.
- Four point air suspended cab suspension system, double layered sealed cab doors and electric controlled automatic constant temperature air conditioning increases driving comfort. Independent heating system can insure driving comfort in cold climates.



EUROPEAN STYLE II
CABIN

LUXURIOUSLY EQUIPPED

SHACMAN

SHACMAN

1

American VISTEON technology interior adopts 100% natural negative ion fiber fabric; new material sleeper berth can promote rest quality. Timed air conditioning external cycle and activated carbon air filter can increase cab air quality.



2

Sedan dashboard with new multi-functional VDO instruments includes controls AC, MP3 and radio. Four multi-function steering eases the DC shade provides with luxury sun shade.



3

Driver and passenger side are both equipped with easy-operating and adjustable sunshades.

4

Integrated structure floor mat is equipped with protective strips, great insulation and sealing, easy to clean and with good noise reduction properties.



5

Telescopic shaft shift system is fixed shift lever base for increasing cab sealing properties and engine noise reduction.



7

Advanced SIS suspension system is light weight, maintenance free and with good load balance. New type steel plate spring suspension is equipped with high quality shock absorber and front & rear axle stabilizer bar. The new type of balanced suspension allows better load capacity and durability.

6

Four point air suspended auto adjusting seat design according to man-machine curve, providing its occupants with superior quality and comfort. The seat is effective in reducing driver fatigue which ensures the driver have a safe and comfortable journey.



Trailer truck

SHACMAN

SHACMAN

F3000 SERIES



Transport type	Port logistics		Bulk tank transport			Full drive tractor
Logistics type	Container		Bulk cement			Daily provisions
Distance(km)	≤500		≤500			≤500
Road type	Paved roads		Paved roads			Paved roads
Drive	4×2	4×2	6×4	6×4	6×4	6×6
Max weight(t)	≤50	≤50	≤70	≤70	≤70	≤70
Max speed	90	90	90	90	90	90
Loaded speed(km)	45~65	45~65	50~65	50~65	50~65	50~65
Vehicle model	SX4185JT361	SX4185JT361	SX4255JV324	SX4255JT324C	SX4255JV324C	SX4255JV385
Engine	WP12.375N	WP12.380	WP12.420	ISM 385	ISM 420	WP12.420
Emission standard	Euro III	Euro II	Euro II	Euro III	Euro III	Euro II
Displacement	11.596L	11.596L	11.596L	10.8L	10.8L	11.596L
Rated Output	276kW	280kW	309kW	283kW	309kW	309kW
Max.torque	1800N·m	1500N·m	1750N·m	1835N·m	2000N·m	1750N·m
Transmission	12JSD180T	12JSD160T	12JSD180T	12JSD180T	12JSD200T	12JSD180T
Clutch	430	430	430	430	430	430
Frame	(940-850) ×300 (8)	(940-850) ×300 (8)	850×300(8+5)	850×300(8+5)	850×300(8+7)	850×300(8+7)
Front axle	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 9T
Rear axle	13T MAN double reduction 4.266	13T MAN double reduction 4.266	13T MAN double reduction 4.769	13T MAN double reduction 4.769	13T MAN double reduction 4.769	16T MAN double reduction 5.92
Tire	12R22.5	12R22.5	12.00R20	12.00R20	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Fuel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Capacity of the fuel tank	400L(Aluminum shell)	400L(Aluminum shell)	400L(Aluminum shell)	400L(Aluminum shell)	400L(Aluminum shell)	400L(Aluminum shell)
Battery	165Ah	165Ah	165Ah	180Ah	180Ah	135Ah
Dimensions(L×W×H)	6130×2490×3210	6130×2490×3210	6860×2490×3710	6860×2490×3710	6860×2490×3710	7560×2490×3710
Wheelbase	3600	3600	3175+1400	3175+1400	3175+1400	3775+1400
The fifth wheel	50 type	50 type	90 type	90 type	90 type	90 type
Approach/Departure angle(°)	20/66	20/66	20/66	20/66	20/66	20/66
Max.gradeability(%)	20	20	20	20	25	25

Type	MAN F3000, lengthened flat roof	
Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Sun roof ◆ Four point air suspension ◆ Air cushioned drivers seat ◆ Radio with Mp3 player ◆ Automated air conditioning 	<ul style="list-style-type: none"> ◆ Rear window ◆ Sun roof ◆ Four point air suspension ◆ Air cushioned drivers seat ◆ Radio with Mp3 player ◆ Automated air conditioning
Optional	<ul style="list-style-type: none"> ● Central locking ● Roof air deflector ● Full vehicle WABCO valve 	<ul style="list-style-type: none"> ● Central locking ● Roof air deflector ● Full vehicle WABCO valve



Trailer truck

SHACMAN

SHACMAN

F2000 SERIES



Transport type	Port logistics		Commodity transportation logistics		Full drive tractor
Logistics type	Container		Daily provisions		Daily provisions
Distance(km)	≤500		≤2000		≤ 500
Road type	Paved roads		Paved roads		Paved roads
Drive	4×2	4×2	6×4	6×4	6×6
Max weight(t)	≤ 50	≤ 50	≤ 70	≤ 70	≤ 70
Max speed	88	100	90	90	90
Loaded speed(km)	45~65	55~70	50~65	50~65	50~65
Vehicle model	SX4185JR361	SX4185JT361C	SX4255JV324	SX4255JV324	SX4255JV385
Engine	WP10.340	ISM 385	WP12.380	WP12.420	WP12.420
Emission standard	Euro II	Euro III	Euro II	Euro II	Euro II
Displacement	9.726L	10.8L	11.596L	11.596L	11.596L
Rated Output	250kW	283kW	280kW	309kW	309kW
Max.torque	1350N·m	1835N·m	1500N·m	1750N·m	1750N·m
Transmission	10JSD140T	12JSD180T	12JSD160T	12JSD180T	12JSD180T
Clutch	430	430	430	430	430
Frame	(940-850) ×300 (8)	(940-850) ×300 (8)	850×300(8+5)	850×300(8+5)	850×300(8+7)
Front axle	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 9T
Rear axle	13T STR double reduction 4.8	13T STR double reduction 4.8	13T STR double reduction 4.8	13T STR double reduction 4.8	16T MAN double reduction 5.92
Tire	12R22.5	12R22.5	12.00R20	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Fuel	Diesel	Diesel	Diesel	Diesel	Diesel
Capacity of the fuel tank	380L	380L	380L	380L	380L
Battery	165Ah	180Ah	165Ah	165Ah	135Ah
Dimensions(L×W×H)	6130×2490×3210	6130×2490×3210	6860×2490×3710	6860×2490×3710	7860×2490×3710
Wheelbase	3600	3600	3175+1400	3175+1400	3775+1400
The fifth wheel	50 type	50 type	90 type	90 type	90 type
Approach /Departure angle (°)	20/66	20/66	20/66	20/66	20/66
Max.gradeability(%)	20	20	20	20	25
Cab	Type	MAN F2000, lengthened flat roof		MAN F2000, lengthened flat roof	MAN F2000, lengthened flat roof
	Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic reversal ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic reversal ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic reversal ◆ Radio with MP3 player 	
Optional	<ul style="list-style-type: none"> ● Automated air conditioning ● Four point air suspension ● Air cushioned drivers seat 	<ul style="list-style-type: none"> ● Automated air conditioning ● Four point air suspension ● Air cushioned drivers seat 	<ul style="list-style-type: none"> ● Automated air conditioning ● Four point air suspension ● Air cushioned drivers seat 	<ul style="list-style-type: none"> ● Automated air conditioning ● Four point air suspension ● Air cushioned drivers seat 	

Plumbeum Red (optional) Wealth Orange (optional) Plumbeum Green (optional) Ocean Blue (optional) Mint Green (optional) Cherry Red (optional) Duke Yellow (optional) Pearl White (optional) Plumbeum Red (optional)

Dump truck

SHACMAN

SHACMAN

F3000 SERIES

F3000



Transport type	Mining engineering		Highway transport		Full drive dump truck		
Logistics type	Ore / sand / gravel/coal		Ore / sand / gravel / coal		Ore / sand / gravel / coal		
Distance (km)	≤200		≤200		≤200		
Road type	Offroad/Paved roads		Offroad/Paved roads		Offroad/Paved roads		
Drive	6×4	6×4	8×4	8×4	4×4	6×6	6×6
Max weight(t)	≤50	≤50	≤90	≤90	≤25	≤50	≤50
Max speed(km/h)	75	80	75	75	75	75	75
Loaded speed(km/h)	40~60	40~60	40~60	40~60	40~60	40~60	40~60
Vehicle model	SX3255DR384	SX3255DT384C	SX3315DT366	SX3315DV366C	SX3165DR442	SX3255DV385	SX3255DT385C
Engine	WP10.340	ISM 385	WP12.380	ISM 420	WP10.340	WP12.420	ISM 385
Emission standard	Euro II	Euro III	Euro II	Euro III	Euro II	Euro II	Euro III
Displacement	9.726L	10.8L	11.596L	10.8L	9.726L	11.596L	10.8L
Rated Output	250kW	283kW	280kW	309kW	250kW	309kW	283kW
Max. torque	1350N·m	1835N·m	1500N·m	2000N·m	1350N·m	1750N·m	1835N·m
Transmission	10JSD140+QH50	12JSD180T+QH50	10JSD160+QH50	12JSD200T+QH50	10JSD140+QH50	10JSD180+QH50	12JSD180T+QH50
Clutch	430	430	430	430	430	430	430
Frame	850×300 (8+7)	850×300 (8+7)	850×320 (8+7+8)	850×320 (8+7+8)	850×300 (8+7)	850×300 (8+7)	850×300 (8+7)
Front axle	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 9T	MAN 9T	MAN 9T
Rear axle	16T MAN double reduction 5.262	16T MAN double reduction 5.262	16T MAN double reduction 5.262	16T MAN double reduction 5.262	16T MAN double reduction 5.262	16T MAN double reduction 5.262	16T MAN double reduction 5.262
Tire	12.00R20	12.00R20	12.00R20	12.00R20	12.00R20	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Fuel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Capacity of the fuel tank	380L	380L	380L	380L	400L	400L	400L
Battery	165Ah	180Ah	165Ah	180Ah	135Ah	135Ah	135Ah
Dimensions(L×W×H)	7950×2490×3270	7950×2490×3270	9300×2490×3210	9300×2490×3210	6750×2490×3270	7950×2490×3270	7950×2490×3270
Trunk(L×W×H)	5600×2300×1300	5600×2300×1300	7400×2300×1500	7400×2300×1500	4500×2300×1100	5600×2300×1300	5600×2300×1300
Wheelbase	3775+1400	3775+1400	1800+3575+1400	1800+3575+1400	4400	3775+1400	3775+1400
Approach/Departure angle (°)	28/23	28/23	28/55	28/55	28/55	28/55	28/55
Max. gradeability(%)	30	30	25	25	25	25	25

Cab	Type	MAN F3000 , mid-lengthened flat roof	MAN F3000 , mid-lengthened flat roof	MAN F3000 , mid-lengthened flat roof
	Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player
Optional	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Front lamp protection grid 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Front lamp protection grid 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Front lamp protection grid 	

Plaukstone Red (metallic)
Wheat Orange (metallic)
Plaukstone Green (metallic)
Ocean Blue (metallic)
Mid Green (metallic)
Clay Red (regular)
Duke Yellow (metallic)
Pearl White (regular)
Green (regular)

Dump truck

SHACMAN

F2000 SERIES



Transport type	Mining engineering			
Logistics type	Ore / sand / gravel / coal			
Distance (km)	≤200			
Road type	Offroad			
Drive	4×2	6×4	6×4	6×4
Max weight(t)	≤ 25	≤ 50	≤ 50	≤ 50
Max speed(km/h)	80	80	80	80
Loaded speed(km/h)	45~60	40~60	40~60	40~60
Vehicle model	SX3185DM401	SX3255DR354	SX3255DT384	SX3255DV384C
Engine	WP10.290	WP10.340	WP12.380	ISM 420
Emission standard	Euro II	Euro II	Euro II	Euro III
Displacement	9.726L	9.726L	11.596L	10.8L
Rated Output	213kW	250kW	280kW	309kW
Max. torque	1160N·m	1350N·m	1500N·m	2000N·m
Transmission	9JS119+QH50	10JSD140+QH50	10JSD160+QH50	12JSD200T+QH50
Clutch	430	430	430	430
Frame	850×300 (8+7)	850×300 (8+7)	850×300 (8+7)	850×300 (8+7)
Front axle	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 7.5T
Rear axle	16T STR double reduction 5.73	16T STR double reduction 5.73	16T STR double reduction 5.73	16T STR double reduction 5.73
Tire	11.00R20	12.00R20	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Fuel	Diesel	Diesel	Diesel	Diesel
Capacity of the fuel tank	380L	380L	380L	380L
Battery	165Ah	165Ah	165Ah	180Ah
Dimensions(L×W×H)	6750×2490×3270	7850×2490×3270	8050×2490×3270	8050×2490×3270
Trunk(L×W×H)	4500×2300×1100	5200×2300×1300	5600×2300×1300	5600×2300×1300
Wheelbase	4000	3575+1400	3775+1400	3775+1400
Approach/Departure angle (°)	28/23	28/23	28/23	28/23
Max.gradeability(%)	30	30	30	30

Cab	Type	MAN F2000 , mid-lengthened flat roof	
	Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player
Optional	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Front lamp protection grid 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Front lamp protection grid 	



Dump truck

SHACMAN

F2000 SERIES



Transport type	Highway transport			Full drive dump truck	
Logistics type	Ore / sand / gravel / coal			Ore / sand / gravel / coal	
Distance (km)	≤200			≤200	
Road type	Offroad			Offroad	
Drive	8×4	8×4	8×4	4×4	6×6
Max weight(t)	≤ 90	≤ 90	≤ 90	≤ 25	≤ 50
Max speed(km/h)	75	75	75	75	75
Loaded speed(km/h)	40~60	40~60	40~60	40~60	40~60
Vehicle model	SX3315DT326	SX3315DV366	SX3315DT366C	SX3165DR442	SX3255DV385
Engine	WP12.380	WP12.420	ISM 385	WP10.340	WP12.420
Emission standard	Euro II	Euro II	Euro III	Euro II	Euro II
Displacement	11.596L	11.596L	10.8L	9.726L	11.596L
Rated Output	280kW	309kW	283kW	250kW	309kW
Max. torque	1500N·m	1750N·m	1835N·m	1350N·m	1750N·m
Transmission	10JSD160+QH50	10JSD180+QH50	12JSD180T+QH50	10JSD140+QH50	10JSD180+QH50
Clutch	430	430	430	430	430
Frame	850×300 (8+7)	850×300 (8+7)	850×300 (8+7)	850×300 (8+7)	850×300 (8+7)
Front axle	MAN 7.5T	MAN 7.5T	MAN 7.5T	STR 6.5T	STR 6.5T
Rear axle	16T STR double reduction 5.73	16T STR double reduction 5.73	16T STR double reduction 5.73	16T STR double reduction 5.73	16T MAN double reduction 5.92
Tire	12.00R20	12.00R20	12.00R20	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Fuel	Diesel	Diesel	Diesel	Diesel	Diesel
Capacity of the fuel tank	380L	380L	380L	380L	380L
Battery	165Ah	165Ah	180Ah	135Ah	135Ah
Dimensions(L×W×H)	8950×2490×3270	9300×2490×3210	9300×2490×3210	6750×2490×3270	7950×2490×3270
Trunk(L×W×H)	6800×2300×1300	7400×2300×1500	7400×2300×1500	4500×2300×1100	5600×2300×1300
Wheelbase	1800+3175+1400	1800+3575+1400	1800+3575+1400	4400	3775+1400
Approach / Departure angle (°)	28/55	28/55	28/55	28/55	28/55
Max.gradeability(%)	25	25	25	25	25

Cab	Type	MAN F2000 , mid-lengthened flat roof	MAN F2000 , mid-lengthened flat roof
	Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player
Optional	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Front lamp protection grid 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Front lamp protection grid 	



Lorry truck

SHACMAN

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F3000 SERIES

F3000



Transport type	Complex transport		Complex transport		Full drive truck	
Logistics type	Daily industrial products and food		Wood, building materials, steel, ceramic tile, etc.		Wood, building materials, steel, ceramic tile, etc.	
Distance (km)	≤300km		≤500km		≤300km	
Road type	Paved roads		Paved roads		Offroad	
Drive	6×4	8×4	8×4	8×4	4×4	6×6
Max weight(t)	≤35	≤50	≤60	≤60	≤25	≤90
Crusing speed/Max speed(km/h)	90	90	90	90	75	75
Loaded speed(km/h)	50-65	50-65	50-65	50-65	40~60	40~60
Vehicle model	SX1255JM434	SX1315JR516	SX1315JT456	SX1315DT456C	SX2165JT442	SX2255JV465
Engine	WP10.290	WP10.340	WP12.380	ISM 385	WP10.380	WP12.420
Emission standard	Euro II	Euro II	Euro II	EuroIII	Euro II	Euro II
Displacement	9.7L	9.726L	11.596L	10.8L	9.726L	11.596L
Rated Output	233kW	250kW	280kW	283kW	280kW	309kW
Max. torque	1160N·m	1350N·m	1500N·m	1710N·m	1460N·m	1750N·m
Transmission	9JS119	10JSD140	12JSD180T	12JSD180T	9JS180	9JS220
Clutch	430	430	430	430	430	430
Frame	850×300 (8+5)	850×300 (8+5)	850×300 (8+7)	850×300 (8+7)	850×300 (8+7)	850×300 (8+7)
Front axle	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 9T	MAN 9T
Rear axle	13T MAN double reduction 4.769	13T MAN double reduction 4.769	16T MAN double reduction 4.769	16T MAN double reduction 4.769	16T MAN double reduction 5.92	16T MAN double reduction 5.262
Tire	12.00R20	12.00R20	12.00R20	12.00R20	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Fuel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Capacity of the fuel tank	400L (Aluminum shell)	400L (Aluminum shell)	380L steel	380L steel	400L (Aluminum shell)	400L (Aluminum shell)
Battery	165Ah	165Ah	165Ah	165Ah	135Ah	135Ah
Dimensions(L×W×H)	9575×2490×3450	11925×2490×3450	11425×2490×3450	11425×2490×3450	6950×2490×3270	9575×2490×3450
Trunk(L×W×H)	7500×2300×800	9500×2300×800	9500×2300×800	9500×2300×800	4500×2300×1100	7500×2300×800
Wheelbase	4375+1400	1800+5075+1400	1800+4575+1400	1800+4575+1400	4400	4575+1400
After the suspension	2400	1800	2300	2300	2300	2400
Approach / Departure angle (°)	18/12	18/12	18/12	18/12	28/55	28/55
Max.gradeability(%)	33	33	34	34	25	25

	Type	MAN F3000 , mid-lengthened flat roof	MAN F3000 , mid-lengthened flat roof	MAN F3000 , mid-lengthened flat roof
Cab	Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Manual sunroof ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic suspension of cab ◆ Electronic air conditioning with temperature control ◆ Electric window ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Manual sunroof ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic suspension of cab ◆ Electronic air conditioning with temperature control ◆ Electric window ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player
	Optional	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve ● 11.00R20 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve

Pearlescent Red (metallic)
Violet Orange (metallic)
Pearlescent Green (metallic)
Space Blue (metallic)
Mint Green (metallic)
Cherry Red (regular)
Duke Yellow (metallic)
Pearl White (regular)
Army green (regular)

Lorry truck

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F2000 SERIES

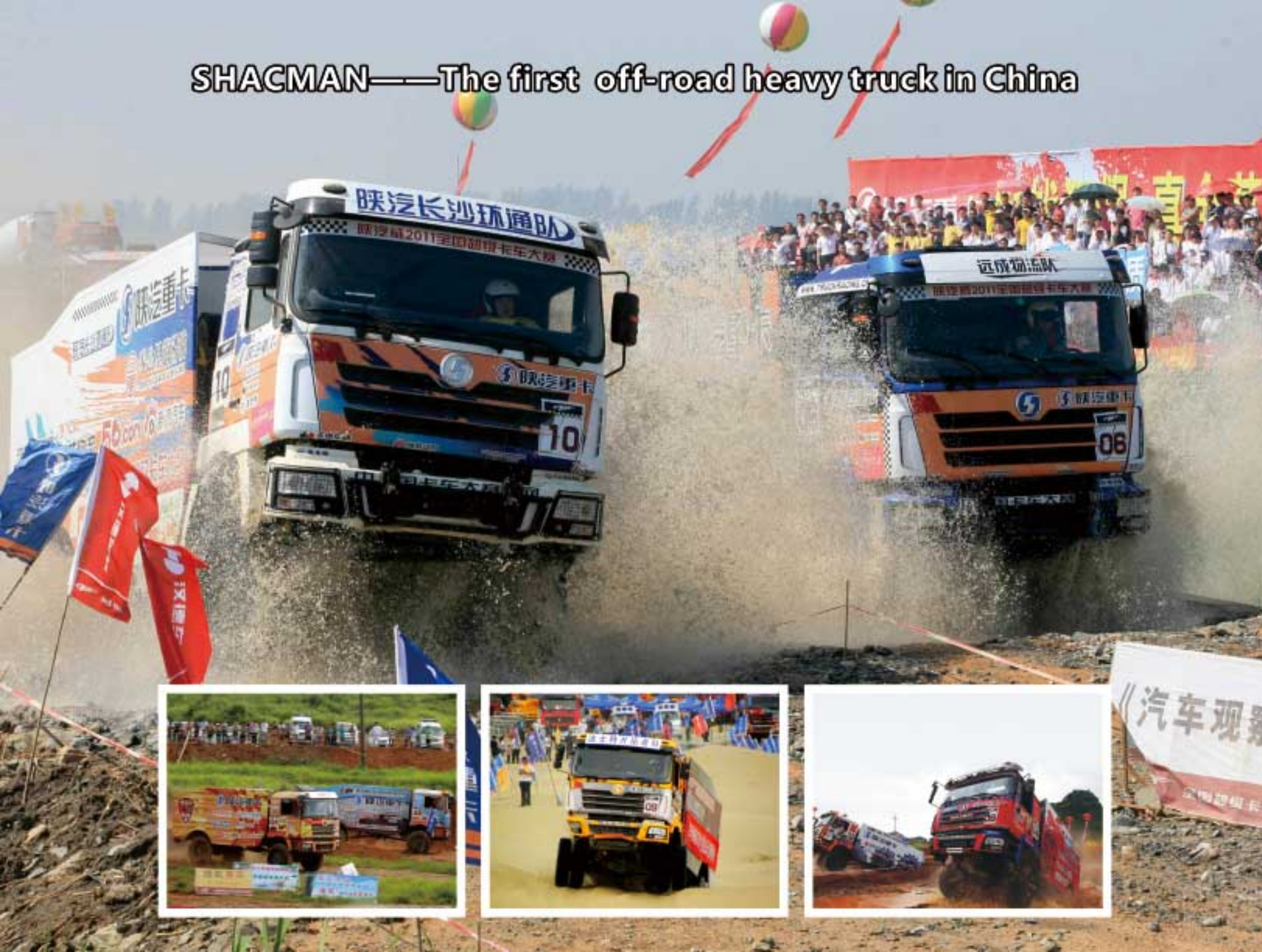
F2000



Transport type	Complex transport		Full drive truck	
Logistics type	Daily industrial products and food		Wood, building materials, steel, ceramic tile, etc	
Distance (km)	≤300km		≤300km	
Road type	Paved roads		Offroad	
Drive	6×4	8×4	4×4	6×6
Max weight(t)	≤ 35	≤ 50	≤ 25	≤ 90
Crusing speed/Max speed(km/h)	90	90	75	75
Loaded speed(km/h)	50~65	50~65	40~60	40~60
Vehicle model	SX1255DM564	SX1315JR456	SX2165JT442	SX2255JV465
Engine	WP10.290	WP10.340	WP10.380	WP12.420
Emission standard	Euro II	Euro II	Euro II	Euro II
Displacement	9.7L	9.726L	9.726L	11.596L
Rated Output	233kW	250kW	280kW	309kW
Max. torque	1160N·m	1350N·m	1460N·m	1750N·m
Transmission	9JS119	10JSD140	9JS180	9JS220
Clutch	430	430	430	430
Frame	850×300 (8+5)	850×300 (8+5)	850×300 (8+7)	850×300 (8+7)
Front axle	MAN 7.5T	MAN 7.5T	STR 6.5	STR 6.5
Rear axle	13T STR double reduction 4.8	13T STR double reduction 4.8	16T STR double reduction 5.73	16T STR double reduction 5.73
Tire	12.00R20	12.00R20	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Fuel	Diesel	Diesel	Diesel	Diesel
Capacity of the fuel tank	400L (Aluminum shell)	400L (Aluminum shell)	380L	380L
Battery	165Ah	165Ah	135Ah	135Ah
Dimensions(L×W×H)	10975×2490×3450	11425×2490×3450	6950×2490×3270	9575×2490×3450
Trunk(L×W×H)	9300×2300×800	9500×2300×800	4500×2300×1100	7500×2300×800
Wheelbase	5575+1400	1800+4575+1400	4400	4600+1400
After the suspension	2900	2300	2300	2400
Approach/Departure angle (°)	18/12	18/12	28/55	28/55
Max.gradeability(%)	33	33	25	25
Cab	Type	MAN F2000 , mid-lengthened flat roof		MAN F2000 , mid-lengthened flat roof
	Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Manual sunroof ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic suspension of cab ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Air cushioned drivers seat ◆ Full vehicle WABCO valve ◆ Electronic air conditioning with temperature control
	Optional	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve ● Electronic air conditioning with temperature control 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve ● Electronic air conditioning with temperature control 	

Plumbeum Red (metallic) Wealth Orange (metallic) Plumbeum Green (metallic) Ocean Blue (metallic) Mint Green (metallic) Cherry Red (regular) Duke Yellow (metallic) Pearl White (regular) Plumbeum Black (regular)

SHACMAN——The first off-road heavy truck in China



汽车观察



Cement mixer truck

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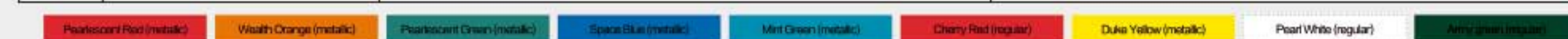
SHACMAN

F3000 SERIES



Transport type	Heavy haul transportation			
Logistics type	Concrete			Bulk cement
Distance(km)	≤50			≤300
Road type	Paved roads			Paved road
Drive	6×4	6×4	8×4	8×4
Max weight(t)	≤35	≤35	≤50	≤50
Crusing speed/Max speed(km/h)	80	80	85	85
Road type	Paved roads	Paved roads	Paved roads	Paved roads
Loaded speed(km/h)	45~60	45~60	45~60	45~60
Vehicle model	SX5255GJBJR384	SX5255GJBJR384C	SX5315GJBJT306	SX5315GSNJT456
Engine(km/h)	WP10.340+PTO	ISM 345+PTO	WP12.380+PTO	WP12.380
Emission standard	Euro II	Euro III	Euro II	Euro II
Displacement	9.7L	11.596L	11.596L	11.596L
Rated Output	250kW	254kW	280kW	280kW
Max. torque	1350N·m	1710N·m	1500N·m	1500N·m
Transmission	9JS135	9JS180	RTD11509C	12JSD160T+QH70
Clutch	430	430	430	430
Frame	850×300 (8+7)	850×300 (8+7)	850×300 (8+7)	850×300 (8+7)
Front axle	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 7.5T
Rear axle	16T MAN double reduction 5.262	16T MAN double reduction 5.262	16T MAN double reduction 5.262	16T MAN double reduction 5.262
Tire	12.00R20	12.00R20	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs	Multi leaf springs
Fuel	Diesel	Diesel	Diesel	Diesel
Capacity of the fuel tank	400L (Aluminum shell)	400L (Aluminum shell)	400L (Aluminum shell)	400L (Aluminum shell)
Battery	165Ah	180Ah	165Ah	165Ah
Dimensions(L×W×H)	8475×2495×3774	8475×2495×3774	10725×2495×3774	11725×2495×3774
Volume (m³)	9	9	12	40
Wheelbase	3775+1400	3775+1400	1800+2975+1400	1800+4575+1400
Approach / Departure angle (°)	20/18	20/18	20/18	20/12
Max. gradeability(%)	34	34	34	27

Cab	Type	MAN F3000, lengthened flat roof	
	Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Manual sunroof ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic suspension of cab ◆ Electronic air conditioning with temperature control ◆ Electric window ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Manual sunroof ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic suspension of cab ◆ Electronic air conditioning with temperature control ◆ Electric window ◆ Radio with MP3 player
Optional	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve 	



Crane truck

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F2000 SERIES



Transport type	Lorry-mounted crane		
Logistics type	Cargo		
Distance(km)	≤ 50		
Road type	Paved roads		
Drive	4×2	6×4	
Max weight(t)	≤ 25	≤ 40	
Crusing speed/Max speed(km/h)	90	90	
Road type	Paved roads	Paved roads	
Loaded speed(km/h)	50~70	50~70	
Vehicle model	SX5255JSQDM561	SX5255JSQDM564	
Engine(km/h)	WP10.290	WP10.290	
Emission standard	Euro II	Euro II	
Displacement	9.7L	9.7L	
Rated Output	233kW	233kW	
Max. torque	1160N·m	1160N·m	
Transmission	9JS119+QH50	9JS119+QH50	
Clutch	430	430	
Frame	850×300 (8+5)	850×300 (8+5)	
Front axle	MAN 7.5T	MAN 7.5T	
Rear axle	13T MAN double reduction 4.769	13T MAN double reduction 4.769	
Tire	12.00R20	12.00R20	
Front Suspension	Multi leaf springs	Multi leaf springs	
Rear Suspension	Multi leaf springs	Multi leaf springs	
Fuel	Diesel	Diesel	
Capacity of the fuel tank	400L (Aluminum shell)	400L (Aluminum shell)	
Battery	165Ah	165Ah	
Dimensions(L×W×H)	9375×2495×3774	10575×2495×3774	
After the suspension	2200	2900	
Wheelbase	5600	5775+1400	
Approach / Departure angle (°)	20/18	20/18	
Max.gradeability(%)	34	34	
Cab	Type	MAN F2000, low flat roof	
	Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ Electronic air conditioning with temperature control ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ Electronic air conditioning with temperature control ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player
	Optional	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve

Pearlescent Red (metallic)
Vivid Orange (metallic)
Pearlescent Green (metallic)
Space Blue (metallic)
Vibrant Green (metallic)
Cherry Red (regular)
Duke Yellow (metallic)
Pearl White (regular)
Pearlescent Green (regular)

Oil tanker truck

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F2000 SERIES

F2000



Transport type	Tanker		
Logistics type	Oil		
Distance(km)	≤300		
Road type	Paved roads		
Drive	4×2	6×4	6×4
Max weight(t)	≤ 20	≤ 40	≤ 40
Crusing speed/Max speed(km/h)	90	90	90
Road type	Paved roads	Paved roads	Paved roads
Loaded speed(km/h)	50~70	50~70	50~70
Vehicle model	SX5185GYYJL461	SX5255GYYJM434	SX5255GYYJM564
Engine(km/h)	WP10.270	WP10.290	WP10.290
Emission standard	Euro II	Euro II	Euro II
Displacement	9.7L	9.7L	9.7L
Rated Output	199kW	233kW	233kW
Max. torque	1100N·m	1160N·m	1160N·m
Transmission	9JS119+QH50	9JS119+QH50	9JS119+QH50
Clutch	430	430	430
Frame	850×300 (8+5)	850×300 (8+5)	850×300 (8+5)
Front axle	MAN 7.5T	MAN 7.5T	MAN 7.5T
Rear axle	13T STR double reduction 4.8	13T STR double reduction 4.8	13T STR double reduction 4.8
Tire	12.00R20	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs	Multi leaf springs
Fuel	Diesel	Diesel	Diesel
Capacity of the fuel tank	400L (Aluminum shell)	400L (Aluminum shell)	400L (Aluminum shell)
Battery	165Ah	165Ah	165Ah
Dimensions(L×W×H)	7450×2490×3270	9275×2495×3774	10475×2495×3774
Volume (m³)	10	25	25
Wheelbase	4600	4375+1400	5575+1400
Approach/Departure angle (°)	20/18	20/18	20/18
Max.gradeability(%)	34	34	34

Cab	Type	MAN F2000, lengthened flat roof	
	Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player
Optional	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve ● Electronic air conditioning with temperature control 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve ● Electronic air conditioning with temperature control 	



Sprinkler truck

SHACMAN

SHACMAN

F2000 SERIES

F2000



Transport type	Sprinkler	
Logistics type	Water	
Distance(km)	≤ 50	
Road type	Paved roads	
Drive	4×2	6×4
Max weight(t)	≤20	≤40
Crusing speed/Max speed(km/h)	90	90
Road type	Paved roads	Paved roads
Loaded speed(km/h)	50~70	50~70
Vehicle model	SX5185GSSJL461	SX5255GSSJM434
Engine(km/h)	WP10.270	WP10.290
Emission standard	Euro II	Euro II
Displacement	9.7L	9.7L
Rated Output	199kW	233kW
Max. torque	1100N·m	1160N·m
Transmission	9JS119+QH50	9JS119+QH50
Clutch	430	430
Frame	850×300 (8+5)	850×300 (8+5)
Front axle	MAN 7.5T	MAN 7.5T
Rear axle	13T STR double reduction 4.8	13T STR double reduction 4.8
Tire	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs
Fuel	Diesel	Diesel
Capacity of the fuel tank	400L (Aluminum shell)	400L (Aluminum shell)
Battery	165Ah	165Ah
Dimensions(L×W×H)	7450×2490×3270	9275×2495×3774
Volume (m³)	10	25
Wheelbase	4600	4375+1400
Approach / Departure angle (°)	20/18	20/18
Max.gradeability(%)	34	34

Cab	Type	MAN F2000, lengthened flat roof	
	Equipments	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player 	<ul style="list-style-type: none"> ◆ Rear window ◆ Mechanical clerestory ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player
Optional	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve ● Electronic air conditioning with temperature control 	<ul style="list-style-type: none"> ● Air cushioned drivers seat ● Full vehicle WABCO valve ● Electronic air conditioning with temperature control 	

