



H SERIES

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SHACMAN

H3000



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SHACMAN TRUCK

H3000

Brief introduction of the company

Shaanxi Automobile Holding Group Co., Ltd (SAHG for short) , headquartered in Xi' an city, Shaanxi province, is the largest manufacturing enterprise in the northwest of China, which was founded in 1968 formerly known as Shaanxi Automobile Works and now has more than 28000 employees with total assets of 56.3 billion yuan, ranking 267th in China's top 500 enterprises and 20th 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 other more than 100 subsidiaries and joint stock companies. SAHG is mainly engaged in developing, producing, selling and servicing of commercial vehicles including heavy military off-road vehicles, heavy duty truck, medium and light truck, large and medium passenger bus, minivan, special vehicles such as refrigerator truck, sweeper and dump truck, as well as components including heavy and micro axle and Cummins engine.

As the main R & D and production base of heavy duty military truck in China. In the past 50 years, with the national feelings of contributing to the country, SAHG has successfully completed three generations of heavy duty military off-road truck 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, the 90th anniversary of the founding of the People's Liberation Army, and accounts for more than 95% of the same kind of vehicle equipment in active service.

SAHG is one of China's first export base enterprises of finished vehicles and parts. The company acquired the national right of import and export in 1992, having been exporting for nearly 30 years. In recent years, SAHG has focused on the market opportunities of "One Belt And One Road", by fully integrating international market resources, accelerating international production capacity cooperation, promoting the internationalization of global layout and industrial system, and realized the "going out" to "going in" from general trade to technology transfer, localized production and supporting facilities. Localization factories are established in Kenya, Nigeria, Kazakhstan, Malaysia and other countries. More than 200 Shacman marketing distributors and 300 Shacman overseas service networks are selling and servicing in more than 100 countries and regions around the world.



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Golden industry chain

Weichai engine

Diesel engine for WP4/WP6/WP7/WP9H/WP10/WP10H/WP12/WP13 series, the displacement is 4.5L-12.54L, the power range covers 135-550HP to meet EU two to six emission standard.

Cummins engine

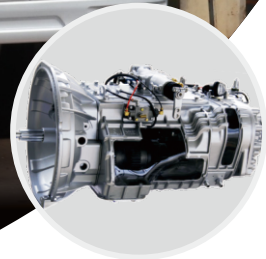
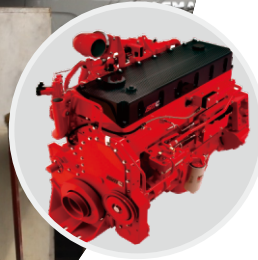
ISM11 electronic diesel engine with 10.8L displacement, the power range covers 250-440HP to meet EU two to six emission standard.

FAST gear

The market share is over 70%, the market maintenance is 5 million, the MT, AMT, AT, hydraulic retarder and other product type covers 6-16 gears with high quality, high reliability, high stability and high cost performance.

Hande axle

German MAN TGS, the product mainly conclude truck axle, bus axle and engineering vehicles axle, the truck axle include: 3.5T-9.5T front axle, 6T-16T single and double reduction rear axle, while the double reduction rear axle has the advantage of light weight, strong loading capacity and torque capacity in the industry.

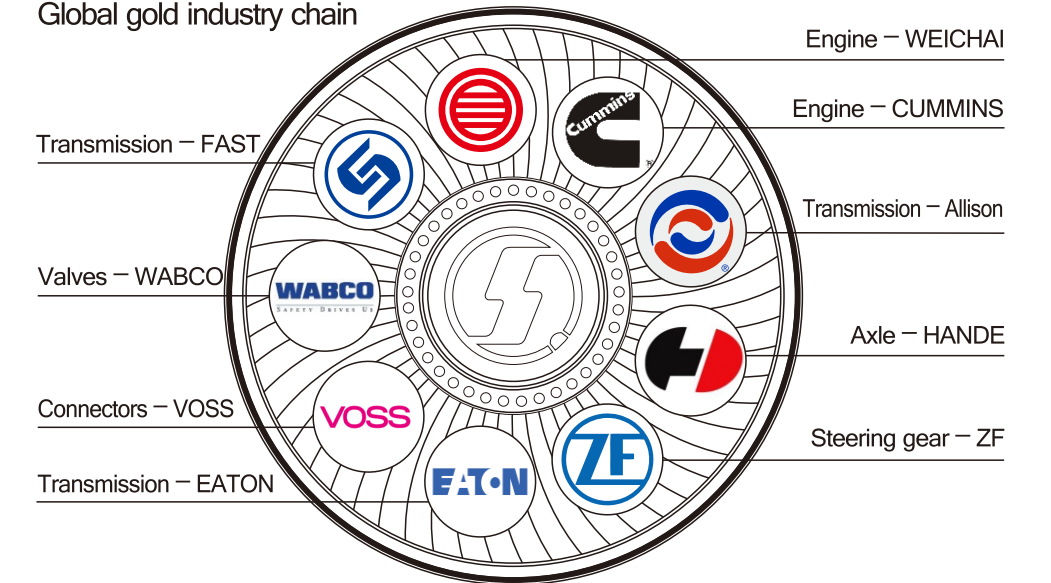


World-renowned suppliers

International supply system: SHACMAN vehicles are equipped with parts from world renowned suppliers such as Williams pedal mechanism, German ZF steering gear, USA Eaton clutch with more reliable performance, WABCO valve body and air dryer system and German VOSS quick docking system. Air proof performance increased by 40%.



Global gold industry chain



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SHACMAN
H3000 Series

MAN technology , Military quality Safe and reliable

European standard, military quality: complete vehicle technology from European MAN platform, meeting 55 military truck standards. The complete vehicles pass the severe 200000 km actual road test with high altitude, cold and high temperature; free of maintenance for 800000 km



Suspension system upgrade: Fatigue test number reaches more than 138 thousand times (80000 times as specified in national standard) , life expectancy is 72% higher than the national requirement.

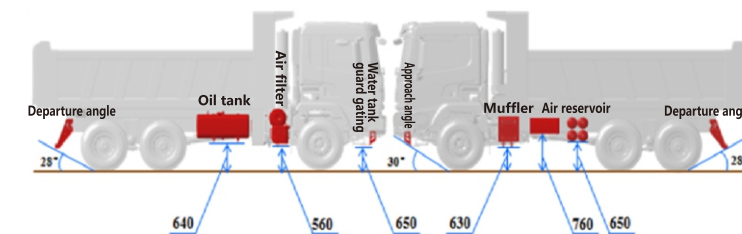
Multifunctional steering wheel: Endured fatigue test for more than 185 thousand times, one key quick start function feature, easy operation allowing driver to focus better on the road.

Intelligent door control system: Integrated power window lifter, electric heating mirror and central control door lock mechanism, working normally after 50 thousand durability tests.

Eagle type halogen headlight: Increased light distance by 25 meters, passed through 60H 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. H3000 adopts air cylinder and muffler. Chassis accessories are arranged in a flat way. The minimum ground clearance is more than 560 mm, the approach angle and departure angle are more than 28 degrees, increasing vehicle clearance.

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H3000 Series

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



In 1999, Shaanxi Automobile took part in the military parade on the 50th Anniversary of National Day.



1984, Shaanxi Automobile took part in the military parade on the 35th Anniversary of National Day.



In 2009, Shaanxi Automobile took part in the military parade on the 60th Anniversary of National Day.



2018 International Military "Automobile Expert" Competition - SHACMAN military vehicle won 6 First Prizes.



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



1975 × 2240 × 1846



2295 × 2240 × 1846



2295 × 2240 × 2159

Fashionable look with comfort and smart feature European cab

- The European technical frame narrow-body cab is more suitable for inter-city transportation and construction work.
- Popular V-shape grid style to optimize the complete vehicle CFD flow field, perform the wind tunnel test to optimize the cab and significantly reduce the wind resistance
- Vehicle electrophoretic multi-layer painting process technology is applied for the corrosion resistance optimization for the cab and frame. The corrosion resistance is 1.5 times higher than that of equivalents with longer life.
- Panoramic full-vision high quality front windshield provide greater vision
- Integral integrated headlights with LED daytime running lights.
- Three-section bumper with strong shock resistance, more convenient for maintenance.
- Industry widest 840mm sleeper with large space.
- The cab adopts 4-point air suspension mounting, adapting to different road conditions, improving the ride comfort of the cab. The cab adopts 4-point air suspension mounting, adapting to different road conditions, improving the ride comfort of the cab.
- In strict accordance with SIEMENS size engineering control product precision;



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SHACMAN
H3000 Series

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SHACMAN

H3000

TRAILER TRUCK



Transport type	Commodity transportation logistics (Standard transport)			
Logistics type	Food, fruit, wood, household appliances and other department stores			
Distance(km)	≤2000			
Road type	Paved roads			
Drive	4×2	6×4	6×4	6×4
Max weight(t)	≤50	≤70	≤55	≤90
Max speed	100	110	110	95
Loaded speed(km)	60 ~ 75	50 ~ 70	50 ~ 75	40 ~ 60
Vehicle model	SX4185HL361	SX4255HT324	SX4255HT324C	SX4255HU324
Engine	WP7.270E31	WP10.380E22	ISM 385	WP12.400E201
Emission standard	Euro II	Euro II	Euro III	Euro II
Displacement	7.14L	9.726L	10.8L	11.596L
Rated Output	199kW	280kW	283kW	294kW
Max.torque	1100N·m	1460N·m	1835N·m	1920N·m
Transmission	RTD11509C (Aluminum shell)	12JSD200T-B (Aluminum shell)	12JSD200T-B (Aluminum shell)	12JSD200T-B (Aluminum shell)
Clutch	430	430	430	430
Frame	850×270 (8+5)	850×270(8+4)	850×270(8+4)	850×300 (8+5)

Front axle	MAN 7.5T	MAN 7.5T	MAN 7.5T	MAN 7.5T
Rear axle	13T MAN double reduction 4.266	13T MAN double reduction3.866	13T MAN double reduction 3.866	13T MAN double reduction 4.266
Tire	12R22.5	12R20	12R22.5	12.00R20
Front Suspension	Little leaf springs	Little leaf springs	Little leaf springs	Little leaf springs
Rear Suspension	Little leaf springs	Little leaf springs	Little leaf springs	Little leaf springs
Fuel	Diesel	Diesel	Diesel	Diesel
Capacity of the fuel tank	400L (Aluminum shell)	400L (Aluminum shell)	400L (Aluminum shell)	600L (Aluminum shell)
Battery	165Ah	165Ah	180Ah	165Ah
Dimensions(L×W×H)	6080×2490×3560	6860×2490×3710	6860×2490×3710	6860×2490×3710
Wheelbase	3600	3175+1350	3175+1350	3175+1400
The fifth wheel	90 type (lightweight)	90 type (lightweight)	90 type (lightweight)	90 type (lightweight)
Approach / Departure angle (°)	20/66	20/66	20/66	20/66
Max.gradeability(%)	20	20	20	20
Cab	Type	MAN H3000, lengthened flat roof		
	Equipments	◆ Rear window ◆ Sun roof ◆ Four point air suspension ◆ Air cushioned drivers seat ◆ radio with Mp3 player ◆ Automated air conditioning		
	Optional	● Central locking ● Full vehicle WABCO valve		

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DUMP TRUCK



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Transport type	Mining engineering		Highway transport	
Logistics type	Ore / sand / gravel / coal		Ore / sand / gravel / coal	
Distance (km)	≤200		≤200	
Road type	Offroad		Paved roads	
Drive	4×2	6×4	8×4	8×4
Max weight(t)	≤25	≤50	≤70	≤70
Max speed(km/h)	80	75	85	75
Loaded speed(km/h)	45 ~ 60	40 ~ 60	45 ~ 60	45 ~ 60
Vehicle model	SX3185MK381	SX3255MN324	SX3315MR306	SX3315MT326C
Engine	WP6.240E32	WP10.300E22	WP10.336	ISM 385
Emission standard	Euro II	Euro II	Euro II	Euro III
Displacement	6.75L	9.726L	9.726L	10.8L
Rated Output	176kW	220kW	247kW	283kW
Max. torque	800N·m	1390N·m	1250N·m	1835N·m
Transmission	8JS118+QH50	10JSD180+QH50	10JSD180+QH50	12JSD180T+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 9.5T	MAN 9.5T	MAN 9.5T
Rear axle		13T MAN double reduction 5.262	16T MAN double reduction 5.92	16T MAN double reduction 5.262	16T MAN double reduction 5.262
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		400L (Aluminum shell)	400L (Aluminum shell)	400L (Aluminum shell)	400L (Aluminum shell)
Battery		165Ah	165Ah	165Ah	180Ah
Dimensions(L×W×H)		6750×2490×3270	7950×2490×3270	8500×2490×3210	8700×2490×3210
Trunk(L×W×H)		4000×2300×1100	4800x2300x1300	6500×2300×1500	6800×2300×1500
Wheelbase		3800	3175+1400	1800+2975+1400	1800+3175+1400
Approach / Departure angle (°)		28/23		28/55	28/55
Max.gradeability(%)		30		25	25
Cab	Type	MAN H3000 , mid-lengthened flat roof		MAN H3000 , mid-lengthened flat roof	
	Equipments	◆ Rear window ◆ Automated air conditioning ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player		◆ Rear window ◆ Automated air conditioning ◆ Hydraulic suspension of cab ◆ Hydraulic driver seat with seatbelts ◆ One sleeping bed ◆ Hydraulic reversal ◆ Radio with MP3 player	
	Optional	● Full vehicle WABCO valve		● Full vehicle WABCO valve	

SHACMAN H3000

LORRY TRUCK



Transport type	Complex transport			
Logistics type	Daily industrial products and food			
Distance (km)	≤300km			
Road type	Paved roads			
Drive	4×2	6×4	6×4	8×4
Max weight(t)	≤20	≤35	≤35	≤50
Crusing speed/Max speed(km/h)	90	90	90	90
Loaded speed(km/h)	60~70	50~65	45~65	50~65
Vehicle model	SX1165MF461	SX1255MR434	SX1255MR434C	SX1315HR456
Engine	WP6.180E32	WP10.300E22	ISM 345 30	WP10.340E22
Emission standard	Euro II	Euro II	EuroIII	Euro II
Displacement	6.75 L	9.726L	10.8L	9.726L
Rated Output	132kW	220kW	254kW	250kW
Max. torque	680N·m	1390N·m	1800N·m	1250N·m
Transmission	8JS85E	RTD11509C	10JSD180	10JSD180
Clutch	430	430	430	430
Frame	850×270 (8+4)	850×300(8+5)	850×300(8+5)	850×300 (8+5)

Front axle		MAN 5.5T	MAN 7.5T	MAN 7.5T	MAN 7.5T
Rear axle		13T MAN double reduction 4.769	13T MAN double reduction 4.769	13T MAN double reduction 4.266	13T MAN double reduction 4.769
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		400L (Aluminum shell)	400L (Aluminum shell)	400L (Aluminum shell)	400L (Aluminum shell)
Battery		165Ah	165Ah	180Ah	165Ah
Dimensions(L×W×H)		8575×2490×3450	10575×2490×3450	10275×2490×3450	11425×2490×3450
Trunk(L×W×H)		6300×2326×580	7600×2300×800	7600×2300×800	9500×2300×800
Wheelbase		4600	4375+1400	4375+1400	1800+4575+1400
After the suspension		2100	2400	2400	2300
Approach / Departure angle (°)		18/12	18/12	18/12	18/12
Max.gradeability(%)		34	34	34	34
Cab	Type	MAN H3000 , mid-lengthened flat roof			
	Equipments	◆ Rear window ◆ Manual sunroof ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic suspension of cab ◆ Automated air conditioning ◆ Electric window ◆ Radio with MP3 player			
	Optional	● Air cushioned drivers seat ● Full vehicle WABCO valve ● Central locking ● 11.00R20			

SHACMAN H3000

CEMENT MIXER TRUCK



Transport type	Heavy haul transportation		
Logistics type	Concrete		
Distance(km)	≤50		
Road type	Paved roads		
Drive	6×4	6×4	8×4
Max weight(t)	≤35	≤35	≤50
Crusing speed/Max speed(km/h)	85	70	85
Road type	Paved roads	Paved roads	Paved roads
Loaded speed(km/h)	45 ~ 60	40 ~ 60	45 ~ 60
Vehicle model	SX5255GJBHR384	SX5255GJBHR384C	SX5315GJBHU306
Engine(km/h)	WP10.336+PTO	ISME345 30+PTO	WP12.400E201+PTO
Emission standard	Euro II	EuroIII	Euro II
Displacement	9.7L	10.8L	11.596L
Rated Output	250kW	254kW	280kW
Max. torque	1350N·m	1800N·m	1500N·m
Transmission	RTD11509C	10JSD180	10JSD180
Clutch	430	430	430

Frame		850×300 (8+7)	850×300 (8+7)	850×300 (8+7)
Front axle		MAN 9.5T	MAN 9.5T	MAN 9.5T
Rear axle		16T MAN double reduction 5.92	16T MAN double reduction 5.262	16T MAN double reduction 5.262
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	180Ah	165Ah
Dimensions(L×W×H)		8575×2495×3774	8575×2495×3774	10725×2495×3774
Volume (m³)		9	9	12
Wheelbase		3775+1400	3775+1400	1800+2975+1400
Approach / Departure angle (°)		20/18	20/18	20/18
Max.gradeability(%)		34	34	34
Cab	Type	MAN H3000, lengthened flat roof		
	Equipments	◆ Rear window ◆ Manual sunroof ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic suspension of cab ◆ Automated air conditioning ◆ Electric window ◆ Radio with MP3 player		
	Optional	● Air cushioned drivers seat ● Full vehicle WABCO valve ● Central locking		

SHACMAN H3000

OIL TANKER TRUCK



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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	≤50
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	SX5185GYML461	SX5255GYH434	SX5315GYHR456
Engine(km/h)	WP10.270E32	WP10.300E22	WP10.340E22
Emission standard	Euro II	Euro II	Euro II
Displacement	9.7L	9.726L	9.726L
Rated Output	199kW	221kW	250kW
Max. torque	1100N·m	1390N·m	1250N·m
Transmission	RTD11509C+QH50	RTD11509C+QH50	10JSD180+QH50
Clutch	430	430	430

Frame		850×270 (8+4)	850×300 (8+5)	850×300 (8+5)
Front axle		MAN 7.5T	MAN 7.5T	MAN 7.5T
Rear axle		13T MAN double reduction5.262	13T MAN double reduction 5.262	13T STR double reduction 5.262
Tire		10.00R20	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	11425×2490×3450
Volume (m³)		10	25	40
Wheelbase		4600	4375+1400	1800+4575+1400
Approach / Departure angle (°)		20/18	20/18	20/18
Max.gradeability(%)		34	34	34
Cab	Type	MAN H3000, lengthened flat roof		
	Equipments	◆ Rear window ◆ Manual sunroof ◆ Hydraulic driver seat with seatbelts ◆ Hydraulic suspension of cab ◆ Automated air conditioning ◆ Electric window ◆ Radio with MP3 player		
	Optional	● Air cushioned drivers seat ● Full vehicle WABCO valve ● Central locking		

PRODUCT DISPLAY



X6000

HEAVY DUTY TRUCK



X3000 SERIES



F3000 SERIES



X3000 SERIES



H3000 SERIES



X3000 SERIES



H3000 SERIES

SPECIAL TRUCK



F3000 SERIES



F3000 SERIES



F3000 SERIES



F3000 SERIES



H3000 SERIES



H3000 SERIES



Off-road dump truck



Offset dump truck



Wharf tractor

MEDIUM LIGHT TRUCK



L3000 SERIES



L3000 SERIES



L3000 SERIES



L3000 SERIES



X9 SERIES



X9 SERIES