

# 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.



# 01

**SHACMAN**  
H3000 Series

**SHACMAN**  
H3000 Series





## 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

ISMII 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.

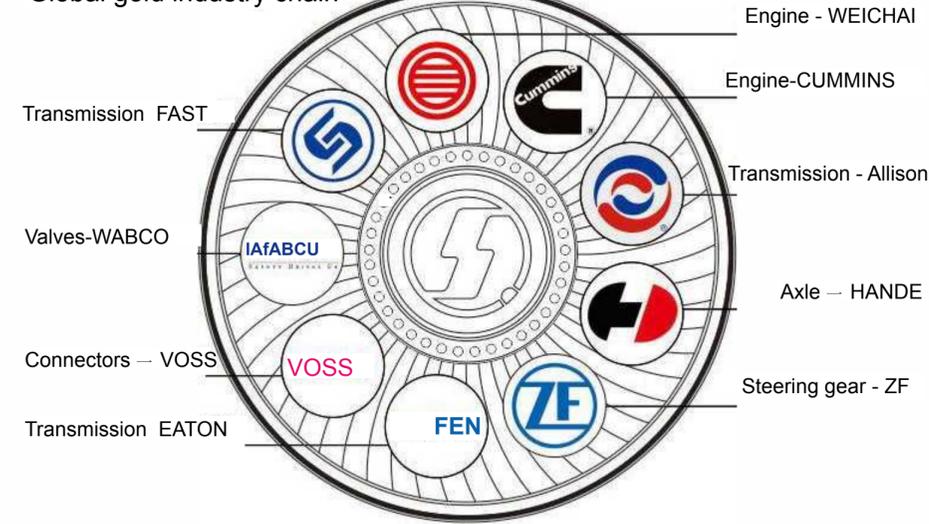


## World-renowned suppliers

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



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.

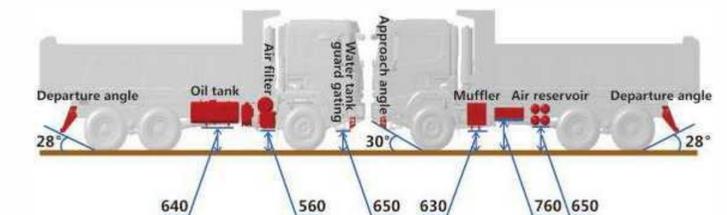
**Multifunctional steering wheel:** Endured fatigue test for more than 185 thousand times, one key quick start function feature, easy operation allowing driver to focus better on the road.

**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, braking 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.





1975x2240x1846



2295x2240x1846



2295x2240x2159

# 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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# TRAILER TRUCK



Transport type	Port	Logistics type	Food, fruit, wood, household appliances and other department stores	Bulk tank container transport
Logistics type		Container		Bulk cement
Distance(km)		<500	<2000	
Road type		Container	Paved roads	
Drive		4x2	6x4	6x4
Max weight(t)		<50	<55	<90
Max speed		100	110	100
Loaded speed(km)		50-70	70-90	50-70
Vehicle model		SX4188HR361	SX4255HT324	SX4256HT324C
Engine		WP10340E22	WP10.380E22	ISME385 30
Emission standard		Euro II	Euro II	Euro III
Displacement		9.726L	9.726L	10.8L
Rated Output		220kW	280kW	280kW
Max torque		1240Nm	1600Nm	1835Nm
Transmission		IZJdUZUU 1-D	IZJdUZUU 1-D	IZJdUZUU 1-D
Clutch		430	430	430
Frame		850x270(8+5)	850x270(8+4)	850x270(8+4)
Front axle		MAN 7.5T	MAN 5.5T	MAN 7.5T
Rear suspension		Multi leaf springs	Little leaf springs	Multi leaf springs
Fuel		Diesel	Desel	Diesel
Capacity of the fuel tank		400L(Aluminum shell)	400L( Aluminum shell)	400L(Aluminum shell)
Battery		165Ah	165Ah	180Ah
Dimensions(LxWxH)		6860x2490x3710	6860x2490x3710	6860x2490x3710
Wheelbase		3600	3175+1350	3175+1350
The fifth wheel		50 type	90 type( lightweight)	90 type
Max gradeability(%)		20	20	25

- Cab Equipments
- ◆ Air main seat
  - ◆ Four point air suspension cab
  - ◆ Rod type rear mirror
  - ◆ Electric air conditioning
  - ◆ Electric window lifter
  - ◆ Manual flip



Transport type	en		Highway tran:	
Logistics type	Slag, sand and stone		Ore / sand / gravel / coal	
Distance(km)	<200			
Road type	Offroad		Paved roads	
Drive	4x2	6x4	6x4	8x4
Max weight(t)	< 25	< 50	<50	<70
Max speed(km/h)	80	75	75	80
Loaded speed(km/h)	30~50	40-55	40-60	45-60
Vehicle model	SX3185MN381	SX3255MT384	SX3256MT384C	SX3315MR306
Engine	WP10300E22	WP10.380E22	ISM11E4 385	WP10340E22
Emission standard	Euro II	Euro II	Euro IV	Euro II
Displacement	9.726L	9.726L	10.8L	11.596L
Rated Output	220kW	280kW	283kW	250kW
Max. torque	1240Nm	1460Nm	1825Nm	1400Nm
Transmission	10JSD180+QH50	10JSD180+QH50	10JSD180+QH50	10JSD180+QH50
Clutch	430	430	430	430
Frame	850x300( 8+7)	850x300(8+7)	850x300(8+7)	850x300( 8+7)
Front axle	MAN 7.5T	MAN 9.5T	MAN 9.5T	MAN 9.5T
Rear axle	13T MAN double reduction 5.92	16T MAN double reduction 5.92	16T MAN double reduction 5.262	16T 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 sprmq
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 shel)	400L (Aluminum shel)	400L ( Aluminum shel)	400L ( Aluminum shel)
Battery	165Ah	165Ah	180Ah	165Ah
Dimensions(LxWxH)	6750x2490x3270	7950x2490x3270	7950x2490x 3270	8500x2490x 3210
Trunk(LxWxH)	4000x2300x1100	5600x2300x1500	55600x2300x1500	6500 x 2300 x 1500
Wheelbase	3800	3775+1400	3775+1400	1800+2975+1400
Max.gradeability(%)	30	30	30	25

- Equipments
- ◆ Hydraulic main seat
  - ◆ Automatic air conditioning
  - ◆ Four point hydraulic suspension cab
  - ◆ Rod type rear view mirror
  - ◆ Electric air conditioning
  - ◆ Electric window lifter
  - ◆ Manual flip



Transport type	Heavy haul transportation		
Logistics type	Daily goods / agricultural products transportation		
Distance(km)	<300		
Road type	Paved road		
Drive	4x2	6x4	8x4
Max weight(t)	<20	<35	<50
Max speed(km/h)	90	90	90
Loaded speed(km/h)	50-70	50-70	50-70
Vehicle model	SX1185MN461	SX1255MR464	SX1315HR456
Engine(km/h)	WP10.300E22	WP10340E22	WP10.340E22
Emission standard	EuroH	EuroII	Euro II
Displacement	9.726L	9.726L	9.726L
Rated Output	220kW	250kW	250kW
Max. torque	1240Nm	1400Nm	1400N-m
Transmission	RTD-11509C	10JSD180	10JSD180
Clutch	430	430	430
Frame	850x270 (8+4)	850x300 (8+7)	850x300 (8+7)
Front axle	MAN 5.5T	MAN 7.5T	MAN 7.5T
Rear axle	13T MAN double reduction 4.769	16T MAN double reduction 4.769	13T MAN double reduction 4.769
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(LxWxH)	8575x2495x3774	8575x2495x3774	10725x2495x3774
Wheelbase	4600 W 4375+1400	1800+4575+1400	
Max.g radeabi 1 ity(%)	34	34	34
Type	H3000 standard cab		
Cab	Equipments ♦ Hydraulic main seat ♦ Automatic air conditioning ♦ Four point hydraulic suspension cab ♦ Rod type rear view mirror ♦ Electric air conditioning ♦ Electric window lifter ♦ Manual flip		

# CEMENT MIXER TRUCK



Logistics type	Concrete			Bulk cement	
Distance(km)		<50			<300
Road type			Paved road		
Drive	6x4	6x4		8x4	8x4
Max weight(t)	<35	<35		<50	<60
Max speed(km/h)	85	70		85	85
Loaded speed(km/h)	40-60	40-60		40-60	40-60
Vehicle model	SX5255GJBHR384	SX5255GJBHR384C		SX5315GJBMT306	SX5315GSNMMU456
Engine(km/h)	WP10340E22+PTO	ISME345 30+PTO		WP10.380E22+PTO	WP12.400E201
Emission standard	Euro II	Euro III		Euro II	Euro II
Displacement	9.726L noni2XA/	10.8L □ CzlzXA/		9.726L nonizXA/ zoUKW	11.596L
Max. torque	1400Nm 1A KD1 QA	1710Nm 1 mcm on		1600Nm i n Km an	1800Nm
Frame	850x300 (8+7)	850x300 (8+7)		850x300 (8+7)	850x300 (8+7)
Front axle	MAN 9.5T	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	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(LxWxH)	8575x2495x3774	8575x2495x3774		10725x2495x3774	11725x2495x3774
Volume( m³)	10	10		12	40
Wheelbase	3775+1400	3775+1400		1800+2975+1400	1800+4575+1400
Max.gradeability(%)	34	34		34	27
Type	H3000 Medium long flat roof cab				

Cab

Equipments

- ◆ Hydraulic main seat
- ◆ Automatic air conditioning
- ◆ Four point hydraulic suspension cab
- ◆ Rod type rear view mirror
- ◆ Electric air conditioning
- ◆ Electric window lifter
- ◆ Manual flip



Logistics type	Oil	
Distance(km)	<50	
Road type	Paved roads	
Drive	6x4	8x4
Max weight(t)	<40	<50
Max speed(km/h)	90 50-70	90 50-70
Loaded speed(km/h)		
Vehicle model	SX5255GYH434	DAD0JUYM I400
Engine(km/h)	WP10.300E22	WP10380E22
Emission standard	Euro II	
Displacement	9.726L	9.726L
Rated Output	250kW	280kW
Max. torque	1350Nm	1600Nm
Transmission	RTD11509C+QH50	10JSD180+QH50
Clutch	430	
Frame	850x300 ( 8+5 )	850x300 (8+5 )
Front axle	MAN 7.5T	
Rear axle	13T MAN double reduction 5.262	13T MAN double reduction 5.262
Tire	: . . . 顾" . . . . . ]	
Front Suspension	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Multi leaf springs
	Diesel	Diesel
Capacity of the fuel tank	400L (Aluminum shell)	400L (Aluminum shell)
Battery	165Ah	165Ah
Dimensions(LxWxH)	9275x2495x3774	11425x2490x3450
Volume ( m³)	20	35
Wheelbase	4375+1400	1800+4575+1400
Max.gradeability(%)	34	34
Type	H3000 standard cab	

Cab

Equipments

- ◆ Hydraulic main seat
- ◆ Automatic air conditioning
- ◆ Four point hydraulic suspension cab
  - ◆ Rod type rear view mirror
- ◆ Electric air conditioning
- ◆ Electric window lifter
- ◆ Manual flip



Logisticstype	Water		
Distance(km)	<50		
Roadtype	Paved roads		
Drive	4x2		6M
Maxweight(t)	<2 0		<40
Max speed (km/h)	90		90
Loadedspeed(km/h)	40-60		40~ 60
Vehicle model	SX5185GSSMN461		SX5255GSSMN434
Engine (km/D	WP1Q300E22		WP10300E22
Emissionstandard	Euro II		Euro II
Displacement	9726L		9.726L
RatedOutput	220kW		220kW
Max torque	1240N-m		1240N-m
Transmission	RTD11509C4QH50		RTD11509C+QH50
Clutch	430		430
Frame	850x270( 844)		850300(8+5)
Frontaxle	MAN 7.5T		MAN 7.5T
Rear axle	1ST MAN doublereduction5.262		13T MAN doublereduction5.262
Tire	1200R20		1200R20
Frontsuspension	Multileafsprings		Multileafsprings
Rear Suspension	Multileafsprings		Multileafsprings
Fuel	Diesel		Diesel
Capacityofthefuel tank	400L( Aluminumshell)		40CL (Aluminumshell)
Battery	165Ah		16页h
Dimensions(LxWxH)	7450x2490x3270		9275x2495x3774
Volume( m³)	10		20
Wheelbase	4600		4375+1400
Maxgradeability(%)	34		34
Type		H3000standardcab	

Cab

Equipments

- ◆ Hydraulic main seat
- ◆ Automatic air conditioning
- ◆ Four point hydraulic suspension cab
- ◆ Rod type rear view mirror
- ◆ Electric air conditioning
- ◆ Electric window lifter
- ◆ Manual flip

# SHACMAN H3000 LORRY-MOUNTED CRANE



### Transport type

Logistics type  
Distance(km) Road  
type Drive  
Max weight(t)  
Max speed(km/h)  
Loaded speed(km/h)  
Vehicle model  
Engine(km/h)  
Emission standard  
Displacement Rated  
Output Max. torque  
Transmission

Cargo  
£50 Paved  
roads

	4x2	6x4
	<25	<40
	90	90
	40~60	40-60
	SX5185JSQMN561	SX5255GSSMN434
	WP10300E22	WP10340E22
	Euro II	Euro II
	9.726L	9.726L
	220kW	
	1240N-m	1400Nm
	RTD11509C+QH50	RTD11509C+QH50
Clutch	430	430
Frame	850x300(8+5)	850x300(8+5+8)
Front axle	MAN 7.5T	MAN 7.5T
Rear axle	16T MAN double reduction 4.769	13T MAN double reduction 5.262
Tire	12.00R20	12.00R20
Front Suspension	Multi leaf spnnqs	Multi leaf spnnqs
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(Lx Wx H)	7450 x2490 x 3270	9275 x 2495 x 3774
Wheelbase	5600	5775+1400
Max.gradeability(%)	34	34
Type	H3000 standard cab	

Cab

Equipments

- ◆ Hydraulic main seat
- ◆ Automatic air conditioning
- ◆ Four point hydraulic suspension cab
- ◆ Rod type rear view mirror
- ◆ Electric air conditioning
- ◆ Electric window lifter
- ◆ Manual flip



Transport type

Logistics type	Garbage		
Distance (km)	<50		
Road type	Paved roads		
Drive	4x2		6x4
Max weight (t)	<25		<40
Max speed (km/h)	90		90
Loaded speed (km/h)	40-60		40-60
Vehicle model	SX5185ZYSMN501		SX5255ZYSMR434
Engine(km/h)	WP10300E22		WP10340E22
Emission standard	Euro II		Euro II
Displacement	9.726L		9.726L
Rated Output	220kW		250kW
Max. torque	1240N-m		1400 N-m
Transmission	RTD11509C+QH50		RTD11509C+QH50
Clutch	430		430
Frame	850x300 (8+5 )		850x300 (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(Lx Wx H)	7450x2490x3270		9275x2495x3774
Volume (m³)	16		20
Wheelbase	5000		4375+1400
Max.gradeability (%)	34		34

Type H3000 standard cab

Cab

Equipments

- ◆ Hydraulic main seat
- ◆ Automatic air conditioning
- ◆ Four point hydraulic suspension cab
- ◆ Rod type rear view mirror
- ◆ Electric air conditioning
- ◆ Electric window lifter
- ◆ Manual flip

# ISPLAY

## HEAVY DUTY TRUCK



X3000 SERIES



F3000 SERIES



X3000 SERIES



H3000 SERIES



X3000 SERIES



H3000 SERIES

## SPECIAL TRUCK



F3000 SERIES



F3000 SERIES



F3000 SERIES



H3000 SERIES



Off-road dump truck



Offset dump truck



F3000 SERIES



H3000 SERIES



Wharf tractor

## MEDIUM LIGHT TRUCK



L3000 SERIES



L3000 SERIES



L3000 SERIES



L3000 SERIES



X9 SERIES



X9 SERIES