



H SERIES

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SHACMAN

H3000

SHAANXI HEAVY DUTY AUTOMOBILE IMPORT & EXPORT CO.,LTD

Address: Shaanqi Avenue, Jing Wei Industrial Park

Xi'an Economical & Technological Development Zone, Xi'an, China

Postcode : 710200

Fax : 0086-29-86956915/16

Sales telephone : 0086-29-86956901\5911

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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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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

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.

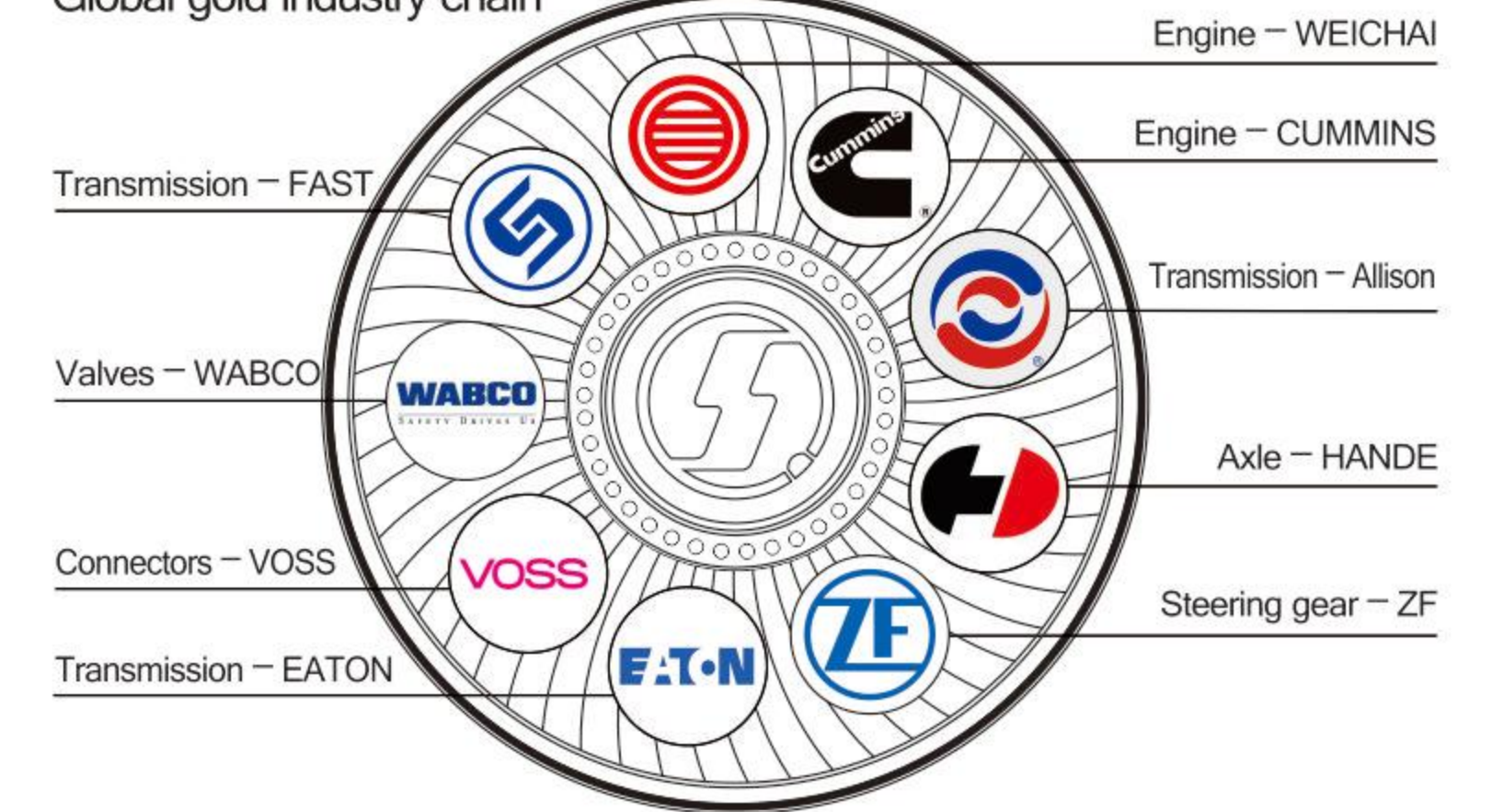


World-renowned suppliers

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





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.

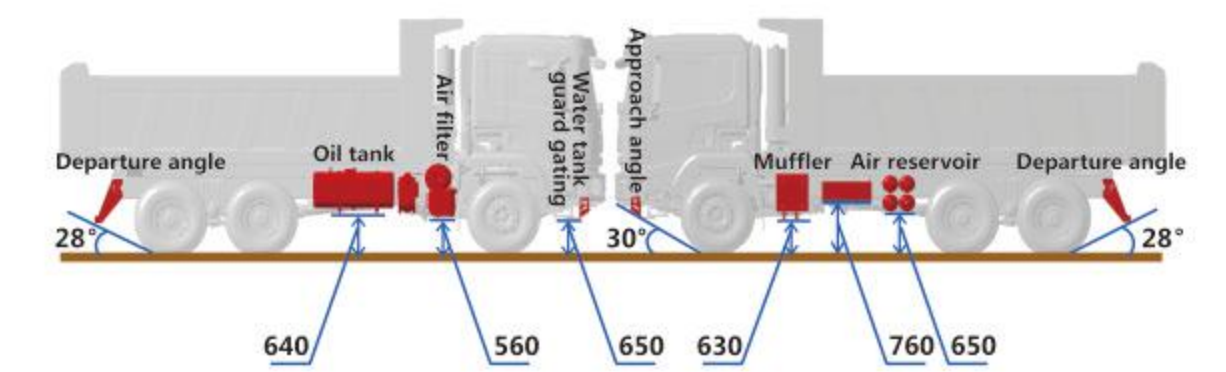
Multifunctional steering wheel: Endured fatigue test for more than 185 thousand times, one key quick start function feature, easy operation allowing driver to focus better on the road.

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.





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;



SHACMAN H3000 TRAILER TRUCK



Transport type	Port logistics transport	Daily goods transport		Bulk tank container transport
Logistics type	Container	Food, fruit, wood, household appliances and other department stores		Bulk cement
Distance(km)	≤500	≤2000		
Road type		Paved roads		
Drive	4×2	6×4	6×4	6×4
Max weight(t)	≤50	≤55	≤70	≤90
Max speed	100	110	110	100
Loaded speed(km)	50~70	70~90	50~70	50~70
Vehicle model	SX4188HR361	SX4255HT324	SX4256HT324C	SX4255HT324
Engine	WP10.340E22	WP10.380E22	ISME385 30	WP10.380E22
Emission standard	Euro II	Euro II	Euro III	Euro II
Displacement	9.726L	9.726L	10.8L	9.726L
Rated Output	220kW	280kW	280kW	280kW
Max.torque	1240N·m	1600N·m	1835N·m	1600N·m
Transmission	12JSD200T-B	12JSD200T-B	12JSD200T-B	12JSD200T-B
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 5.5T	MAN 7.5T	MAN7.5T
Rear axle	13T MAN double reduction 4.266	13T MAN single reduction 3.7	13T MAN double reduction 3.866	13T MAN single reduction 4.266
Tire	12R22.5	12R22.5	12.00R20	12.00R20
Front Suspension	Multi leaf springs	Little leaf springs	Multi leaf springs	Multi leaf springs
Rear Suspension	Multi leaf springs	Little 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)	6860×2490×3710	6860×2490×3710	6860×2490×3710	6860×2490×3710
Wheelbase	3600	3175+1350	3175+1350	3175+1400
The fifth wheel	50 type	90 type(lightweight)	90 type	90 type
Max.gradeability(%)	20	20	20	25
Type	H3000, Extended flat top cab			
Cab	Equipments	<ul style="list-style-type: none"> ◆ Air main seat ◆ Four point air suspension cab ◆ Rod type rear mirror ◆ Electric air conditioning ◆ Electric window lifter ◆ Manual flip 		

SHACMAN H3000 DUMP TRUCK



Transport type	Mining engineering			Highway transport
Logistics type	Slag, sand and stone	Ore / sand / gravel / coal		
Distance(km)	≤ 200			
Road type	Offroad			Paved roads
Drive	4×2	6×4	6×4	8×4
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	WP10.300E22	WP10.380E22	ISM11E4 385	WP10.340E22
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	1240N·m	1460N·m	1825N·m	1400N·m
Transmission	10JSD180+QH50	10JSD180+QH50	10JSD180+QH50	10JSD180+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 5.92	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 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)	6750×2490×3270	7950×2490×3270	7950×2490×3270	8500×2490×3210
Trunk(L×W×H)	4000×2300×1100	5600×2300×1500	55600×2300×1500	6500×2300×1500
Wheelbase	3800	3775+1400	3775+1400	1800+2975+1400
Max.gradeability(%)	30	30	30	25
Cab	H3000 standard cab			
Type				
Equipments	<ul style="list-style-type: none"> ◆ 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 TRUCK



Transport type	Heavy haul transportation		
Logistics type	Daily goods / agricultural products transportation		
Distance(km)	≤ 300		
Road type	Paved road		
Drive	4×2	6×4	8×4
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	WP10.340E22	WP10.340E22
Emission standard	Euro II	EuroII	Euro II
Displacement	9.726L	9.726L	9.726L
Rated Output	220kW	250kW	250kW
Max. torque	1240N·m	1400N·m	1400N·m
Transmission	RTD-11509C	10JSD180	10JSD180
Clutch	430	430	430
Frame	850×270 (8+4)	850×300 (8+7)	850×300 (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(L×W×H)	8575×2495×3774	8575×2495×3774	10725×2495×3774
Wheelbase	4600	4375+1400	1800+4575+1400
Max.gradeability(%)	34	34	34
Cab	Type	H3000 standard cab	
	Equipments	<ul style="list-style-type: none"> ◆ 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 CEMENT MIXER TRUCK



Transport type	Heavy haul transportation			
	Concrete		Bulk cement	
Logistics type	Concrete		Bulk cement	
Distance(km)	≤ 50		≤ 300	
Road type	Paved road			
Drive	6×4	6×4	8×4	8×4
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	SX5315GSNMU456
Engine(km/h)	WP10.340E22+PTO	ISME345 30+PTO	WP10.380E22+PTO	WP12.400E201
Emission standard	Euro II	Euro III	Euro II	Euro II
Displacement	9.726L	10.8L	9.726L	11.596L
Rated Output	250kW	254kW	280kW	294kW
Max. torque	1400N·m	1710N·m	1600N·m	1800N·m
Transmission	10JSD180	10JSD180	10JSD180	12JSD200T+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 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(L×W×H)	8575×2495×3774	8575×2495×3774	10725×2495×3774	11725×2495×3774
Volume(m ³)	10	10	12	40
Wheelbase	3775+1400	3775+1400	1800+2975+1400	1800+4575+1400
Max.gradeability(%)	34	34	34	27
Cab	Type	H3000 Medium long flat roof cab		
	Equipments	<ul style="list-style-type: none"> ◆ 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 OIL TANKER TRUCK



Transport type	Tanker	
Logistics type	Oil	
Distance(km)	≤50	
Road type	Paved roads	
Drive	6×4	8×4
Max weight(t)	≤40	≤50
Max speed(km/h)	90	90
Loaded speed(km/h)	50 ~ 70	50 ~ 70
Vehicle model	SX5255GYH434	SX5315GYMT456
Engine(km/h)	WP10.300E22	WP10.380E22
Emission standard	Euro II	Euro II
Displacement	9.726L	9.726L
Rated Output	250kW	280kW
Max. torque	1350N·m	1600N·m
Transmission	RTD11509C+QH50	10JSD180+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 5.262	13T MAN double reduction 5.262
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)	9275×2495×3774	11425×2490×3450
Volume (m³)	20	35
Wheelbase	4375+1400	1800+4575+1400
Max.gradeability(%)	34	34
Type	H3000 standard cab	
Cab	Equipments	<ul style="list-style-type: none"> ◆ 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 SPRINKLER TRUCK



Transport type		Sprinkler	
Logistic type		Water	
Distance(km)		≤50	
Road type		Paved roads	
Drive	4×2		6×4
Max weight(t)	≤20		≤40
Max speed(km/h)	90		90
Loaded speed(km/h)	40~60		40~60
Vehicle model	SX5185GSSMN461		SX5255GSSMN434
Engine(km/h)	WP10300E22		WP10300E22
Emission standard	Euro II		Euro II
Displacement	9.726L		9.726L
Rated Output	220kW		220kW
Max torque	1240N·m		1240N·m
Transmission	RTD11509C+QH50		RTD11509C+QH50
Clutch	430		430
Frame	850×270(8+4)		850×300(8+5)
Front axle	MAN 7.5T		MAN 7.5T
Rear axle	13T MAN doublereduction5.262		13T MAN doublereduction5.262
Tire	1200R20		1200R20
Front Suspension	Multileafsprings		Multileafsprings
Rear Suspension	Multileafsprings		Multileafsprings
Fuel	Diesel		Diesel
Capacity of the fuel tank	400L (Aluminumshell)		400L (Aluminumshell)
Battery	165Ah		165Ah
Dimensions(L×W×H)	7450×2490×3270		9275×2495×3774
Volume(m ³)	10		20
Wheelbase	4600		4375+1400
Max gradeability(%)	34		34
	Type	H3000 standard cab	
Cab	Equipments	<ul style="list-style-type: none"> ◆ 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	Lorry-mounted crane	
Logistics type	Cargo	
Distance(km)	≤50	
Road type	Paved roads	
Drive	4×2	6×4
Max weight(t)	≤25	≤40
Max speed(km/h)	90	90
Loaded speed(km/h)	40~60	40~60
Vehicle model	SX5185JSQM561	SX5255GSSMN434
Engine(km/h)	WP10.300E22	WP10.340E22
Emission standard	Euro II	Euro II
Displacement	9.726L	9.726L
Rated Output	220kW	250kW
Max. torque	1240N·m	1400N·m
Transmission	RTD11509C+QH50	RTD11509C+QH50
Clutch	430	430
Frame	850×300(8+5)	850×300(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 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
Wheelbase	5600	5775+1400
Max.gradeability(%)	34	34
Cab	Type	H3000 standard cab
	Equipments	<ul style="list-style-type: none"> ◆ 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 COMPRESSION GARBAGE



Transport type		Compression garbage	
Logistics type		Garbage	
Distance(km)		≤50	
Road type		Paved roads	
Drive	4×2		6×4
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)	WP10.300E22		WP10.340E22
Emission standard	Euro II		Euro II
Displacement	9.726L		9.726L
Rated Output	220kW		250kW
Max. torque	1240N·m		1400N·m
Transmission	RTD11509C+QH50		RTD11509C+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)	7450×2490×3270		9275×2495×3774
Volume (m³)	16		20
Wheelbase	5000		4375+1400
Max.gradeability (%)	34		34
Type		H3000 standard cab	
Cab	Equipments	<ul style="list-style-type: none"> ◆ Hydraulic main seat ◆ Automatic air conditioning ◆ Four point hydraulic suspension cab ◆ Rod type rear view mirror ◆ Electric air conditioning ◆ Electric window lifter ◆ Manual flip 	

PRODUCT DISPLAY



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Off-road dump truck



Offset dump truck



Wharf tractor

MEDIUM LIGHT TRUCK



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X9 SERIES



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