

3000 SERIES





T R U C K I N G M A D E B E T T E R

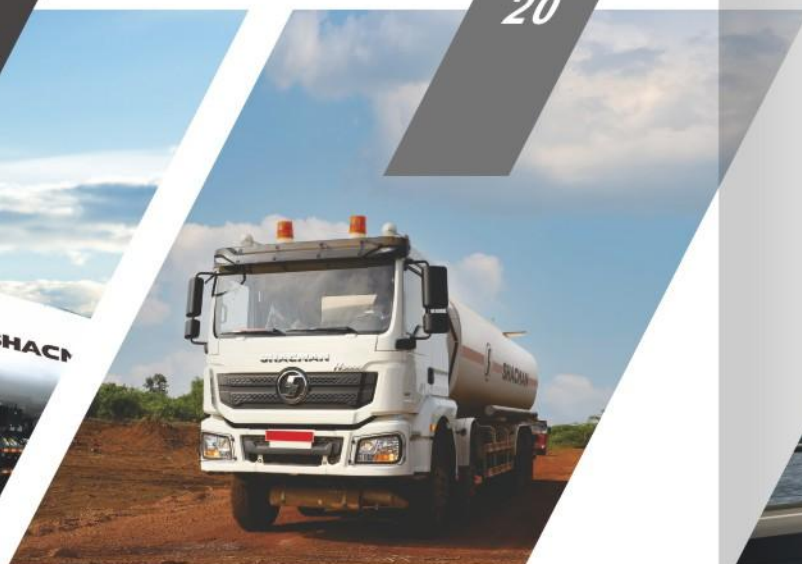
01
-
10



X3000

Long-distance
logistics transportation

11
-
20



H3000

Multi-functional medium
and short-distance transportation

21
-
30



L3000

Intercity short-distance
transportation

31
-
40



F3000

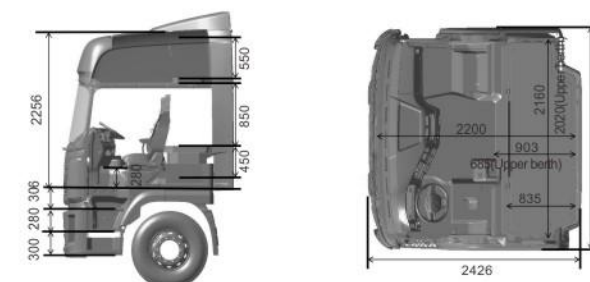
Multi-functional
heavy-duty transportation

CONTENTS
CONTENTS

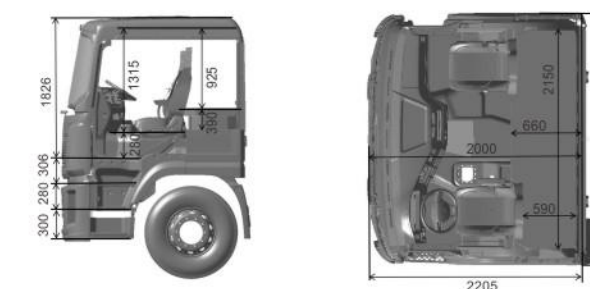
X3000 PLATFORM



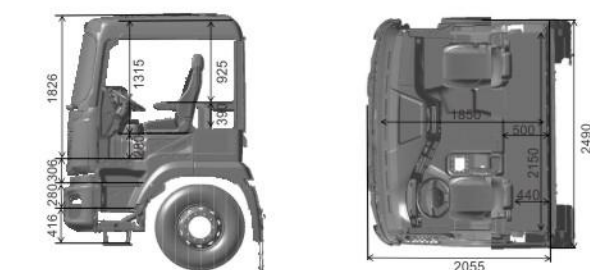
Cab



- Extended high-roof wide-body cab



- Extended flat-roof wide-body cab



- Medium-length flat-roof wide-body cab

Left-hand drive or right-hand drive options available.
Compatible with both fiberglass and metal bumpers.

TRUST IN EVERY RUN



PROVEN RELIABLE

For half a century, we have been committed to ensuring the reliability of vehicle manufacturing.

The X3000's remarkable quality has enabled it to travel more than 2 million kilometers without major repairs. We have always believed that only time can prove the true trustiness. X3000 is the answer given by time.

LONGEVITY STRUCTURE

6000T

The framework structure is made of Improved high strength 6000t hydraulic alloy steel, which is formed by integral stamping, making it wider and more durable.



12 MILLION KILOMETERS

With the overall improvement of electrical components, X3000 succeeded in the rigorous mile test, over 12 million kilometers cumulative mileage.



ECE-R29

The robotic welded cab brings better impact resistance and has passed the latest European "ECE-R29" crash test.





SMART SAVING SYSTEM

-  Based on the weight of the vehicle, the engine can dynamically adjust its power output to maximize fuel economy.
-  The gearbox with unique twin shaft structure excels in fuel consumption for long-distance transportation under complex conditions.
-  FAG low-friction, maintenance-free bearing axles benefit customers with higher transmission efficiency and low maintenance costs.
-  Through CFD optimization, the new body shape reduces the overall wind resistance to 0.53, thus reducing fuel consumption.



TOP-NOTCH EFFICIENT POWER

Our Tireless Pursuit of Efficiency Is about Hard-earned Happiness.

EXTERNAL AND INTERNAL CULTIVATION

To Cultivate Oneself both Internally and Externally Is a Virtue.



ORIGINAL DESIGN CAB

Improving the external flow field significantly reduces the air and body friction, resulting in excellent NVH performance.

The combination headlights not only bring a grand appearance but also provide a wider range of illumination. In addition, daytime running lights ensure safer driving during the day.

Thanks to the four-point air suspension system and lateral shock absorbers, the smoothness of the cabin during driving is significantly improved, with less body vibration and greater comfort.

COMFORT INTERIOR

Natural fabric interior highlights luxurious texture. Multi-layer noise reduction innovative interior reduces in-cab noise to 55-73dB by absorbing and isolating noise to create a quiet environment.

The double-decker extra-wide sleeper is made by comfortable sponge material with better breathability. In addition, the 650L combination super-large storage space meets almost any long-distance needs.





INTELLIGENT CONTROL

The Person Is Composed and Hardworking, While Possessing a Shrewd Mind.



SYSTEM-LEVEL INTELLIGENCE*



LDWS

Lane departure warning system



TPMS

Tire pressure monitoring system



FMS

Fatigue monitoring system



360°

360 °panoramic view system

*These features are optional.



AUXILIARY CONTROL



Intelligent door control



Electric and heated rearview mirror



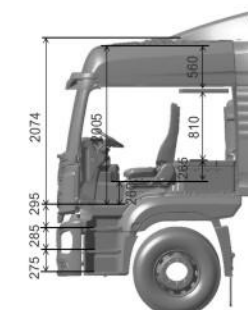
Electronic thermostatic air conditioning

H3000

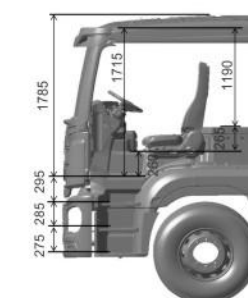
PLATFORM



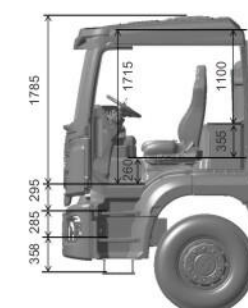
Cab



- Extended high-roof narrow-body cab



- Extended half-height narrow-body cab



- Standard narrow-body cab

Left-hand drive or right-hand drive options available.
Compatible with both highway and off-road bumpers.

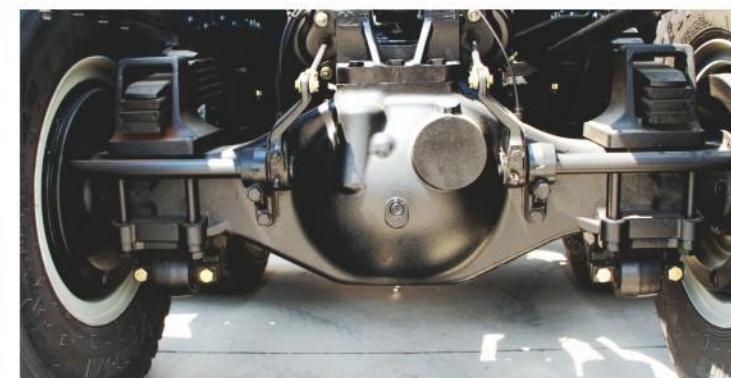
LOAD ANYTHING, GO ANYWHERE

DESIGNED FOR MANEUVERABILITY

Going Lightly into Battle Is in Go Further.

The H3000 platform narrow-body cab is designed specifically for intercity transportation and construction work. Its excellent maneuverability greatly enhances productivity efficiency, allowing it to freely navigate through every corner of the city. It always effortlessly completes transportation tasks.

Specially designed flat chassis layout brings a minimum ground clearance of 560mm. Approaching and departing angles greater than 28 degrees makes it easier trafficability.



HIGH QUALITY HIGH RELIABILITY

Reliability has Become a Habit.

A 10-bar super large double circuit braking system produces greater brake torque for better braking performance and safer braking.

The chassis wiring harness is IP67 rated, with high quality connectors and harness accessories that increase the reliability of the entire wiring harness by 50%.





CAB EXTERIORS

The Amalgamation of Aesthetics and Functionality.

The paint coating of the entire vehicle, including the cab, frame and chassis, has been upgraded, and the gloss level has been improved while the weather resistance has increased significantly.

The integrated stamping and forming of the cab frame combined with robot automatic welding technology enhances the load-bearing capacity, stability, and other aspects.

Thanks to the V-shaped grille design at the front, the CFD flow field of the vehicle has been optimized, resulting in a significant reduction in wind resistance.



H3000 platform interior uses pure natural negative ion fiber fabric to create a comfortable atmosphere. Equipped with an 840mm wide warm-colored lining, the sleeper provides a good human-machine comfortable experience.

Optional hydraulic or air seats, combined with the four-point air suspension shock absorber for the cab, greatly improve driving smoothness and riding comfort.

The cabin is equipped with polyester sound insulation materials and a 30mm integrated foam floor mat, which brings excellent NVH performance and allows for better focus while driving.



COMFORT INTERIOR

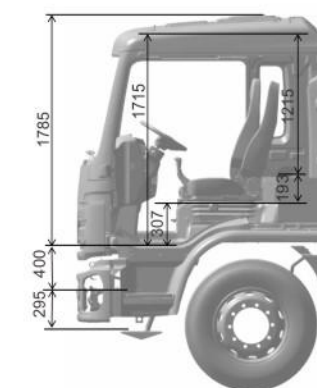
Immersive Steering



PLATFORM
L3000



Cab



- Medium-length flat-roof narrow-body cab

Left-hand drive or right-hand drive options available.
Compatible with non-metallic bumpers.

INTER-CITY TRANSPORT ALL-ROUNDER



FLEXIBLE DRIVING EXTREME CONTROL

The 100mm large bore steering gear achieves a maximum turning angle of 46 degrees plus a minimum turning radius of 8.4 meters, bringing better maneuverability and handling to the L3000.

The ergonomic console is designed to improve driver concentration. A wide-view windshield and easy-to-operate keyboard layout ensure the ultimate driving experience.

The electronic gas pedal is optimized with ergonomic force feedback for an excellent driving experience.



SYSTEM-LEVEL SECURITY DRIVING WITH PEACE OF MIND

RELIABLE COMPONENT

The robot-welded cab frame structure has been subjected to a series of severe tests such as front pendulum collision, A-pillar strike, and top crushing to meet the requirements of ECE R29 crash regulations.

Lightweight frame structure made of high-strength steel, combined with a multi-beam design, gives it strong bending and torsional resistance.

BRAKING SAFEKIT

Adopting a more reliable disc brake brings a super large braking torque of 36000N·m, increasing by more than 50% compared to mainstream competitors.

Lengthen brake line design ensures brake fluid flowability and significantly improves brake response time.



COMPACT CAB MAXIMUM COMFORT

The cab is equipped with front and rear hydraulic suspension, of which the rear suspension increases two lateral shock absorbers to effectively alleviate the jolting feeling caused by lateral force.

Driver seats are equipped with hydraulic shock absorbers for dynamic adaptation to complex road conditions. At the same time, a third seat can be installed to accommodate more people in the front row.

L3000 seats not only have a wider leg space, but also the 645mm sleeper is at the leading level among similar models.

The six-layer composite sound insulation material and low vibration and low noise engine make L3000's cab always keep quiet environment, bringing a more comfortable driving experience.





MULTIFUNCTION EASY TO MODIFY



High-compatibility chassis design makes it easy to meet the needs of various modifications, such as water spraying trucks, oil tankers and truck-mounted cranes.

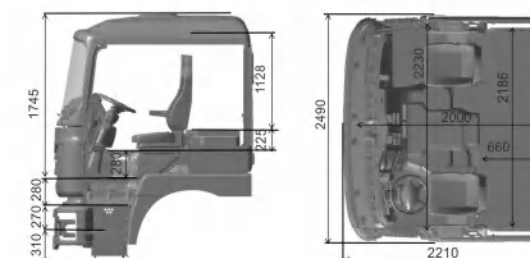
The frame adopts the standard hole design to realize the standardization of chassis and top-loading connection, which brings excellent modification adaptability and effectively reduces the modification cost.

F3000 PLATFORM

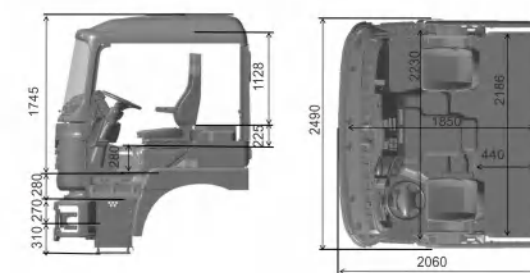


HEAVY-DUTY ENGINEER

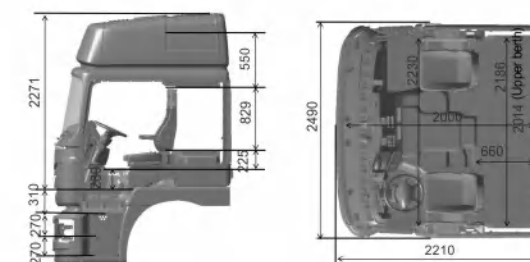
Cab



- Extended flat-roof wide-body cab



- Medium-length flat-roof wide-body cab



- Extended high-roof wide-body cab

Left-hand drive or right-hand drive options available.
Compatible with both fiberglass and metal bumpers.

HIGH ADAPTABILITY

The low-speed, high-torque engine delivers quick start and excellent climbing ability to adapt to all kinds of harsh engineering road conditions.

By optimizing the design of the cooling and exhaust system, ground clearance of F3000 is increased, making it better suited to special road conditions.



HIGH CAPACITY

The advanced axle adopts the double-stage speed reduction axle technology and heavy-duty off-road vehicle axle technology, and has undergone more than 1.3 million times of strong load capacity test without failure.

Steel plate spring suspension with a new type of balanced suspension bring better load capacity and durability.



SUPER RELIABILITY

SUPER PROTECTION

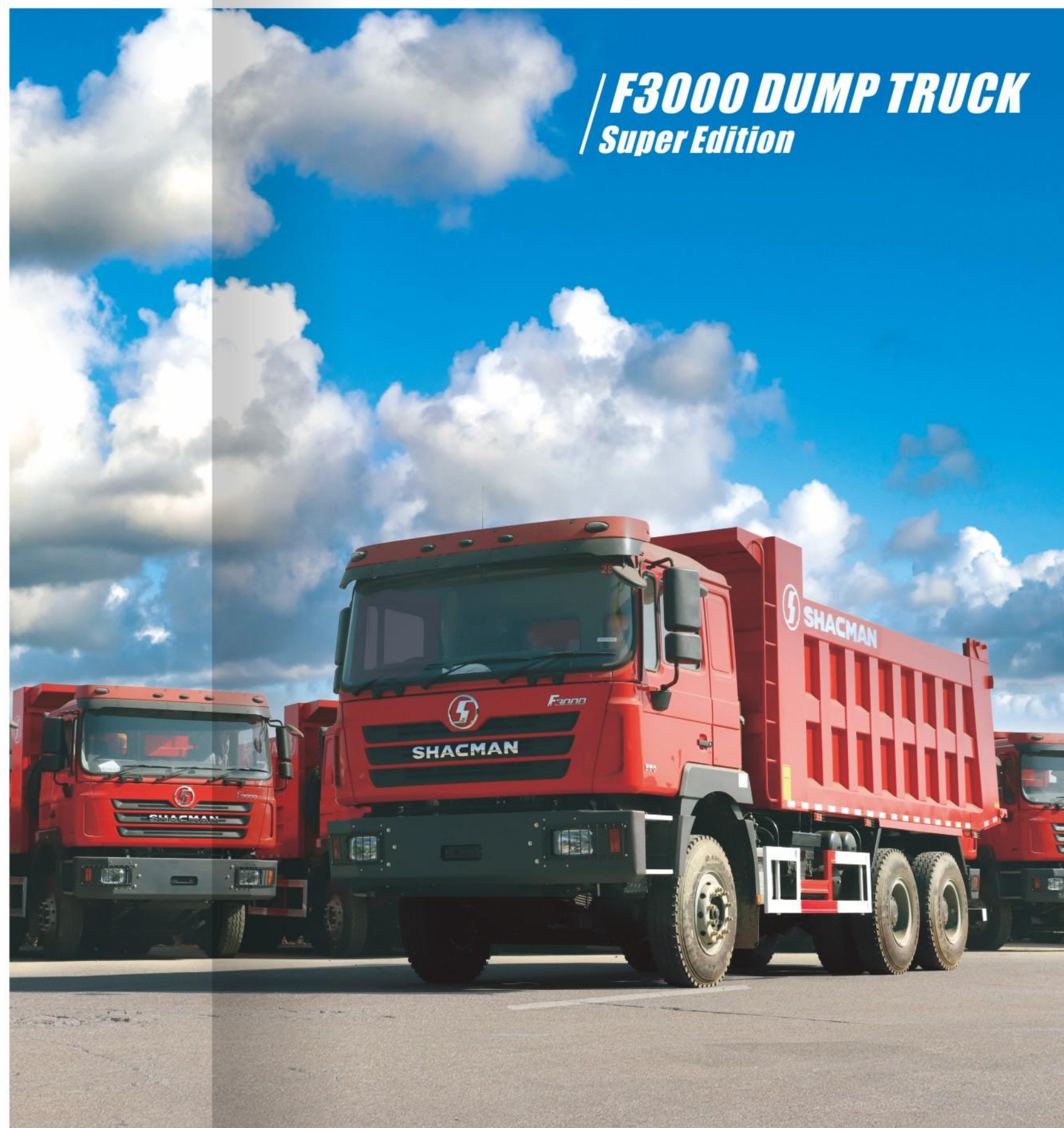
- 5mm steel front bumper
- Independent headlight and taillight grille
- 6mm reinforced oil pan protection grid
- Fuel tank protection: corrosion-resistant stainless steel fuel tank + wide three pull belt fixed + 3mm steel bottom plate
- Anti-theft device: fuel tank system level anti-theft + battery box anti-theft

SUPER SEALING

- Optimizing the cross-sectional structure of sealing strip makes it possible to improve door sealing while reducing closing force by more than 20%.
- The closed generator effectively blocks debris in the mine.
- The lateral exhaust effectively prevents dust from flying.
- Dustproof nuts reduce the risk of nut corrosion.
- Improved sealing of the front axle bearing prevents debris from entering.

SUPER PARTS

- Ultra-reliable casting brackets: air filter bracket, muffler bracket, fender brackets.
- Brake drums made of reinforced gray iron have significantly increased strength and reduced the risk of cracking.
- The long-lasting filter has a fuel impurity filtration efficiency of up to 99.82% with a service life of up to 120,000 kilometers.



SUPER TRAFFICABILITY

- Ground clearances of all kinds of equipment adopted on F3000 Super Edition have been all raised for higher trafficability, including radiator, accumulator box, muffler, air reservoir, fuel tank.

SUPER CAPACITY

- The total thickness of the rear suspension leaf spring is as high as 319.5mm to adapt to the mining area transportation scene.
- The 18mm thick rim allows the single wheel load capacity to increase by 200kg.

Scene customization tire patterns allow the F3000 Super Edition to adapt to a variety of harsh road conditions.

SUPER APPEARANCE

- The full-coverage integrated matte front bumper takes into account both aesthetics and practicality.



A red Shacman X3000 truck is shown from a front-three-quarter view, driving on a paved road. The truck features a prominent orange grille with the Shacman logo and 'X3000' branding. The background consists of steep, rocky mountains with patches of snow under a clear blue sky.

Drive			4×2		6×4		
GCW (t)			40	50	55	90	120
Main configuration	Cab	Type	Extended flat roof				
		Suspension	Four-point air suspension				
		Seat	Air main seat				
		Air conditioner	Electric automatic constant temperature AC				
	Engine	Model	WP8/WP10H/WP12/WP13/WP13NG/M10/M13				
		Emmission standard	EURO II-EURO V				
		Rated power (hp)	340-480	400-480	340-480	400-560	
	Transmission	Model	MT(12/16)/AMT(16)				
		Front axle	7.5t			9.5t	
	Axle	Rear axle	13t	11.5t/13t	13t	16t	16t
		Ratio	3.364	3.7/4.111	4.111	4.266/4.769	5.262/5.92
	Chassis	Dimension (mm)	(940-850)×300(single-layer 8)	850×270(single-layer 8)	850×300(single-layer 8)	850×300(8+5)	850×300(8+7)
		Wheel base (mm)	3600/3800 3175+1400				
		Fuel tank	600L aluminum alloy 700L aluminum alloy				
Tire		295/80R22.5/315/80R22.5/11R22.5/12R22.5			12R22.5/12.00R20	12.00R20/12.00R24	
Suspension		Leaf spring suspension/ air suspension	Leaf spring suspension	Leaf spring suspension/ air suspension	Leaf spring suspension		
Applicable condition	Applicable road condition	High-speed, high-grade highways			Paved road		
Basic equipment		Electric window lifter, electric heating mirror, electric flip, central lock (dual remote control), multi-function steering wheel, aluminum alloy gas receiver, fiberglass bumper, daytime running lights, fixed boarding pedal	Electric window lifter, electric heating mirror, electric flip, central lock (dual remote control), multi-function steering wheel, aluminum alloy gas receiver, lightweight 90 saddle, fiberglass bumper, daytime running lights, fixed boarding pedal		Electric window lifter, electric heating mirror, electric flip, central lock (dual remote control), multi-function steering wheel, ordinary 90 saddle, flat mounting plate, metal bumper, hinged boarding pedal, daytime running lights, water tank protective grille		
Options		Single-cooled air conditioners, side guardrails, water tank protective grille, deflector	Single-cooled air conditioners, side guardrails, water tank protective grille, taillight protective grille, 12.00R20, deflector, 600LAluminum alloy fuel tank, lightweight three-stage integral fenders, SHACMAN Telematics		Single-cooled air conditioners, side guardrails, headlamp protective grille, taillight protective grille, 315/80R22.5, upper exhaust SHACMAN Telematics, water tank protective grille, fuel theft prevention, oil bath type air filter, three-stage primary fuel filtration, deflectors, 600L aluminum alloy fuel tank, three-stage integral fenders		

Drive			6x4	8x4	
GVW (T)			50	70	90
Main configuration	Cab	Type	Medium-length flat roof		
		Suspension	Four-point hydraulic suspension		
		Seat	Hydraulic main seat		
		Air conditioner	Electric automatic constant temperature AC		
	Engine	Model	WP10H/WP12/WP13/M10/M13		
		Emmission standard	EURO II-EURO V		
		Rated power (hp)	360-430	400-480	
	Transmission	Model	MT(10/12/13)		
	Axle	Front axle	9.5t		
		Rear axle	16t		
		Ratio	5.92	5.262	5.26215.92
	Chassis	Dimension (mm)	850×300(8+7)	850×320(8+7+8)	
		Wheel base (mm)	3775+1400	1800+3575+1400	1800+4975+1400
		Wheel overhang (mm)	850	1000	
		Fuel tank	300L aluminum alloy	400L aluminum alloy	300L aluminum alloy
		Tire	12.00R20/12.00R24		
		Suspension	Leaf spring suspension		
	Tipper container		5600×2300×1500	7400×2300×1500	7400×2300×1200
Applicable condition	Applicable road condition	Muddy and potholed roads with steep grades		Mostly paved pavement, a small amount of unpaved pavement	
Basic equipment		Electric window lifter, metal bumper, daytime running lights,hinged boarding pedal, radiator grille	Electric window lifter, daytime running lights, metal bumper, hinged boarding pedal, water tank protection grille		

H3000 TRACTOR



Drive			4x2		6x4			
GCW(t)			40-50		55		90	
Main configuration	Cab	Type	Extended flat roof					
		Suspension	Four-point air suspension					
		Seat	Air main seat					
		Air conditioner	Electric air conditioning					
	Engine	Model	WP10/WP12/M10					
		Emmission standard	EURO II-EURO V					
		Rated power(hp)	340-430		380-460			
	Transmission	Model	MT(10/12)AMT(12)					
	Axle	Front axle	7.5t					
		Rear axle	13t/16t		13t		13t	
		Ratio	3.083-5.262					
	Chassis	Dimension (mm)	850×270(8+5)		850×270(8+4)		850×300(8+5)	
		Wheel base (mm)	3600		3175+1350		3175+1400	
Fuel tank		400L/600L aluminum alloy						
Tire		12R22.5				12.00R20/315/80R22.5		
Suspension		Leaf spring suspension						
Applicable condition	Applicable road condition		High-speed, high-grade highways				Paved road	
Basic equipment			Electric window lifter, highway bumper, fixed boarding pedal		Electric window lifter, aluminum alloy gas receiver, lightweight 90 saddle, road bumper, fixed boarding pedal		Electric window lifter, metal bumper, hinged boarding pedal, split fenders	
Options			Single-cooled air conditioners, electric flip, central locking (with remote control), deflectors, side guardrails, water tank protective grille, SHACMAN Telematics		Single-cooled air conditioners, side guardrails, water tank protective grille, taillight protective grille, 12.00R20, deflectors, electric flip, 600L aluminum alloy fuel tank, SHACMAN Telematics		Single-cooled air conditioners, side guardrails, water tank protective grille, headlamp protective grille, taillight protective grille, oil bath type air filter, SHACMAN Telematics, three-stage primary fuel filtration	

Drive			4×2	6×4	8×4
GVW (t)			25	50	70
Main configuration	Cab	Type	Standard	Medium-length flat roof	Standard
		Suspension	Four-point hydraulic suspension		
		Seat	Hydraulic main seat		
		Air conditioner	Electric air conditioning		
	Engine	Model	WP6/ISD/WP7/WP7H	WP10/WP12/M10	
		Emmission standard	EURO II/III/V		
		Rated power (hp)	240-300	340-430	
	Transmission	Model	MT(8/10)	MT(10/12)	
	Axle	Front axle	7.5t	9.5t	
		Rear axle	16t		
		Ratio	5.262/5.92		
	Chassis	Dimension (mm)	850×300 (8+7)		
		Wheel base (mm)	3975	3775+1400	1800+3575+1400
		Wheel overhang (mm)	1200	850	1000
		Fuel tank	300L/400L aluminum alloy		
		Tire	12.00R20/315/80R22.5		
		Suspension	Leaf spring suspension		
	Tipper container (mm)		4200×2300×1300	5600×2300×1500	7400×2300×1200
Applicable condition	Applicable road condition		Construction sites, urban construction		
Basic equipment			Electric window lifter, metal bumper, two-stage pedal, water tank protection grille		

H3000 DUMP TRUCK



L3000 CARGO TRUCK



Drive		4×2	6×4
GVW (t)		12-18	25
Main configuration	Cab	Type	Standard
		Suspension	Front fixed rear hydraulic suspension
		Air conditioner	Electric air conditioning
	Engine	Model	WP6/WP7/ISD/WP7H
		Rated power (hp)	210-300
	Transmission	Model	MT(8/9)/AMT(8)
	Axle	Front axle	4.8t
		Rear axle	10t
		Ratio	4.11/4.625/5.286
	Chassis	Dimension (mm)	870×250(7+4)
		Wheelbase (mm)	4000/4500/5000/5700
		Wheel overhang (mm)	2300
		Fuel tank	200L/300L/400L
		Tire	10.00R20/11R22.5
		Suspension	Leaf spring suspension
	Container		(5000-7750)×(2300-2450)×(600-800)
Applicable condition	Applicable road condition		Urban roads
Basic equipment		Electric window lifter, central locking (dual remote control), fixed pedals, spare tire frame, aluminum alloy gas cylinder	
Options		Deflectors, air main seat, electric flip, third seat	

Drive		4×2
GVW (t)		12-18
Main configuration	Cab	Type
		Standard
		Front fixed rear hydraulic suspension
	Engine	Electric air conditioning
		Model
	Transmission	WP6/WP7/ISD
		Rated power (hp)
	Axle	MT(8/9)
		Front axle
		4.8t
	Chassis	Rear axle
		10t single-stage
		Ratio
		4.625
		Dimension (mm)
		870×250(7+4)
		Wheel base (mm)
		3600/3800/4000/4500
		Wheel overhang (mm)
		2300
		Fuel tank
		200L
		Tire
		10.00R20
		Suspension
		Leaf spring suspension
	Oil Tanker (m³)/Garbage Container(m³)	
	10-12	
Applicable condition	Applicable road condition	
Urban roads		
Basic equipment		Electric window lifter,central locking (dual remote control), fixed pedals, spare tire frame, aluminum alloy gas cylinder
Options		Deflectors, air main seat, electric flip, with third seat

L3000 SPECIALIZED TRUCK



F3000 TRACTOR



Drive			4*2	6*4	
GCW (t)			50	90	90-120
Main configuration	Cab	Type	Extend flat roof		
		Suspension	Hydraulic suspension		
		Seat	Hydraulic main seat		
		Air conditioner	Electric automatic constant temperature AC		
	Engine	Model	WP10/WP12/M10	WP10/WP12/WP13/M10	
		Emmission standard	EURO II-EURO V		
		Rated power (hp)	300-430	340-430	380-550
	Transmission	Model	MT(10/12)		
	Axle	Front axle	9.5t		
		Rear axle	13t double-stage		16t double-stage
		Ratio	3.866	4.266/4.769	
	Chassis	Dimension (mm)	(940-850)×300(single-layer 8)	850×300(8+5)	850×300(8+7)
		Wheel base (mm)	3600	3175+1400	
Fuel tank		400L aluminum alloy			
Tire		12R22.5	12.00R20		
	Suspension	Leaf spring suspension			
Applicable condition	Applicable road condition		High-speed, high-grade highways	Paved road	
Basic equipment			Electric window lifter, metal bumper, hinged boarding pedal, saddle 50	Electric window lifter, metal bumper, hinged boarding pedal, saddle 90	
Options			Single-cooled air conditioners, side guardrails, water tank protection grille, electric flipping, deflector	Single-cooled air conditioners, side guardrails, water tank protection grille, electric flipping, deflector, headlight grille, 600L aluminum alloy fuel tank	Single-cooled air conditioners, side guardrails, water tank protection grille, electric flipping, deflector, headlight grille, 600L aluminum alloy fuel tank, 12R22.5

Drive		6x4	8x4	8x4	
GVW(t)		50	70	90	
Main configuration	Cab	Type	Medium-length flat roof		Standard
		Suspension	Hydraulic suspension		
		Seat	Hydraulic main seat		
		Air conditioner	Electric automatic constant temperature AC		
	Engine	Model	WP10/WP12/M10/ISM11		
		Emmission standard	EURO II-EURO V		
		Rated power (hp)	336/340/375/380/385/400/420/430		380/385/400/420/430/460
	Transmission	Model	MT(10/12)		
	Axle	Front axle	9.5t		
		Rear axle	16t double-stage		
		Ratio	5.262/5.92	4.769/5.262	5.262/4.769
	Chassis	Dimension (mm)	850×300(8+7)		850×320(8+7+8)
		Wheel base (mm)	3775+1400	1800+3575+1400/1800+3775+1400/1800+4975+1400	
		Wheel overhang (mm)	850	1000	
		Fuel tank	400L aluminum alloy/380L Iron		
		Tire	12.00R20/12.00R24		
Suspension		Front and rear multi-leaf springs			
Tipper container		5600×2300×1500	7400×2300×1500/7600×2300×1500/8800×2300×2000		
Applicable condition	Applicable road condition		Muddy and potholed roads with steep grades		
Basic equipment		Electric window lifter, metal bumper, two-stage pedal, water tank protection grille			

F3000 DUMP TRUCK



SHACMAN

