

COMPANY PROFILE

BEIBEN TRUCKS GROUP CO.,LTD



BEIBEN TRUCKS GROUP CO.,LTD with the general assets of 13.6 billion yuan, the general area of 2.32 million square meter, is a large scale high-end supportive manufacturing enterprise of commercial vehicles directly subordinated to China North Industries Group Corporation, and the head office is set up in Baotou City, which is reputed as “Deer City”. Since the whole set of manufacturing technology and technique equipment of heavy truck is introduced from Mercedes-Benz AG in 1988 and the corporation was founded and passed the acceptance inspection by the state in 1995, Beiben Trucks Group Co., Ltd quickly became a leading

enterprise in modernized commercial vehicles integrated with research development, production, sale and service of vehicle and parts of heavy truck, passenger vehicle, refitted vehicle, natural gas vehicle, the vehicle body, axle, transmission, chassis of passenger vehicle, etc., crossing 3 cities of Baotou, Chongqing and Beijing, the annual vehicle production capacity is around 100,000.

In recent years, according to the changing of the market requirement, Beiben Group has been increasing the technology contribution and continually producing new technology and products. In 2010, with individual intellectual property and representing the upgrading and updating of the products, “V3” series vehicles were released in Beijing; in 2013, taking the 15th Shanghai Vehicle Industry exhibition as opportunity, “V3HT”, “V3M” series vehicles were release series vehicles were released in Shanghai, in which “V3HT” light vehicles win the award of annual domestic tractor in the releasing year. At present, Beiben brand covers the series of “NG80”, “V3”, “V3HT”, “V3M” “Beichi” and extensively applies in several arm of service, such as ground force, air force, second artillery corps, naval air force, engineer corps, China PKF, etc. and civil areas of postal service, petroleum, chemical industry, etc. at the same time, covering above 80% of domestic heavy truck market of medium and small enterprises and private transportation. In addition, Beiben trucks are sold to more than a hundred countries and areas in Asia, Middle East, Africa, and South America.



OVERSEAS MARKETING NETWORK

□ BEIBEN TRUCKS GROUP CO.,LTD

-  International Office of China North Industries Corporation
-  Beiben Trucks International Agent
-  The Built Or Under Construction KD Project
-  Planned Construction KD Project





BEIBEN TRUCK PRODUCTION LINE



AXLE PRODUCTION LINE OF BEIBEN TRUCK

Brought in full set of world-class technology of German's Daimler – Beichi axle, professionally produce heavy truck axle, equalizing suspension system and assembly components of chassis.

The axle production lines possesses the advanced machining equipments, assembly equipments, detection and dressing equipments, more than 70% of machine are imported equipments, which mainly are: axle and parts assembly line and painting line and core parts production line of axle housing, housing of final drive, differential housing and etc.

There are 6 platforms and more than 120 kinds of products. Truck axle series of products are: 6.5t steering front axle, 7.5t steering front axle, 7t driving steering front axle, 16t double reduction rear axle, 16t assembly suspension, VG-1400 transfer case and etc; axle products of special vehicle are: 13t front axle, 25t double reduction driving rear axle, 35t double reduction driving rear axle. Axle products of bus are: 4.5t front axle, 6.5t front axle, 10t rear axle, 13t rear axle and etc.

For several years, the production process of Beiben truck axle has strictly implemented the high starting point and high standard technical standard and manufacturing of Germany BEICHI, and the industry personalized advantages possessed by Beiben axle have been extensively acknowledged by the whole industry, the axle quality and manufacturing technologies maintain the leading position in line.



CAB PRODUCTION LINE OF BEIBEN TRUCK



Beiben Truck Cab Company with annual capacity of 60000 units is specialized in production of NG80 and V3 series of Beiben truck, including four process production workshops , which are stamping, welding, coating and assembling. It is a U-shaped layout, and each production workshop connected by vestibule, realizing enclosed production from stamping parts to assembly.

Stamping workshop is specialized in production of large and medium-sized stamping parts of cab. Stamping tools are designed and produced by German and domestic well-known enterprises, which adopts domestic advanced multi-connecting rods press machines, and has large-scale stamping equipments of 630t, 800t, 1200t and 2000t.

Welding workshop is specialized in production of NG80 and V3 series. The automation degree is on the advanced level of domestic truck industry.

Coating workshop is specialized in coating of cabs. It adopts the spray system of heavy truck cab, which mainly with three-coating and three-drying system.

Inner decoration workshop is specialized in assembling and production for inside and outside decoration of driving cabs. The production line adopts U-shaped design and the overall workshop production has realized mechanization and automation, forming an integrated and advanced assembling workshop of inside and outside decoration.



ASSEMBLY PRODUCTION LINE OF BEIBEN TRUCK

Assembly Production Line of Beiben Truck adopts abundant advanced technology equipments, which improve manufacturing level effectively, guarantee the quality of products and realize long-term development target of the company. The production TAKT is 4.1 minutes, and it has capacity of 50000 units for each year. The production line is a U-shaped general assembly line with the length of 760m, which is the longest single assembly line with capacity of 50000 sets in China. As the first production line which adopting unit assembly turnover mechanism in China, its advantage is that the frame can be directly overturned during the operation, which saves the production time and promotes assembling efficiency.

According to its composition, the factory is divided into four functional areas: production area—composed of assembly chassis workshop, line warehouse area and centralized oil supply station. The main line sets 49 assembly work sits, the parts preassembling sets 6 sub-assembly lines. Detection area—it's composed of technology parking lots. Detection and debugging workshop include two lines of 3C detection and 1 comprehensive detection line. Trial run area—arrange special road surface like acceleration, braking section and washboard, potholes road, twisted, stone and cobbled road. Finished product area—which composed of parking area of finished product and truck delivery center. The parking area is 13000 m².



Head factory



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BEIBEN
PRODUCT MANUAL



Beiben Truck special for peacekeeping force

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BEIBEN TRUCK

UNIQUE SELLING POINTS



■ HIGH MANEUVERABILITY, STRONG CROSS-COUNTRY POWER

- ※ Apply to drive on the complex road, such as oil field, mine and etc. and satisfy the application requirement of various complex cross-country situations, such as plateau, hills, mountainous area and etc.
- ※ With sufficient standby power and excellent adaptive capacity for sudden loading, Beiben Truck are still reliable with high efficient under the extreme conditions, such as highland, frigid cold and etc.



■ SAFETY

- ※ The braking system matched with ABS+ASR, VOSS structure braking pipeline system of WABCO, equipped with EBS, exhaust brake (WEVB), hydraulic retarder, and etc., which can meet the requirement of laws and regulations on brake of developed countries, such as Western Europe, Japan, South Korea, Australia, etc.
- ※ Front and bottom protection devices are added to meet the requirement of ECE R93.
- ※ The driver's cab meets the requirement of the most strict frontal impact regulation of EU's ECE R29 regulation, A pillar collision regulation of Sweden., ECE's 10t top press regulation, and ECE back impact regulation.



■ HIGH EFFICIENCY

- ※ Based on the Benz's integral modular design technogoly and reasonable matching of powertrain system, Beiben Truck has high transmission efficiency.
- ※ Beiben Truck can operate effectively with strong powertrain system, good cooling efficiency of cooling system, good performance of braking system.

■ RELIABILITY

Frame is side-beam compound type with unequal width, variable cross-sections , fish belly and equal rigidity ,the structure of frame is unique one from Mercedes Benz. In which, Finite element analysis is applied, process of stamping in one time, local stress concentration is comprehensively removed.



The world's top-level manufacturing equipments are brought in, keeping pace with the world's leading technologies, possessing top-class assembling and manufacturing process. additionally Beiben Truck strictly implements DBL standard of Mercedes Benz, so as to guarantee the superior quality of off-line products.

Beiben Truck chooses components provided by well-known supplier, so as to guarantee that every component can meet the design requirement. Inheriting the systematic idea of design from Benz, and making the entire function of vehicle exceeds the sum of all parts.

Beiben Truck are equipped with the unique axle produced according to the full set of Benz 's drawings and technologies. The driving axle is double reduction and integral non-breaking type which with hub reduction gear . The max. reduction of first grade and wheel driving torque are realized through reducer of wheel planetary gears, which can greatly reduce the impact degree of alternating loading to driving system component, extends the service life, and reduce the shell dimension of final drive; the ground clearance (min. ground clearance is 335mm) is also increased ,so as to improve passing ability of vehicle.

The housing material of driving axle adopts GGG60 nodular cast iron; the driving axle housing is casted integrally through resin automation modelling. The thickness of the axle housing is 20mm, the total length is 2121mm. Under the condion of 2.5 times loading, the axle housing can bear continuously 1.17 million times fatigue life test without breaking.



The gears of main reducer and wheel reducer are machined by numerical control machine tool with gear grinding process, the accuracy reaches 7 level of National Standard (DIN3962, 7 level), the gear hobbing and picking technology are usually adopted in domestic with the accuracy of Grade 8 of National Standard.



Half shaft adopts spline of Beiben unique technology of cold striking process and is integral forged with the material of 42CrMo4V, which not only guarantees the fiber direction of metal material, but also improves the spline's strength. The accuracy reaches Grade 4-5 of National Standard (DIN5480, Grade 8-9), which far exceeds domestic common accuracy (National Standard 7 Level) .



The gear material adopts 25MoCr4E alloy with good hardenability, small heat treatment distortion, high strength, and good anti-fatigue performance. The material commonly applied in domestic is 20CrMnTi with formation of titanium nitride slag inclusion and worse anti-fatigue performance.

The connection between gear box and driving shaft, driving shaft and rear axle of drivetrain system adopt transverse structure, which improves reliability. The decreasing of connecting bolt quantity improve the maintainability performance.



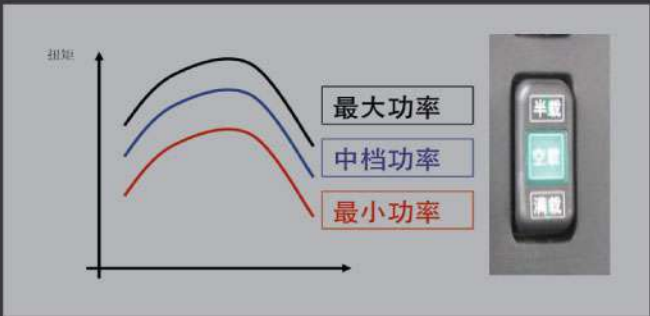
The reliability test of exceeding 18 thousand kilometers has been carried out under rigorous conditions, such as various road conditions, ambient humidity, environment temperature (-30 °C~60°C), altitude and etc., that can guarantee MTBF to exceed 3000Km and MTTFF≥10000 Km.

Approved comprehensively by complicated tests (noise test, proving ground's complex road condition test, test of enforced bad road condition for 8000Km, startup test in low temperature, fatigued vibration test of 1 million times, and sealing of rain-proof test to vehicle body) .

FUEL EFFICIENCY

※ The vehicle is streamline design, and the vehicle body is passed through the tests of CFD flow field analysis and optimize and wind tunnel test. Optimization design to the driver's cab and the adjustable air deflector substantially decreases the wind resistance, and the wind resistance coefficient is 0.569 (commonly around 0.8 in domestic).

※ Weichai's multifunctional fuel saving switch is equipped, the optimization design is carried out through AVL cruise which can meet the power requirement of non-loading, medium loading, heavy loading or different road conditions. Whenever turn on the switch, the generator power can be selected to decrease additional power consumption. The fuel consumption of vehicle can be averagely saved 2.6L per hundred kilometers.



COMFORTABILITY

※ With attractive appearance, four-points air suspension,aero seat, hydraulic power steering, which improve driving comfort; the sealing of driver's cab is great with low noise of 68dB (commonly above 75dB in domestic trucks) and good dustproof effect; air conditioner is available with excellent warming and cooling speed and ergonomic configurations equipped.

※ Multifunctional steering wheel: electronic control adjustment, Bluetooth communication, address book inquiry, 220V power supply: convenient and fast battery charging function.

※ Extra-wide sleeper, sufficient storage space.

※ Electronic control doors and windows: sedan's design.

※ Equipped with fuel heater: stop cold and enjoy comfortable of safty and warmth.



INTELLIGENT

※ Intelligent electric configuration: electronic control doors and windows, center control door lock, electronic control sunroof, adjustable height of headlight, multifunctional steering wheel, Bluetooth system, LCD, automatic cruise, DVD intelligent navigation, spotlight inside storage tank, vehicle power supply, automatic lock while driving, more electronic intelligent control, and more humanization selection.

※ Intelligent electronic control: integrated recreation equipment, theft-proof, positioning system, etc. improve the convenience of the system; managing main dynamic and power system and guarantee the performance of the whole vehicle; taking advantage of CAN cable system to realize dynamic system intelligent control, optimize dynamic performance, and effectively decrease fuel consumption and discharging.

※ Intelligent fault diagnosis: carrying out full time and comprehensive supervision and diagnosis on engine, light system, ABS, door control system and send alarm to user .



BEIBEN PRODUCTS -CAB SERIES RANGE

		width	short	Medium	long	Long and High roof	engine
HEAVY-DUTY TRUCK	Wide body	 2480					WP10(270~375) WP12(375~480) WP10NG(240~340) WP12NG(340~380) WP13(480~550)
	Narrow body	 2260					WP10(270~375) WP12(375~480) WP10NG(240~340) WP12NG(340~380)
MEDIUM-HEAVY TRUCK	Narrow body	 2260					WP7(240~300) WP10(240~380) WP12(340~380)



**ROAD
TRANSPORT
VEHICLE**



V3ET

6x4 TRACTOR

V3ET 6×4S SPECIFICATIONS

Sales Model	2543S	2550S
Driving Type	6×4	6×4
Cab	V3 long cabin, high roof with double sleepers	
Wheel Base(mm)	3300+1350	3300+1350
Engine Model	ISGe5-430	WP13.500E501
Gearbox Type	16JZSD200(AMT Model)	12JSD200T(Aluminium alloy) with retarder
Steering System	ZF8198, recirculating ball steering gear, hydraulic booster	
Clutch	φ430, Single dry frictional disc, hydraulic booster	
Front Axle	Non-driving steering axle with disc brake, 6.5T	Non-driving steering axle with drum brake, 6.5T
Rear Axle	440 Single reduction driving axle with disc brake, speed ratio is 3.083, 13T	440 Single reduction driving axle with drum brake, speed ratio is 2.846, 13T
Sections Of Frame(mm)	284×80×8	
Tyre	12R22.5 tubeless tire	
Fuel Tank Capacity (L)	700L Aluminium tank	



V3
4X2 TRACTOR

⚠ SPECIFICATIONS 4×2S ⚠

Sales Model	1938S	1943S
Driving Type	4×2	4×2
Cab	V3 long cabin, flat roof with single sleeper	
Wheel Base(mm)	3800	3800
Engine Model	WP10.380E32	WP12.430E40
Gearbox Type	12JS200T	ZF16S2231TO
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster	
Clutch	∅ 430, Single dry frictional disc, hydraulic booster	
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T	Double-shoe pneumatic brake, non-driving steering axle ,6.5T
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 4.2,13T
Sections Of Frame(mm)	317×70×8.5+7	
Tyre	12.00R20	315/80R22.5
Fuel Tank Capacity (L)	400L Aluminium tank	600L Aluminium tank

⚠ SPECIFICATIONS 4×2S(RHD) ⚠

Sales Model	2043S	2043S
Driving Type	4×2	4×2
Cab	V3 long cabin, flat roof with single sleeper	
Wheel Base(mm)	3500	3500
Engine Model	WP12.430E50	WP12.430E50
Gearbox Type	16JS200T	16JZSD200 AMT
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster	
Clutch	∅ 430, Single dry frictional disc, hydraulic booster	
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T	
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T	
Sections Of Frame(mm)	317×70×8.5+7	
Tyre	315/80R22.5	
Fuel Tank Capacity (L)	300L Aluminium tank	



V3

6X4 TRACTOR

⚠ SPECIFICATIONS 6×4SZ ⚠

Sales Model	2538SZ	2542SZ
Driving Type	6×4	6×4
Cab	V3 long cabin, flat roof with single sleeper	
Wheel Base(mm)	3450+1450	3450+1450
Engine Model	WP10.380E32	WP10.420E32
Gearbox Type	9T1680OD	12JSD200T
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster	
Clutch	∮ 430, Single dry frictional disc, hydraulic booster	
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T	
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T	
Sections Of Frame(mm)	317×70×8.5+7+12	
Tyre	12.00R20	
Fuel Tank Capacity (L)	400L Iron tank	

⚠ SPECIFICATIONS 6×4SZ (RHD) ⚠

Sales Model	2546SZ	3343SZ
Driving Type	6×4	6×4
Cab	V3 long cabin, high roof with double sleepers	
Wheel Base(mm)	3450+1450	3450+1450
Engine Model	WP12.460N	WP12.430E50
Gearbox Type	ZF16S2230	16JS200T
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster	
Clutch	∮ 430, Single dry frictional disc, hydraulic booster	
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T	
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T	
Sections Of Frame(mm)	317×70×8.5+7+12	
Tyre	315/80R22.5	
Fuel Tank Capacity (L)	400L Aluminium tank	



NG80B

4x2 TRACTOR

⚙️ SPECIFICATIONS 4×2S ⚙️

Sales Model	1934S	1938S	1942S
Driving Type	4×2	4×2	4×2
Cab	NG80B long cabin, flat roof with single sleeper		
Wheel Base(mm)	3800	3800	3800
Engine Model	WP10.340E32	WP10.380E32	WP12.420E32
Gearbox Type	9JS150A	9T1680	12JSD200T
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster		
Clutch	φ 430, Single dry frictional disc, hydraulic booster		
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T		
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T		
Sections Of Frame(mm)	317×70×8.5 +7		
Tyre	12.00R20		
Fuel Tank Capacity (L)	400L iron tank		





NG80B

6x4 TRACTOR

⚠ SPECIFICATIONS 6×4S ⚠

Sales Model	2638S	2642S
Driving Type	6×4	6×4
Cab	NG80B long cabin, flat roof with single sleeper	
Wheel Base(mm)	3450+1450	3450+1450
Engine Model	WP10.380E32	WP10.420E32
Gearbox Type	9T1680	12JSD200T
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster	
Clutch	∮ 430, Single dry frictional disc, hydraulic booster	
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T	
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T	
Sections Of Frame(mm)	317×70×8.5+7	
Tyre	12.00R20	
Fuel Tank Capacity (L)	400L iron tank	

⚠ SPECIFICATIONS 6×4SZ ⚠

Sales Model	2638SZ	2642SZ	2640SZ
Driving Type	6×4	6×4	6×4
Cab	NG80B long cabin, flat roof with single sleeper		
Wheel Base(mm)	3450+1450	3450+1450	3450+1450
Engine Model	WP10.380E32	WP10.420E32	WP10.400
Gearbox Type	9T1680	12JSD200T	12JSD200T
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster		
Clutch	∮ 430, Single dry frictional disc, hydraulic booster		
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T		
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T		
Sections Of Frame(mm)	317×70×8.5+7+12		
Tyre	12.00R20		
Fuel Tank Capacity (L)	400L iron tank		



V3

LNG & CNG TRACTOR

⚠ SPECIFICATIONS 6×4SY ⚠

Sales Model	2538SY(CNG)	2538SY(LNG)
Driving Type	6×4	6×4
Cab	V3 long cabin,high roof with double sleepers	
Wheel Base(mm)	3850+1350	3850+1350
Engine Model	WP12NG380E40	WP12NG380E50
Gearbox Type	12JSD200TA	12JSD200TA
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster	
Clutch	430, Single dry frictional disc, hydraulic booster	
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T	
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, single reduction driving axle; speed ratio is 4.11,13T	
Sections Of Frame(mm)	300×80×8	
Tyre	315/80R22.50	12R22.5
Fuel Tank Capacity (L)	8x145L CNG tank	500L LNG tank





ENGINEERING
VEHICLE



V3

6x4 DUMPER

⚠ SPECIFICATIONS 6×4KZ ⚠

Sales Model	2638KZ	2638KZ
Driving Type	6×4	6×4
Cab	V3 mid-long cabin	V3 long cabin flat roof with single sleeper
Wheel Base(mm)	3450+1450	4100+1450
Engine Model	WP10.375	WP10.375
Gearbox Type	12JS200T	9T1680
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster	
Clutch	f 430, Single dry frictional disc, hydraulic booster	
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T	
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T	
Sections Of Frame(mm)	317×70×8.5+7+8	300×80×8+8+6
Tyre	12.00R20	
Fuel Tank Capacity (L)	400L aluminium tank	





NG80B

6x4 DUMPER

⚠ SPECIFICATIONS 6×4K ⚠

Sales Model	2629K	2634K	2629K	2634K	2638K	2629K	2634K
Driving Type	6×4	6×4	6×4	6×4	6×4	6×4	6×4
Cab	NG80B short cab						
Wheel Base(mm)	3450+1450	3450+1450	3800+1450	3800+1450	3800+1450	3450+1450	3800+1450
Engine Model	WP10.290E32	WP10.340E32	WP10.290E32	WP10.340E32	WP10.380E32	WP10.290	WP10.336
Gearbox Type	9T1280	9T1680	9T1280	9T1680	9T1680	9T1280	9T1680
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster						
Clutch	∮ 430, Single dry frictional disc, hydraulic booster						
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T						
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T						
Sections Of Frame(mm)	317×70×8.5+7						
Tyre	12.00R20						
Fuel Tank Capacity (L)	400L iron tank						

⚠ SPECIFICATIONS 6×4K ⚠

Sales Model	2629K	2634K	2638K	2629K	2634K
Driving Type	6×4	6×4	6×4	6×4	6×4
Cab	NG80B long cabin with single sleeper				
Wheel Base(mm)	3800+1450	3800+1450	3800+1450	3800+1450	3800+1450
Engine Model	WP10.290E32	WP10.340E32	WP10.380E32	WP10.290	WP10.336
Gearbox Type	9T1280	9T1680	9T1680	9T1280	9T1680
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster				
Clutch	∮ 430, Single dry frictional disc, hydraulic booster				
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T				
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T				
Sections Of Frame(mm)	317×70×8.5+7				
Tyre	12.00R20				
Fuel Tank Capacity (L)	400L iron tank				



NG80B

6x4 DUMPER

⚠ SPECIFICATIONS 6×4KZ ⚠

Sales Model	2629KZ	2634KZ	2629KZ	2634KZ	2638KZ	2629KZ	2634KZ	2634K
Driving Type	6×4	6×4	6×4	6×4	6×4	6×4	6×4	6×4
Cab	NG80B short cab							
Wheel Base(mm)	3450+1450	3450+1450	3800+1450	3800+1450	3800+1450	3450+1450	3800+1450	3800+1450
Engine Model	WP10.290E32	WP10.340E32	WP10.290E32	WP10.340E32	WP10.380E32	WP10.290	WP10.336	WP10.336E40
Gearbox Type	9T1280	9T1680	9T1280	9T1680	9T1680	9T1280	9T1680	9JS180
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster							
Clutch	‡ 430, Single dry frictional disc, hydraulic booster							
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T							
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T							
Sections Of Frame(mm)	317×70×8.5+7+8							
Tyre	12.00R20							
Fuel Tank Capacity (L)	400L iron tank							

⚠ SPECIFICATIONS 6×4KZ ⚠

Sales Model	2629KZ	2631KZ	2634KZ	2638KZ	2629KZ	2634KZ
Driving Type	6×4	6×4	6×4	6×4	6×4	6×4
Cab	NG80B long cabin with single sleeper					
Wheel Base(mm)	3800+1450	3800+1450	3800+1450	3800+1450	3800+1450	3800+1450
Engine Model	WP10.290E32	WP10.310E32	WP10.340E32	WP10.380E32	WP10.290	WP10.336
Gearbox Type	9T1280	9JS150A	9T1680	9T1680	9T1280	9T1680
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster					
Clutch	‡ 430, Single dry frictional disc, hydraulic booster					
Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T					
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T					
Sections Of Frame(mm)	317×70×8.5+7+8					
Tyre	12.00R20					
Fuel Tank Capacity (L)	400L iron tank					



NG80B

8x4 DUMPER

⚠ SPECIFICATIONS 8×4K ⚠

Sales Model	4134K	4138K	4142K	4134K	4138K
Driving Type	8×4	8×4	8×4	8×4	8×4
Cab	NG80B short cab/ long cabin with single sleeper				
Wheel Base(mm)	1500+3550+1450	1500+3550+1450	1500+3550+1450	1500+3550+1450	1500+3550+1450
Engine Model	WP10.340E32	WP10.380E32	WP10.420E32	WP10.336	WP10.375
Gearbox Type	9T1680	9T1680	12JS200T	9T1680	9T1680
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster				
Clutch	Φ430, Single dry frictional disc, hydraulic booster				
Front Axle	Double-shoe pneumatic brake, non-driving steering axle , 7.5T				
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T				
Sections Of Frame(mm)	317×75×8.5+7				
Tyre	12.00R20				
Fuel Tank Capacity (L)	400L iron tank				

⚠ SPECIFICATIONS 8×4KZ ⚠

Sales Model	4134KZ	4138KZ	4142KZ	4134KZ	4138KZ
Driving Type	8×4	8×4	8×4	8×4	8×4
Cab	NG80B short cab/long cabin with single sleeper				
Wheel Base(mm)	1500+3550+1450	1500+3550+1450	1500+3550+1450	1500+3550+1450	1500+3550+1450
Engine Model	WP10.340E32	WP10.380E32	WP10.420E32	WP10.336	WP10.375
Gearbox Type	9T1680	9T1680	12JS200T	9T1680	9T1680
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster				
Clutch	Φ430, Single dry frictional disc, hydraulic booster				
Front Axle	Double-shoe pneumatic brake, non-driving steering axle , 7.5T				
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 5.263,13T				
Sections Of Frame(mm)	317×75×8.5+7+8				
Tyre	12.00R20				
Fuel Tank Capacity (L)	400L iron tank				



BEICHI SERIES

6x4 WIDE BODY TRUCK

⚠ SPECIFICATIONS 6×4KK ⚠

Sales Model	7038KK	7042KK	9038KK	9042KK
Driving Type	6×4	6×4	6×4	6×4
Cab	Flat, bias, hydraulic tipping. Number of seat: 1			
Wheel Base(mm)	3550+1500	3500+1600	3775+1700	3775+1700
Engine Model	WD12.375	WD12.420	WD12.375	WD12.420
Gearbox Type	9JSD180	9JSD220	9JSD220	
Steering System	Z06		ZJ130C	
Clutch	∮ 430, Single dry frictional disc, hydraulic booster			
Front Axle	Non-driving steering axle ,13T		Non-driving steering axle ,25T	
Rear Axle	Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 9.716,25T		Double-shoe pneumatic brake, ductile casting casing, double reduction driving axle; speed ratio is 11.48,40T	
Sections Of Frame(mm)	320×90×8+8		380×110×10+10	
Tyre	13.00-25	14.00-24	14.00-25	
Fuel Tank Capacity (L)	400L iron tank			
Curb Weight(Kg)	22000	22000	28500	28500
Upper body Inner dimension(mm)	5600× 2900 × 1600		5800× 3300 × 1700	





NG80B

6x6 CROSS-COUNTRY VEHICLE

⚠ SPECIFICATIONS 6×6AS ⚠

Sales Model	2638AS	2642AS
Driving Type	6×6	6×6
Cab	NG80B Long cabin, flat roof with single sleeper	
Wheel Base(mm)	3850+1450	
Engine Model	WP10.380E32	WP12.420E32
Gearbox Type	9T1680	9JS180
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster	
Clutch	⋈ 430, Single dry frictional disc, hydraulic booster	
Front Axle	Double-shoe pneumatic brake, driving steering axle ,7T	
Rear Axle	Double-shoe pneumatic brake, ductile casting casing,Double reduction driving axle; speed ratio is 5.263,13T	
Sections Of Frame(mm)	317×70×8.5+7	
Tyre	12.00R20	
Fuel Tank Capacity (L)	400L iron tank	

⚠ SPECIFICATIONS 6×6AK ⚠

Sales Model	2634AK	2638AK	2638AK	2634AK
Driving Type	6×6	6×6	6×6	6×6
Cab	NG80B short cab/long cabin, flat roof with single sleeper			
Wheel Base(mm)	3800+1450			
Engine Model	WP10.336	WP10.380E32	WP10.375	WP10.336E40
Gearbox Type	9T1680	9T1680	9T1680	9JS180
Steering System	ZF8098,recirculating ball steering gear, hydraulic booster			
Clutch	⋈ 430, Single dry frictional disc, hydraulic booster			
Front Axle	Double-shoe pneumatic brake, driving steering axle ,7T			
Rear Axle	Double-shoe pneumatic brake, ductile casting casing,Double reduction driving axle; speed ratio is 5.263,13T			
Sections Of Frame(mm)	317×70×8.5+7			
Tyre	12.00R20			
Fuel Tank Capacity (L)	400L iron tank			



LOGGING TRUCK

SPECIFICATIONS OF LOGGING TRUCK

CHASSIS	Sales Model	2638K
	Driving Type	6 × 4
	Cab	NG80B short cabin
	Wheel Base(Mm)	3800+1450
	Engine Model	WP10.380E32
	Gearbox Type	9T1680
	Steering System	ZF8098,recirculating ball steering gear, hydraulic booster
	Clutch	φ 430, Single dry frictional disc, hydraulic booster
	Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T
	Rear Axle	Double-shoe pneumatic brake, ductile casting casing,Double reduction driving axle; speed ratio is 5.263,13T
	Sections Of Frame(Mm)	317 × 70 × 8.5+7+8
	Tyre	12.00R20
SPECIFICATIONS OF LOGGING TRUCK	Fuel Tank Capacity (L)	400L iron tank
	Loading Capacity	30-60 Metric Tons
	Axle	18 Metric Ton Axle,10 Hole,2Axle
	Turntable Diameter	1,200mm
	Tyres	12.00-24,9pcs (including 1 pcs of spare tyre)
	Brake System	Air brake system,Brake chamber: T30/30
	Water Tank	Mild steel water tank,1 pcs per trailer
	Brake Cooling System	Pneumatic Water Spray Brake Cooling system





WATER TANK

⚠ SPECIFICATIONS OF WATER TANK ⚠

CHASSIS	Chassis Model	2638P
	Driving Type	6 × 4
	Cab	NG80B short cabin
	Wheel Base(mm)	5050+1450
	Engine Model	WP10.375
	Gearbox Type	9T1680
	Steering System	ZF8098, recirculating ball steering gear, hydraulic booster
	Clutch	φ 430, Single dry frictional disc, hydraulic booster
	Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T
	Rear Axle	Double-shoe pneumatic brake, ductile casting casing, Double reduction driving axle, speed ratio is 5.263, 13T
	Sections Of Frame(mm)	317 × 70 × 8.5+7
	Tyre	12.00R20
	Fuel Tank Capacity (L)	400L iron tank
SPECIFICATIONS OF WATER TANK	Material	Steel Q235B
	Capacity	20000L
	Shape	Oval
	End cap material thickness	5mm
	Number of baffles	3
	Baffle material thickness	3.75mm
	Manhole qty. &size	1&500mm
	Discharge	Gravity & Pump
	Hose	2x6m plastic with quick release mechanism
	Volume of pump	80M³/h
	Ladder & Tank breather	Yes



OIL TANK

⚠ SPECIFICATIONS OF OIL TANK ⚠

CHASSIS	Chassis Model	2634P
	Driving Type	6 × 4
	Cab	NG80B long cabin with single sleeper
	Wheel Base(mm)	4450+1450
	Engine Model	WP10.340E32
	Gearbox Type	9T1680
	Steering System	ZF8098, recirculating ball steering gear, hydraulic booster
	Clutch	430, Single dry frictional disc, hydraulic booster
	Front Axle	Double-shoe pneumatic brake, non-driving steering axle ,7.5T
	Rear Axle	Double-shoe pneumatic brake, ductile casting casing, Double reduction driving axle; speed ratio is 5.263, 13T
	Sections Of Frame(mm)	317 × 70 × 8.5+7
	Tyre	12.00R20
	Fuel Tank Capacity (L)	400L iron tank
SPECIFICATIONS OF OIL TANK	Material	Steel Q235B
	Capacity	20000L
	Shape	Oval
	End cap material thickness	5mm
	Tank body material thickness	4mm
	Pneumatic sea valve control system	1 set
	Baffle material thickness	3mm
	Baffle Qty.	3
	Manhole qty. &size	1 & 500mm
	Type of pump	Gear Pump
	Discharge Hose	5m plastic with quick release mechanism
	Extinguisher	2
	Ladder & Tool Kit& Reflective strip	Yes