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# PRODUCT CATALOGUE

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Note: The information listed was accurate as known at the date of publication. FAW Group reserves the right to make changes in specifications, equipment, design, or to discontinue models and/or options without notice at any time.







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# 01

## ENTERPRISE PROFILE

[About FAW Group Corporation](#)

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# ENTERPRISE PROFILE

## ABOUT FAW GROUP CORPORATION



### FAW GROUP CORPORATION

FAW, honored as “The Cradle of Chinese Automobile Industry”, has been developing for more than 60 years since its establishment in 1953. It's not only famous for manufacturing China's first truck and sedan, but also leads the development of Chinese automobile industry and becomes a world-famous large-scale automobile enterprise group. In 2018, the Group sold 3.41 million complete vehicles, with a main business income of RMB592 billion and a profit of RMB43.1 billion, ranking the 125<sup>th</sup> among the Fortune 500.

With the mission of “Building China's Top Brand and World-Class Automobile Enterprise”, the company has vowed to take 10 years to build FAW into “China's Top and World-Class” travel service company under the guidance of low-carbon, information, intelligent, great-appearance and high-efficiency technical routes.

### BRAND FRAMEWORK

The products cover 6 series of heavy duty, medium duty and light duty commercial vehicles, micro buses, sedans and coaches as well as self-owned brands such as Jiefang, Hongqi and Bestune and joint venture brands in cooperation with Volkswagen, Audi, Toyota and Mazda.



### R&D LAYOUT

FAW integrates global superior resources and top R&D talents to build a global R&D layout of “3 Countries and 5 Places”. Currently, the company has established extensive business relationships with numerous companies, suppliers and dealers in more than 100 countries worldwide.





# ENTERPRISE PROFILE

## ABOUT FAW BRANDS

### CHINA'S FAW, THE WORLD'S FAW

#### CARRYING DREAMS, GOING FORWARDS

As the top commercial vehicle brand in China, FAW is the only commercial vehicle enterprise that masters the core technology of world-class complete vehicles and three major power assemblies, which carries the vehicle dream of Chinese people. After more than 60 years of development and evolution, the company has engraved innovation into its DNA and promotes technological progress in commercial vehicles, creating wealth and happiness continuously for millions of users around the world and leading the world forward.

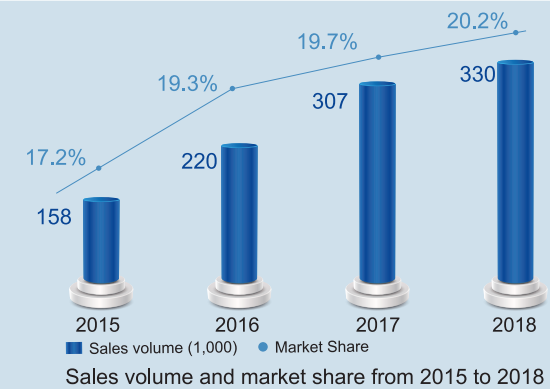


#### GLOBAL STRENGTH, FUTURE LEADER

With excellent products, sound service networks and excellent services, FAW strives to portray the dream of commercial vehicle development and continuously achieves the brilliant achievements in the commercial vehicle market. From China to abroad, from Asia to Europe, where there is vitality, there is FAW brand.

Brand value: RMB **60.672** billion (2018)

Annual production capacity of complete vehicles: **310,000** units



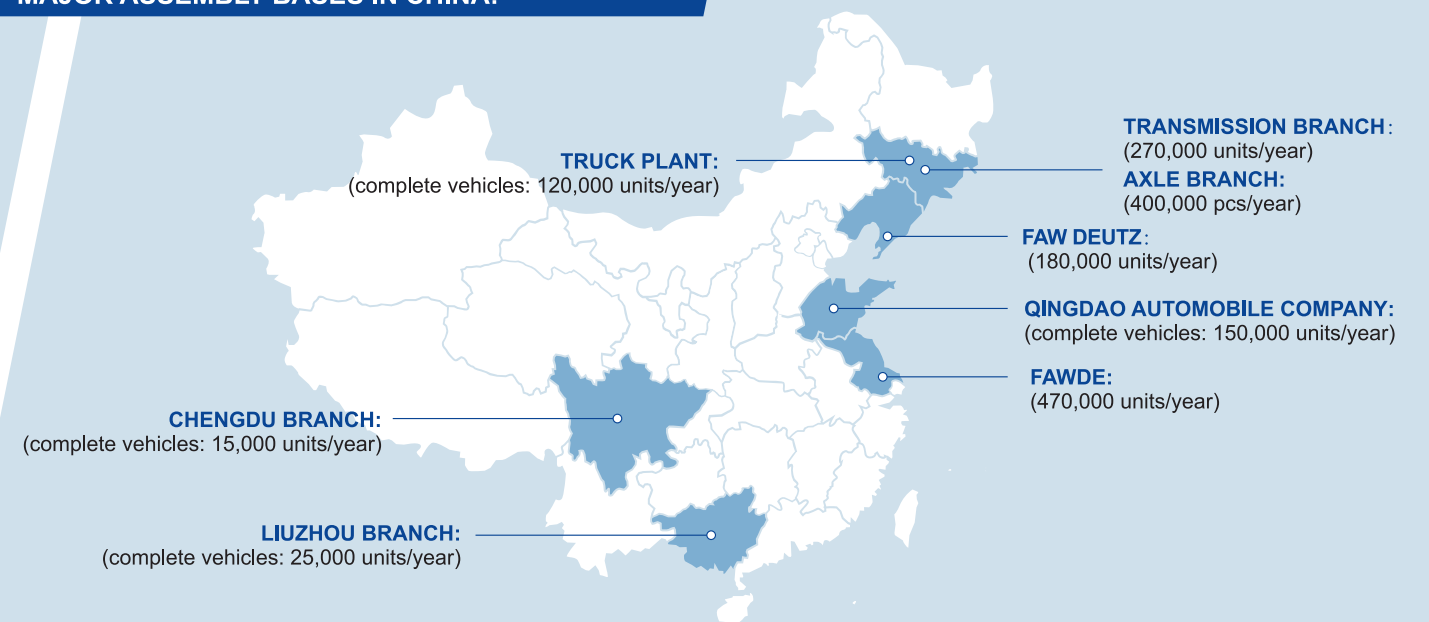
#### LIVE UP TO THE MISSION, CREATE FUTURE WITH INTELLIGENCE

FAW conducts in-depth exploration in the field of intelligent driving, and is committed to becoming the "China's Top and World-Class" smart transportation solutions provider, creating wealth for users, happiness for employees, and values for society.

On April 18, 2018, the brand Jiefang displayed a series of L4 smart car products for the first time in China.



#### FAW'S 4 MAJOR COMPLETE VEHICLE BASES AND 3 MAJOR ASSEMBLY BASES IN CHINA:



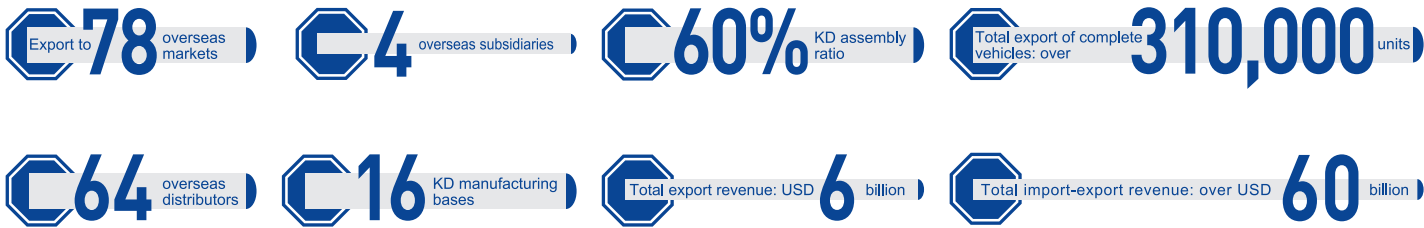


# ENTERPRISE PROFILE

## ABOUT FAW GROUP IMPORT & EXPORT CO., LTD.

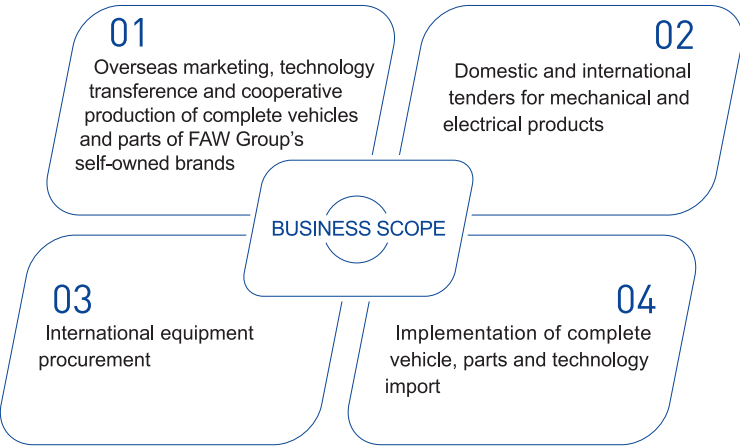
**MISSION:**  
Bravely Undertake the Strategy of FAW to Go Global!

**VISION:**  
Build a strategic platform for the international operation of FAW; offer overseas users premium products and leading mobility experiences.



### FAW GROUP IMPORT & EXPORT CO., LTD. (DEPARTMENT OF OVERSEAS BUSINESS)

FAW Group Import & Export Co., Ltd. (Department of Overseas Business) (hereinafter referred to as IEC) was founded in 1984. It is the only authorized company that owns FAW's import & export rights as well as the operational platform and a window to the international market of the overseas business of FAW.







# 02

## TECHNOLOGY OVERVIEW

TECHNOLOGICAL INNOVATION OVERVIEW

ENGINE

TRANSMISSION

DRIVE AXLE



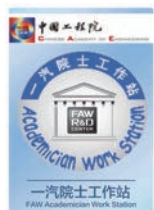
# TECHNOLOGY OVERVIEW

## TECHNOLOGICAL INNOVATION OVERVIEW

### PROMOTE THE PROGRESS OF THE GLOBAL TRANSPORTATION INDUSTRY WITH TECHNOLOGICAL INNOVATION

Technological innovation is FAW's DNA. Since its birth, we have focused on technical R&D and manufacturing technology upgrades through continuous technological innovation, providing consumers with better products and endowing the enterprise with strong core competitiveness.

FAW Truck has won many honorary awards including the first prize of *The State Scientific and Technological Progress Award* and the special award - *China Automotive Industry Awards for Science and Technology*.



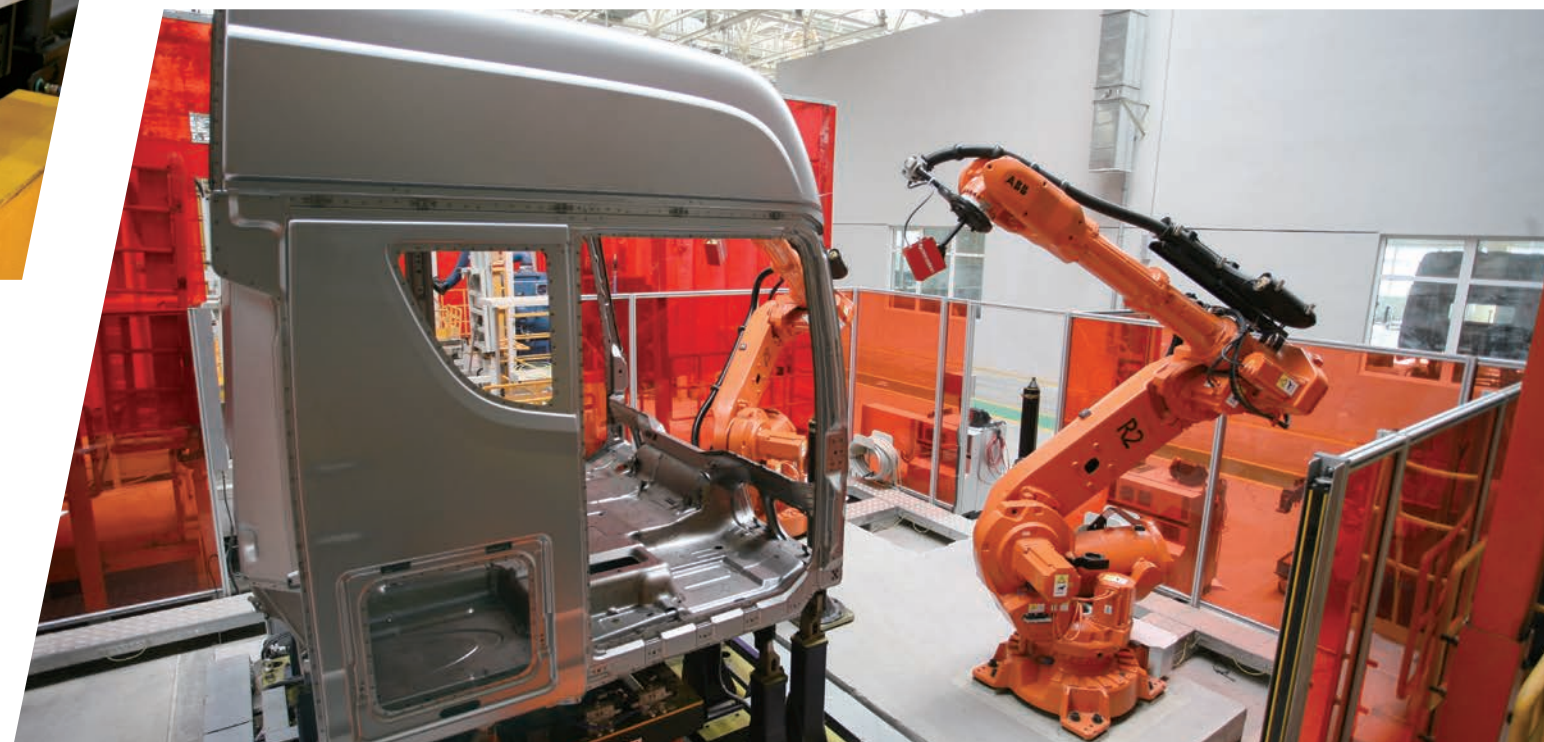
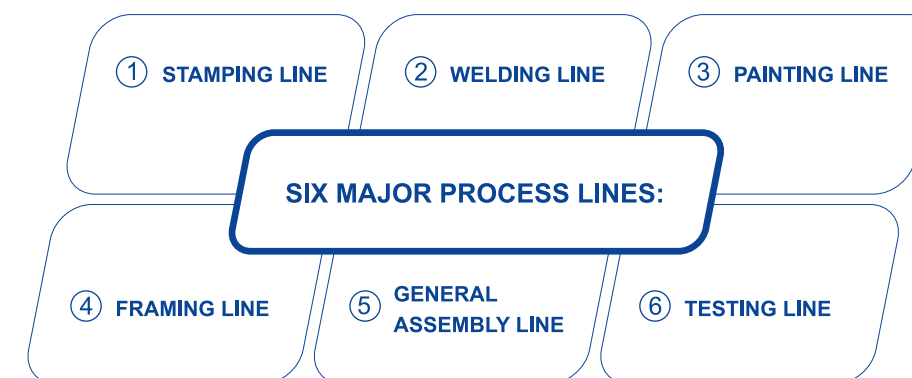
### MAINTAINING THE TALENT ADVANTAGE, BURSTING THE R&D STRENGTH

FAW has 634 experts as well as State Key Laboratory, FAW Academician and Post Doctoral Work Stations, and owns the most powerful independent research and development system in China.

It has successfully built the core product technology advantages of systematic fuel-saving, long drain oil and light weight. Besides, taking advantages of the three major assembly technologies of engine, transmission and axle, and the possession of China's most advanced commercial vehicle trial and pilot base, it is able to ensure the high-efficiency trial production and process verification of the five major assemblies, involving engine, transmission, axle, motor battery and model.

### WITH THE TOP PROCESS, DEMONSTRATE THE MANUFACTURING STRENGTH

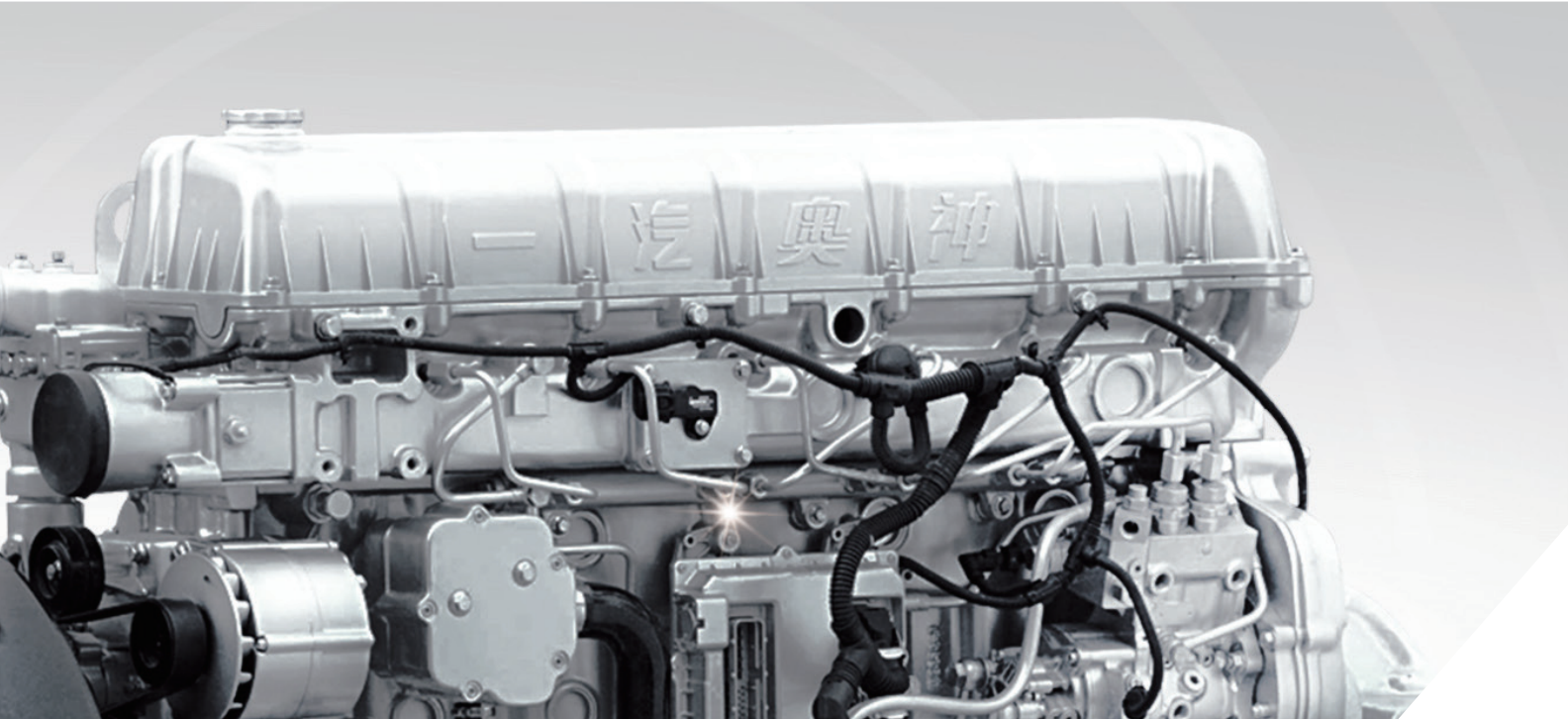
FAW, Regards Quality as Life. From the first Jiefang truck manufactured in Changchun, China, to the autopilot technology vehicle that rides around the world, it is precisely because we continuously inject the spirit of keeping improvement and high standards into the production line, that we achieve the world-leading core manufacturing capability, excellent technology platform and perfect process line.





# TECHNOLOGY OVERVIEW

## ENGINE



□ Inline four-cylinder, six-cylinder, four-valve, four-stroke □ 4L, 5L, 6L, 7L, 8L, 9L, 11L, 13L □ 130-550PS □ Euro II-Euro VI

MAIN FEATURES Diesel Engine Displacement Power Range Emission Standard

### LOW FUEL CONSUMPTION

Adopting the most advanced four-valve technology in the world to ensure sufficient air intake; equipped with BOSCH electronically controlled common rail system with a maximum injection pressure of 1800 bar to achieve a more sufficient combustion; smaller engine cylinder diameter ensures smaller friction loss and better fuel-saving performance.

### HIGH POWER

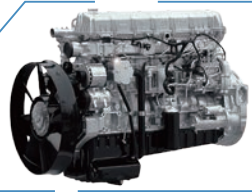
The CA6DM3 is a 13-liter engine with a maximum power of 550PS. The 900 torque and maximum torque are 100-300N\*m higher than similar products. With its large displacement, fast acceleration and high speed, the transportation power is increased by 10%.

### HIGH RELIABILITY

Adopting advanced full cooling water jacket structure to obviously reduce the heat load of the whole machine; the cylinder block and cylinder head are made of high-strength alloy cast iron, which has better fatigue resistance; the built-in oil pump structure and camshaft drive ensure a better reliability.

### HIGH SAFETY

Adopting the world-leading compression-release braking technology to provide good auxiliary braking performance while the vehicle under heavy load goes down a long slope; equipped with the original JACOBS original brake valve.



### CA6DM3

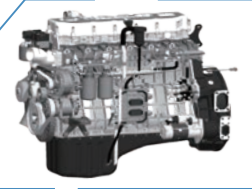
Brand-new assembly, premiumly equipped with super power.

CA6DM3 engine is mainly equipped on heavy duty tractors with a displacement of 12.5L, power range of 500-550PS and a maximum torque of 2,300 Nm.

### CA6DM2

Perfect engine specially designed for heavy duty commercial vehicles, a “golden displacement” product for the heavy duty truck industry.

CA6DM2 engine is mainly equipped on engineering and road tractors, road rigid trucks, heavy duty dump trucks and special purposes with a displacement of 11L, power range of 390-460PS and torque range of 1,550-2,100Nm.



### CA6DL3

Adopting many advanced designs such as rear-end helical gear drive system, multi-wedge structure and full floating cylinder head cover; it is a heavy duty diesel engine with complete intellectual property rights of four-valve technology.

CA6DL3 engine is the ideal equipped engine for medium and high-end heavy duty trucks with a displacement of 8.6L, power range of 290-375PS and torque range of 1,260-1,650Nm.

### CA6DL2

Being put into the market for many years, FAW has won the praise of the majority of users and been well-known as the “King of Fuel-Saving”.

CA6DL2 engine is mainly equipped on road trucks, engineering tractors, dump trucks and special purposes with a displacement of 8.6L, power range of 280-375PS and torque range of 1,350-1,550Nm.



### CA6DL1

With the excellent market performance, commercial vehicles currently have the largest market share and they are the top-rated heavy duty products in terms of fuel-saving.

CA6DL1 engine is mainly equipped on road rigid trucks, dump trucks and special purposes with a displacement of 7.7L, power range of 260-320PS and torque range of 1,050-1,250Nm.

### CA6DK/4DK

Engine for world-class medium duty and heavy duty trucks with advantages of fuel saving, reliability and strong power.

CA6DK engine has a displacement of 7.1L, power range of 240-320PS and max. torque of 1,200Nm. CA4DK engine has a displacement of 4.7L, power range of 140-220PS and max. torque of 820Nm. The engine adopts full cooling water jacket, rising and breaking connecting rod and other advanced structure and is mainly equipped on the medium duty, medium-heavy duty and heavy duty rigid trucks, dump trucks, tractors and special purposes.



### CA6DH/4DH

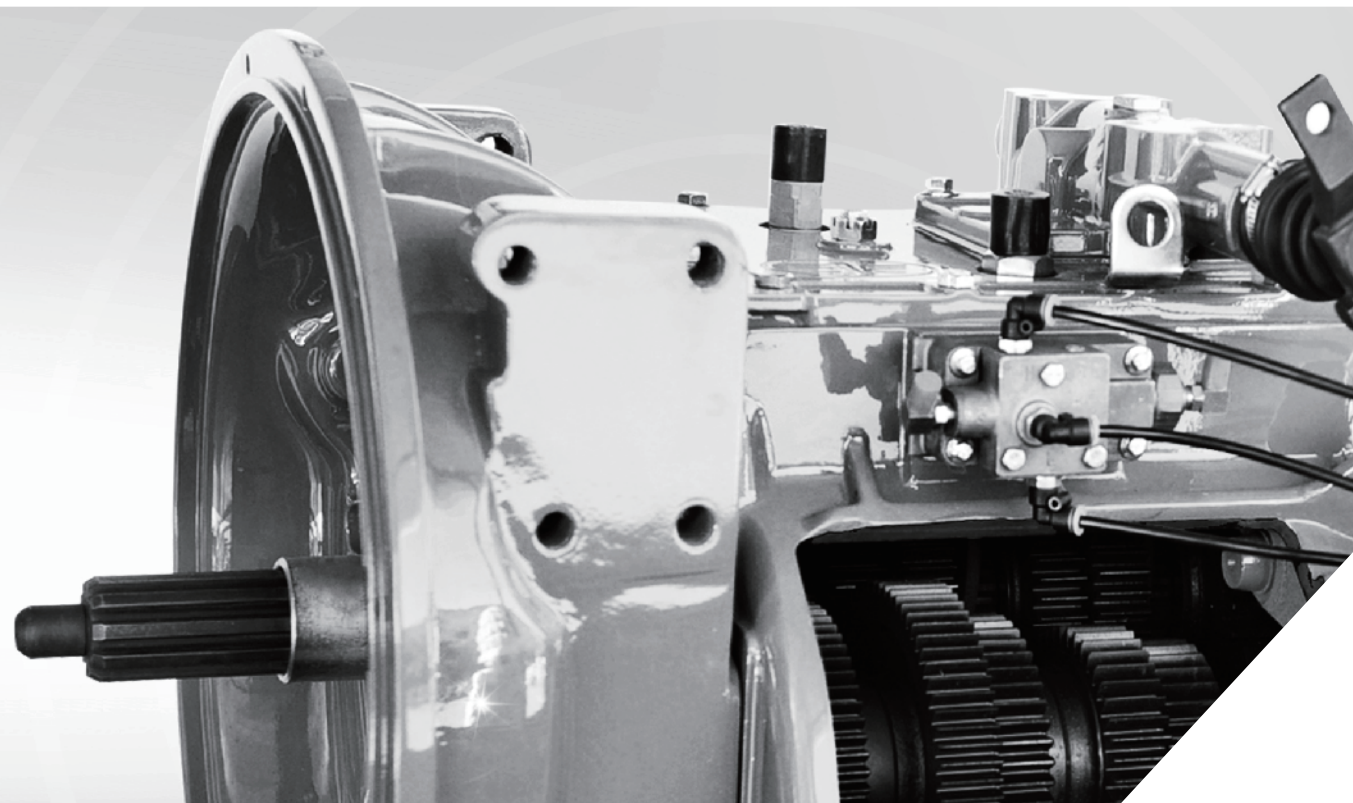
Jointly created by FAW and German DEUTZ Company to meet market demand.

CA6DH engine has a displacement of 5.7L, power range of 160-240PS and max. torque of 850Nm. CA4DH engine has a displacement of 3.8L, power range of 130-180PS and max. torque of 650Nm. The engine adopts four-valve, double-layer water jacket cooling, rising and breaking connecting rod and other advanced structures and is mainly equipped on medium duty, medium-heavy duty and heavy duty rigid trucks, dump trucks, tractors and special purposes.



# TECHNOLOGY OVERVIEW

## TRANSMISSION



□ Single intermediate shaft  
Dual intermediate shaft

□ Gear 6, 7, 8, 9, 10, 12

□ 530-2300Nm

### MAIN FEATURES



Two series



Various Gears



Torque

#### ■ HIGH RELIABILITY

Equipped with the advanced technology of world-class similar products with the high-precision high tooth design to achieve a large coincidence coefficient and strong gear bearing capacity.

#### ■ HIGH FUEL-SAVING

The high transmission efficiency enables a 3-5% of fuel-saving and good economic performance. Excellent speed ratio distribution features the low fuel consumption at the same engine speed.

#### ■ WIDE SPEED RATIO

The wider speed ratio range, high gear speed ratio up to 15.53, and overspeed gear speed ratio of 0.78 make the complete vehicle better in both the starting and the high-speed performance during climbing with heavy load.

#### ■ LIGHT OPERATION

With the full synchronizer, engaging the gear on CA9TB160 is very light and convenient, and the CA12TAX has AMT products to create a sedan driving experience.



### AMT

The mechanical part is identical to that of manual transmission. The electronic control system and the clutch adopt respectively BOSCH parts and imported SACHS clutch, which are both best in the world.

When the vehicle equipped with AMT transmission is running, the computer will give the best dynamic or economical target gear in real time according to the different loads, road conditions and running conditions. The high mechanical transmission efficiency is beneficial to give full play to the dynamic performance of the vehicle, which can improve fuel economy and reduce emission pollution. With the AMT system, the driver's operation is simplified, labour intensity is reduced, and driving safety is improved.

### CA12TA

With the design of main and auxiliary tank structure, dual intermediate shaft, the transmission realizes the features of stronger bearing capacity, smoother drive, less noise, longer service life and more reliable gearshift. The reasonable speed ratio distribution makes the complete vehicle more economical and fuel-saving.

The CA12TA transmission is the large torque transmission specially designed by FAW for the heavy duty truck market based on the CA10TA dual intermediate shaft transmission with an input torque range of 1,600 to 2,300Nm, 12 forward gears and 2 reverse gears.



### CA10TA

With the design of main and auxiliary tank structure, dual intermediate shaft, the transmission realizes the features of less noise, longer life and more reliable gearshift. For the power take-off (PTO), both rear PTO and bottom PTO are optional. The large first gear ratio ensures an excellent performance of the vehicle when starting with heavy load. Wide speed ratio range and appropriate layout make the complete vehicle more economical and powerful.

The CA10TA transmission has a max. torque of 2,000 Nm with 10 forward gears, which are divided into direct gears and overspeed gears.

### CA9TB160

The main and auxiliary tank structure enables multiple gears, compact structure, small size and light weight, realizing the features of strong bearing capacity and long service life. Full synchronizer enables easy gearshift. The large first gear ratio ensures an excellent performance of the vehicle when starting with heavy load. Wide speed ratio range and appropriate layout make the complete vehicle more economical and powerful.



### CA7T100

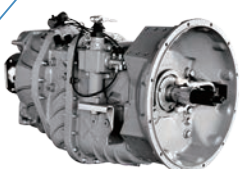
The first gear and reverse gear adopt sliding sleeves, while the gears 2-7 adopt synchronizers. It can be operated directly, or through remote single or dual rod. Gearshift PTO is optional.

High manipulability, reliability and durability of CA7T100 transmission optimize the speed power and fuel economy. The CA7T100 transmission is a mechanical synchronizer transmission with 7 forward gears and 1 reverse gear.

### CA6T085

The first gear and reverse gear adopt sliding sleeves, while the gears 2-6 adopt synchronizers. It can be operated directly, or through remote single or dual rod. Gearshift PTO is optional. Left and right PTOs are optionally installed.

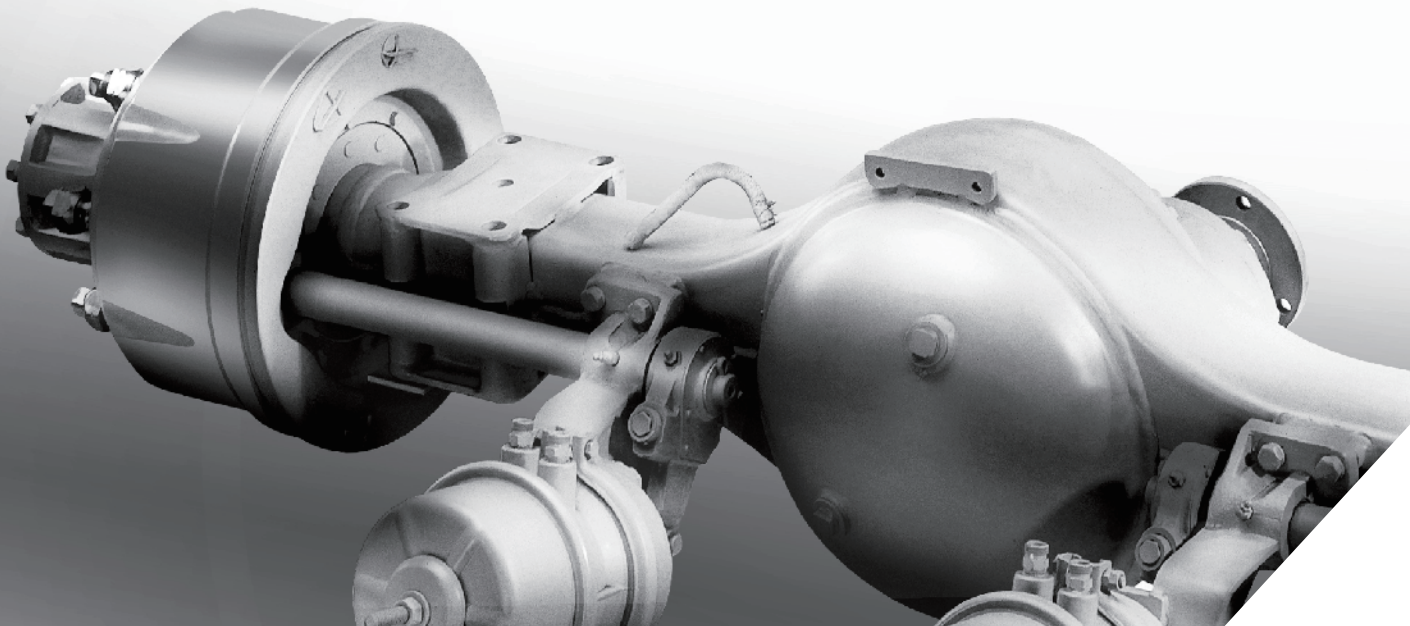
The CA6T085 transmission is a mechanical synchronizer transmission with 6 forward gears and 1 reverse gear. It has the advantages of light and flexible gearshift, stable performance and good reliability. Over 300,000 units have been produced since its launch.





# TECHNOLOGY OVERVIEW

## DRIVE AXLE



- Single-stage reduction (For road vehicles)
- Two-stage wheel reduction (For engineering vehicles)
- Front axle: 3t, 4t, 6t, 7t, 9t
- Rear axle: 6t, 9t, 11t, 13t, 16t

### MAIN FEATURES



### Two series



### Bearing capacity

#### ■ HIGH BEARING CAPACITY

The 300 wheel reduction axle adopts the technology of internal expansion shell and integral casting, which improves the rigidity and strength of the axle housing. The 16-ton ductile iron 600 casting axle housing can meet special engineering needs.

#### ■ HIGH RELIABILITY

With a max. output torque of 60,000Nm, the 300 axle adopts Nissan technology and manufacturing process, and reaches an average life span of 1.1 million times. The middle axle forced lubrication technology ensures good heat dissipation performance.

#### ■ LONG MAINTENANCE CYCLE

The maintenance cycle of new 457 rear axle can be up to 100,000 km.

#### ■ LIGHT SELF-WEIGHT

The axle for road vehicles adopts a strong-weight design, which reduces the weight while ensuring load bearing and driving capability.

### 500 Axle



The 500 single-stage reduction rear axle is the single rear axle with the best bearing, driving and braking capabilities.

The axle housing adopts cold rolling internal expansion technology (16 tons) the max. output torque is 55,000Nm; the rear axle speed ratio is wide, with a range of 2.923-4.875, which is the most competitive axle for road tractors at present, and is an ideal substitute for the wheel reduction axle.

### New 457 axle



The new 457 single-stage reduction single rear axle has the features of strong bearing capacity (13 tons), strong driving capability (output torque of 36,000Nm), wide speed ratio (2.688-6.143) and light weight (50 kg lighter than the original 457 axle). With a maintenance cycle of up to 100,000 km, it is a highly competitive product in the transportation market.

The products are mainly equipped on the road tractors.

### New 435 axle



The new 435 single-stage reduction single rear axle has the features of strong bearing capacity (13 tons), strong driving capability (output torque of 30,000Nm), wide speed ratio (3.545-6.166) and light weight. With stronger braking capacity, it is a highly competitive product for vehicles with standard load in the transportation market.

The products are mainly equipped on the road tractors and rigid trucks.

### 378 axle



The 378 single-stage reduction single rear axle has the features of strong bearing capacity (9 tons), strong driving capability (output torque of 24,000Nm), light weight and wide speed ratio (3.9-6.5). It is a highly competitive product for road vehicles with standard load in the transportation market.

The products are mainly equipped on the medium duty rigid trucks.

### 334 axle



The 334 single-stage reduction single rear axle has the features of strong bearing capacity (5.5 tons), strong driving capability (output torque of 1,800Nm), light weight and wide speed ratio (3.274-6.33). It is a highly competitive product for road vehicles with standard load in the transportation market.

The products are mainly equipped on the rigid trucks.

### 300 axle



Top wheel reduction axle with excellent market performance. The 300 wheel reduction rear axle is a tandem axle with the best bearing, driving and braking capability.

The axle housing adopts the technology of cold rolling internal expansion (16 tons) and integral casting (16 tons). The max. output torque is 60,000Nm; the rear axle has a wide speed ratio range of 4.444-6.733; it is the most competitive axle for engineering vehicles.

### 290 axle



The axle housing of 290 wheel reduction rear axle adopts the technology of cold rolling internal expansion (13 tons). The dimension of the cross section of the axle shell is the same as that of 300 axle; the max. output torque is 50,000Nm; the rear axle has a wide speed ratio range of 4.8-6.333.

The products are mainly equipped on road dump trucks and tractors.





# 03

## PRODUCTS

TRACTOR

RIGID TRUCK

DUMP TRUCK

SPECIAL PURPOSE





# TRACTOR

## HEAVY DUTY TRUCK

J7

NEW J6P

JH6

J5P V

NEW J5P





# FAW J7, BORN FOR FUTURE LOGISTICS

On the same level of the European high-end heavy duty truck, with the world's top industrial aesthetic design, B10 core assembly to achieve a life cycle of 1.5 million km and leading intelligent technology, FAW J7 will bring you a high-quality, scientific, intelligent and comfortable smart heavy duty truck.





PRODUCT INTRODUCTION



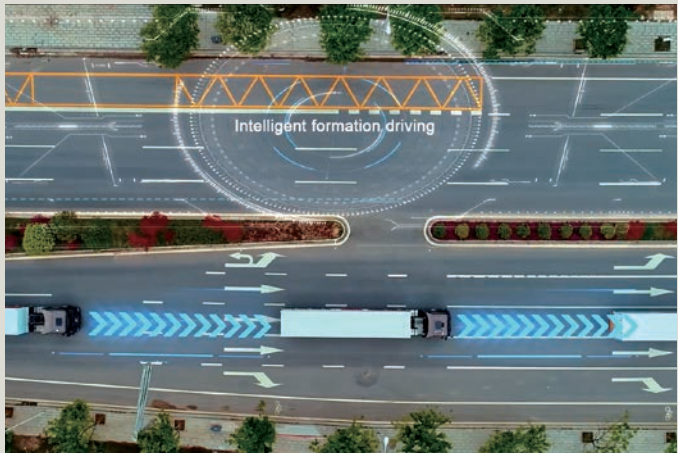
Multi-function luxury instrument panel



Spacious driving and riding space, double-layer sleeper



Highlight lens headlamps, LED daytime running lamps



Intelligent formation driving

FEATURES AND BENEFITS

High Reliability

On the same level of the European vehicles, with a complete vehicle B10 life span of 1.5 million km; cumulative test mileage exceeds 18 million km; global suppliers and advanced process guarantee production quality.

High Intelligence

Adopting the intelligent technologies same as that equipped onto European vehicles, including intelligent safety technology, intelligent driving and intelligent human-computer interaction. Equipped with electronically active safety technologies, such as ABS+ASR+DTC+EBL, EBS+ESC+HILL-HOLD hill-start assist+EBL, ACC+AEBS, LDWS and FCW, 360° HD image, tire pressure monitoring system.

High Efficiency

With an economic speed up to 95km/h and max. speed up to 130km/h, a fuel tank with a max. volume of 1,300 L and a mileage of more than 3,000Km, an oil change cycle of the transmission and rear axle of 200,000 km, an oil change cycle of the power steering oil of 100,000 km, and an overlong maintenance interval of 50,000 km of the complete vehicle.

High Comfort

Adopting European design and beautiful in appearance; equipped with flat floor interior trim, fashionable and well-configured; reasonable human-computer; good maneuverability; indoor noise reaches the level of medium-class sedan.

High Reciprocation

The high efficiency of J7 ensures to maximize the annual revenue, while the min. complete vehicle TCO ensures to maximize the saving and comprehensive revenue.

J7 SERIES

MODEL | CA4250P77K25T1E5 | 6×4 500HP Tractor (LHD)

Recommend areas: Europe, etc.  
Running conditions: Highway & national road, Round trip, Full-load≤55T, Long haul (≥1000Km), etc.

PARAMETERS

MASS	
GVW (kg)	25000
Curb Weight of Chassis (kg)	8805
Max. drawing Capacity (kg)	40000
Total weight with trailer (kg)	49000
Max. Axle Load Distribution(Front/Kg)	7000
Max. Axle Load Distribution(Rear/Kg)	2X13000
Max. Load Weight at Fifth Wheel (kg)	16065
DIMENSIONS	
Length (mm)	6915
Width (mm)	2550
Height (mm)	4000
Wheel Base (mm)	3300+1350
Wheel Track Front/Rear (mm)	2100/1830
Overhang Front/Rear (mm)	1515/750
PERFORMANCE	
Max. Speed (km/h)	120
Max. Grade Ability (%)	31
Approach Angle (°)	18
Departure Angle (°)	40
Parking Brake Grade Angle (%)	≥12
Min. Ground Clearance (mm)	220
Min. Steering Diameter (m)	15
Braking Distance(Full load at 60km/h) (m)	≤36.7
Sliding Distance(from 50km/h) (m)	>1400
Fuel Consumption (L/100km)	32.8
Fuel Tank Capacity (L)	1000

STRUCTURES

CAB	
Category	J7H/High roof/Flat floor/Full floating/Row and a half
Seat	2
FRAME	
Structures	Ladder type/channel section side rails/Punching
Main Rail Section (mm)	300×80×8
Suspension Type	Leaf spring
BODY	
Fifth Wheel Type (inch)	2
Turning Radius Front (mm)	2550
Rear (mm)	2250
Fifth Wheel Height Empty Load (mm)	1310
Full Load (mm)	-

CONFIGURATION

ENGINE	
Model	FAWDE CA6DM3-50E5
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	12.52
Max Output Power (Kw/rpm)	370/1800
Max Torque (Nm/(r/min))	2500/1000~1400
Horsepower (Ps)	500
Emission Level	Euro V
TRANSMISSION	
Model	FAW CA12TAX230M3
Type	Overdrive/Twin countershaft
Forward Gear Ratio	i1=12.189;i2=9.459;i3=7.368;i4=5.78;i5=4.475; i6=3.502;i7=2.724;i8=2.114;i9=1.646;i10=1.293; i11=1;i12=0.783
Reverse Gear Ratio	Ri1=11.816;Ri2=2.647
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	TRW TAS85
Type	Integral power steering/adjustable tilt and telescopic column
Ratio	23.3
REAR AXLE	
Model	465 Improved Punching welding-FAW
Type	Single reduction/Rated load 13T/Max. output torque 38000Nm
Reduction Ratio	3.417
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Engine brake+Exhaust brake
WHEEL	
Tire Model	12R22.5-18
Tire Rim	9.00×22.5
Tire Type	Radial/Tubeless

MISCELLANEOUS

Maintenance-free batteries (Camel)	Cruise Control
Air-conditioner	Speed limiting device
Clutch (SACHS)	Tachograph
Air suspension seat	

OPTIONAL: CA6DM3-46/55E51, ZF12 AMT, 315/80R22.5-20, AIR SUSPENSION



# Heavy Duty Truck **NEW J6P**

FAW, China's most popular brand.

NEW J6P, whose power assembly is completely self-owned, will drive towards the future with you with good quality and innovation.





PRODUCT INTRODUCTION



Multi-function steering wheel



Double-layer sleeper



LED daytime running lamp



Maintenance-free flange edge / aluminium alloy steel rim

FEATURES AND BENEFITS

Brand-new Upgrade

11L 460Ps/13L 550Ps engine, continuously leads upgrade in power; wedge brake + belly suspension bracket + aluminium shell transmission + new 457 axle makes upgrade in lightweight.

Comfortable Driving and Riding

Standardly equipped with multi-function steering wheel for easy operation. The brand-new layout of double-layer sleeper provides a mobile home for the users. 220V onboard power supply, integrated ventilation and heating seat and independent A/C and independent warm air are still functional when the engine is off with less noise. Various humanized designs, such as screen windows, high-efficiency A/C filter and rain guard plate makes it suitable for raining environment.

Reliable Performance

The oil change cycle of the three major assemblies (engine, transmission and axle) can be up to 50,000-100,000 km. The ConMet bearing hub unit is 500,000 km maintenance-free with a higher attendance rate. The key parts and components are provided by international high-quality suppliers with reliable performance and long service life.

Comprehensive Protection

Standardly equipped with daytime running lamps; all-steel cab, with 1mm high-strength steel plate, automatically welded by Swedish ABB robot, meets the requirements in European ECE R29 collision regulations; electronically active safety technologies such as hydraulic retarder, EBS (Electronic Brake System) + ESC (Electronic Stability Program) + HILL-HOLD hill-start assist + EBL (Electronic Brake Force Distribution), ACC (Adaptive Cruise Control) + AEBS (Active Electronic Brake System), LDWS (Lane Departure Warning System), and FCW (Forward Collision Warning) can be optionally installed.

NEW J6P SERIES

MODEL | CA4250P66K25T1A1E5 | 6×4 500HP Tractor (LHD)

Recommend areas: Russia, Philippines, Middle East, etc.  
Running conditions: Highway & national road, Round trip, Full-load≤65T, Long haul (≥1000Km), etc.

PARAMETERS

MASS	
GVW (kg)	25000
Curb Weight of Chassis (kg)	8805
Max. drawing Capacity (kg)	40000
Total weight with trailer (kg)	49000
Max. Axle Load Distribution (Front/Kg)	7000
Max. Axle Load Distribution (Rear/Kg)	2X13000
Max. Load Weight at Fifth Wheel (kg)	16065
DIMENSIONS	
Length (mm)	7050
Width (mm)	2500
Height (mm)	3560
Wheel Base (mm)	3450+1350
Wheel Track Front/Rear (mm)	2020/1830
Overhang Front/Rear (mm)	1500/750
PERFORMANCE	
Max. Speed (km/h)	130
Max. Grade Ability (%)	31
Approach Angle (°)	18
Departure Angle (°)	40
Parking Brake Grade Angle (%)	≥12
Min. Ground Clearance (mm)	220
Min. Steering Diameter (m)	15
Braking Distance (Full load at 60km/h) (m)	≤36.7
Sliding Distance (from 50km/h) (m)	>1400
Fuel Consumption (L/100km)	34
Fuel Tank Capacity (L)	1000

STRUCTURES

CAB	
Category	New J6P/High roof/Full floating/Row and a half
Seat	2
FRAME	
Structures	Ladder type/channel section side rails/Punching
Main Rail Section (mm)	300×80×8
Suspension Type	Leaf spring
BODY	
Fifth Wheel Type (inch)	2
Turning Radius Front (mm)	2550
Rear (mm)	2250
Fifth Wheel Height Empty Load (mm)	1310
Full Load (mm)	-

CONFIGURATION

ENGINE	
Model	FAWDE CA6DM3-50E5
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	12.52
Max Output Power (Kw/rpm)	367.5/1900
Max Torque (Nm/(r/min))	2300/1300~1500
Horsepower (Ps)	500
Emission Level	Euro V
TRANSMISSION	
Model	FAW CA12TAX230M
Type	Overdrive/Twin countershaft
Forward Gear Ratio	i1=12.189; i2=9.459; i3=7.368; i4=5.78; i5=4.475; i6=3.502; i7=2.724; i8=2.114; i9=1.646; i10=1.293; i11=1; i12=0.783
Reverse Gear Ratio	Ri1=11.816; Ri2=2.647
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	TRW TAS85
Type	Integral power steering/adjustable tilt and telescopic column
Ratio	23.3
REAR AXLE	
Model	457 Improved Punchingwelding-FAW (io=3.417)
Type	Single reduction/Rated load 13T/Max. output torque 36000Nm
Reduction Ratio	3.417
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Engine brake+Exhaust brake
WHEEL	
Tire Model	12R22.5-18
Tire Rim	9.00×22.5
Tire Type	Radial/Tubeless

MISCELLANEOUS

Maintenance-free batteries (Camel)	Cruise Control
Air-conditioner	Speed limiting device
Clutch (SACHS)	Tachograph
Air suspension seat	

OPTIONAL: CA6DM2-46/42E51, ZF16S2230TO, 315/80R22.5-20



# Heavy Duty Truck JH6

JH6, providing you with various options of power and configuration, shall become a good helper for your transportation with the safer and more comfortable driving and riding experience.





PRODUCT INTRODUCTION



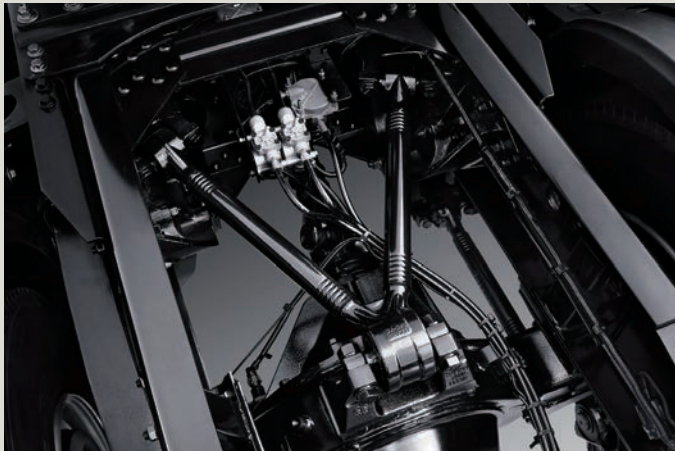
Surrounded instrument panel



Air seat



Front suspension (front axle horizontal stabilizer bar + few leaf spring)



V-shaped reaction rod

FEATURES AND BENEFITS

Higher Safety

1m of low center of gravity and V-shaped rod suspension can prevent vehicle rollover and improve the vehicle stability; the cab made of sheet material with the thickness of 1mm, equipped with four-point suspension technology that can be moved backwards during collision ensures safe driving.

Comfortable Driving and Riding

Flat floor, four-point air suspension shock-absorbing cab, air suspension shock-absorbing seat, relieve driving fatigue; semi-circular instrument panel layout, comfortable posture design, easy to operate; outer width 2495mm, inner height 2050mm, sleeper width 810mm, large living space.

Lightweight and Fuel-saving

The complete vehicle is compact in layout and adopts lightweight design structure; weight-reduction measures, such as high-strength materials, aluminium alloy materials and structural optimization, help to achieve a lighter self-weight, and reduce the wind resistance coefficient to 0.54.

Durable and Reliable

With robot automatic welding and fully automatic painting, the cab can 100% pass the rain test. The one and only chassis overall secondary painting in China is adopted to achieve China's best corrosion resistance.

Economic Efficiency

The complete vehicle matching adopts the strategy of “high horse-power, small speed ratio, high speed, low engine speed”, enabling the economic speed to be increased by more than 10%, and the annual mileage also to be increased.

JH6 SERIES

MODEL | CA4250P25K15T1E5A80 | 6×4 460HP Tractor (LHD/RHD)

Recommend areas: Mexico, South Africa, Myanmar, Malaysia, Peru, etc.  
Running conditions: Highway & national road, Round trip, Full-load≤65T, Long haul (≥1000Km), etc.

PARAMETERS

MASS	
GVW (kg)	25000
Curb Weight of Chassis (kg)	8870
Max. drawing Capacity (kg)	40000
Total weight with trailer (kg)	49000
Max. Axle Load Distribution (Front/Kg)	7000
Max. Axle Load Distribution (Rear/Kg)	2X13000
Max. Load Weight at Fifth Wheel (kg)	16550
DIMENSIONS	
Length (mm)	6915
Width (mm)	2500
Height (mm)	3995
Wheel Base (mm)	3300+1350
Wheel Track Front/Rear (mm)	2054/1852/1852
Overhang Front/Rear (mm)	1495/770
PERFORMANCE	
Max. Speed (km/h)	114
Max. Grade Ability (%)	32
Approach Angle (°)	17
Departure Angle (°)	40
Parking Brake Grade Angle (%)	20
Min. Ground Clearance (mm)	222
Min. Steering Diameter (m)	≤15
Braking Distance(from 30km/h) (m)	≤10
Sliding Distance(from 50km/h) (m)	≥1100
Fuel Consumption (L/100km)	38 (80km/h)
Fuel Tank Capacity (L)	800

STRUCTURES

CAB	
Category	JH6/Flat floor/High roof/Row and a half
Seat	2
FRAME	
Structures	Side rails/roll-in/riveted
Main Rail Section (mm)	300*80*8
Suspension Type	Leaf spring (front)/Air suspension (rear)
BODY	
Fifth Wheel Type (inch)	2
Turning Radius Front (mm)	2550
Rear (mm)	2150
Fifth Wheel Height Empty Load (mm)	1300
Full Load (mm)	-

CONFIGURATION

ENGINE	
Model	WEICHAI WP12.460E50
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	11.596
Max Output Power (Kw/rpm)	338/1900
Max Torque (Nm/(r/min))	2110/1000~1400
Horsepower (Ps)	460
Emission Level	Euro V
TRANSMISSION	
Model	FAST C16JSDQXL220TA
Type	Overdrive/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=14.13(L)/11.70(H);i2=9.77(L)/8.09(H);i3=6.69(L)/ 5.54(H);i4=4.52(L)/3.74(H);i5=3.13(L)/2.59(H);i6=2.16 (L)/1.79(H);i7=1.48(L)/1.22(H);i8=1.00(L)/0.83(H)
Reverse Gear Ratio	Ri1=13.00(L)/10.77(H);Ri2=2.88(L)/2.38(H)
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	TRW TAS85
Type	Integral power steering/adjustable tilt and telescopic column
Ratio	23.3
REAR AXLE	
Model	457 Punching welding-FAW (io=4.111)
Type	Single reduction/Rated load 13T/Max. output torque 40000Nm
Reduction Ratio	4.111
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	315/80R22.5-20
Tire Rim	9.00×22.5
Tire Type	Radial/Tubeless

MISCELLANEOUS

Valve for whole vehicle (WABCO)	Integral mudguard
Clutch booster (WABCO)	Wind deflector (top)
Maintenance-free batteries (Camel)	Wind deflector (side)
Clutch (EATON)	
Air-conditioner	

OPTIONAL: FAWDE CA6DM3-46, FAW CA12TAX230A5



# Heavy Duty Truck **J5P V**

J5P V, with its beautiful appearance and lower self-weight, is equipped with an efficient power system and a comfortable cab with less noise, is the best price- performance choice for your long-distance transportation.





PRODUCT INTRODUCTION



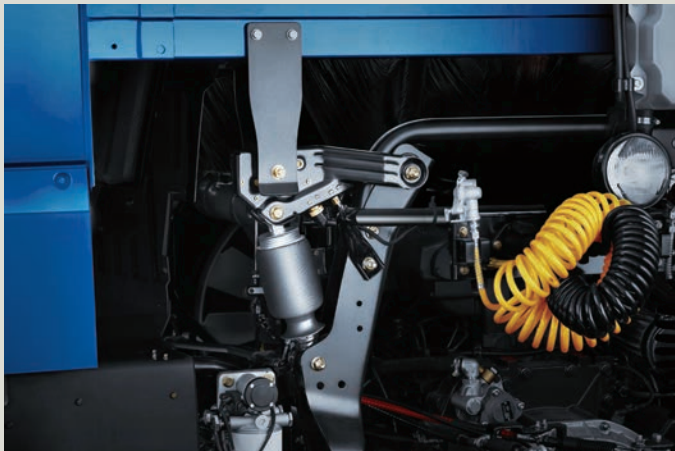
Interior trim with steering wheel & instrument panel



Sunroof



Front wall inner plate



Cab rear suspension

FEATURES AND BENEFITS

Safe and Comfortable

The brand-new instrument panel is simple and beautiful, with good visibility and easy operation. It is equipped with electric windows and doors, sunroof, flat floor and diversified storage space, which is suitable for long-distance logistics. The all-steel cab is in the four-point suspension arrangement, the door is equipped with reinforced cross beams and metal bumper; front wall outer panel opening angle is greater than 90 degrees, which makes maintenance more convenient.

Strong Power

Diversified power options, including FAWDE and WEICHA I engines, with wide power range, large max. torque and power.

Systematic Fuel-Saving

With European-style low wind resistance front face design; standardly equipped with shroud; adopting weight-reduction measures, such as high-strength sheet materials, aluminium alloy materials and structural optimization; the complete vehicle has been tested under different road conditions and can realize all-weather data calibration and considerable fuel saving.

Fine Process and Intelligent Manufacture

Unique rolling process makes frames of high frame strength, good bearing, bending and torsion resistance, high aperture precision and excellent assembly quality; the cab adopts the technology of robot welding to achieve high precision and good reliability. The overall secondary painting process of the chassis provides higher corrosion resistance.

J5P V SERIES

MODEL	CA4259P2K2T1E5A80	6×4 420HP Tractor (LHD)
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Recommend areas: Philippines, Chile, etc.  
Running conditions: Highway & national road, Round trip, Full-load≤65T, Long haul (≥1000Km), etc.

PARAMETERS

MASS	
GVW (kg)	25000
Curb Weight of Chassis (kg)	9470
Max. drawing Capacity (kg)	39400
Total weight with trailer (kg)	49000
Max. Axle Load Distribution (Front/Kg)	6500
Max. Axle Load Distribution (Rear/Kg)	2X13000
Max. Load Weight at Fifth Wheel (kg)	15140
DIMENSIONS	
Length (mm)	7115
Width (mm)	2500
Height (mm)	3820
Wheel Base (mm)	3450+1350
Wheel Track Front/Rear (mm)	2020/1830
Overhang Front/Rear (mm)	1515/800
PERFORMANCE	
Max. Speed (km/h)	110
Max. Grade Ability (%)	26
Approach Angle (°)	23
Departure Angle (°)	40
Parking Brake Grade Angle (%)	20
Min. Ground Clearance (mm)	256
Min. Steering Diameter (m)	14.2
Braking Distance(from 30km/h) (m)	≤10
Sliding Distance(from 50km/h) (m)	1100
Fuel Consumption (L/100km)	35
Fuel Tank Capacity (L)	600

STRUCTURES

CAB	
Category	J5P V/Flat floor/High roof/Full floating/Skylight
Seat	2 or 3
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	300*80*(8+5)
Suspension Type	Leaf spring
BODY	
Fifth Wheel Type (inch)	2
Turning Radius Front (mm)	2600
Rear (mm)	2200
Fifth Wheel Height Empty Load (mm)	1305
Full Load (mm)	1255

CONFIGURATION

ENGINE	
Model	FAWDE CA6DM2-42E5
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	11.05
Max Output Power (Kw/rpm)	309/1900
Max Torque (Nm/(r/min))	1900/1300~1400
Horsepower (Ps)	420
Emission Level	Euro V
TRANSMISSION	
Model	EATON ETO-XX012-ALC
Type	Overdrive/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=12.1;i2=9.41;i3=7.31;i4=5.71;i5=4.46;i6=3.48; i7=2.71;i8=2.11;i9=1.64;i10=1.28;i11=1;i12=0.78
Reverse Gear Ratio	Ri1=11.56;Ri2=2.59
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	50A
Type	Recycle ball-type power steering gear
Ratio	23
REAR AXLE	
Model	485 Punching welding (Differential Lock)-PX Axle(io=4.111)
Type	Single reduction/Rated load 13T/Max. output torque 50000Nm
Reduction Ratio	4.111
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Engine brake + Exhaust brake
WHEEL	
Tire Model	295/80R22.5-18
Tire Rim	9.00×22.5
Tire Type	Radial/Tubeless

MISCELLANEOUS

Valve for whole vehicle (WABCO)	Wind deflector (top)
Air suspension seat	Wind deflector (side)
Maintenance-free batteries (Camel)	Air-conditioner
Operating soft shaft (TUTHILL)	Clutch (EATON)

OPTIONAL: WEICHA I WP10H375E50, FAST 12JSD180TA, 457 AXLE, 12R22.5-18





## Heavy Duty Truck **NEW J5P**

NEW J5P, which has been in sale for more than 10 years, is characterized by its various configuration, low emission (Euro II Standard), and high cost performance, covering the global market and becoming an evergreen in the heavy duty truck field.



PRODUCT INTRODUCTION



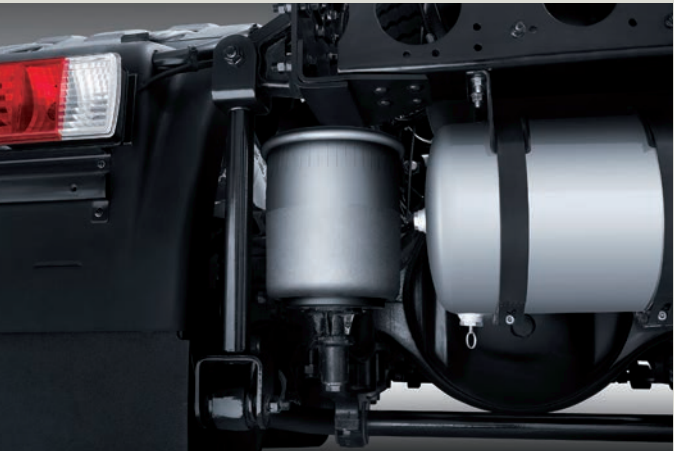
All-steel front wall / bumper



Natural gas bottle



Splash proof mudguard



Electronic control airbag suspension

FEATURES AND BENEFITS

Inherit the Classic

It has a large quantity and various kinds, which is suitable for various working conditions to meet the needs of different users.

Comprehensive Upgrade

Upgraded version of the full-floating cab, surrounded instrument panel, full LCD instrument, four-spoke steering wheel; all-steel front wall, all-steel bumper.

Diversified Power

WEICHAI and FAWDE engines can be optionally installed with various fuels like diesel, natural gas or others; it has strong power, good fuel-saving and environmentally friendly performance, which is suitable for different regions and operating environments.

Easy and Convenient Maintenance

The single-stage air filter equipped with a two-stage high-efficiency paper filter element is adopted for easy maintenance.

NEW J5P SERIES

MODEL | CA4258P2K2T1A80 | 6×4 380HP Tractor (LHD/RHD)

Recommend areas: Nigeria, Tanzania, Pakistan, Malaysia, Peru, etc.  
Running conditions: Highway & national road, Round trip, Full-load≤65T, Long haul (≥1000Km), etc.

PARAMETERS

MASS	
GVW (kg)	25000
Curb Weight of Chassis (kg)	8600
Max. drawing Capacity (kg)	40590
Total weight with trailer (kg)	49000
Max. Axle Load Distribution (Front/Kg)	6500
Max. Axle Load Distribution (Rear/Kg)	2X13000
Max. Load Weight at Fifth Wheel (kg)	16590
DIMENSIONS	
Length (mm)	6793
Width (mm)	2500
Height (mm)	3100
Wheel Base (mm)	3150+1350
Wheel Track Front/Rear (mm)	2020/1830
Overhang Front/Rear (mm)	1493/800
PERFORMANCE	
Max. Speed (km/h)	106
Max. Grade Ability (%)	35
Approach Angle (°)	23
Departure Angle (°)	40
Parking Brake Grade Angle (%)	20
Min. Ground Clearance (mm)	256
Min. Steering Diameter (m)	13.9
Braking Distance (from 30km/h) (m)	≤10
Sliding Distance (from 50km/h) (m)	1100
Fuel Consumption (L/100km)	31
Fuel Tank Capacity (L)	600

STRUCTURES

CAB	
Category	New J5P/Flat floor/Flat or High roof/Interior Surround/Full floating
Seat	2 or 3
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	300*80*8
Suspension Type	Leaf spring
BODY	
Fifth Wheel Type (inch)	3.5
Turning Radius Front (mm)	2300
Rear (mm)	2200
Fifth Wheel Height Empty Load (mm)	1305
Full Load (mm)	1255

CONFIGURATION

ENGINE	
Model	WEICHAI WP10.380E32
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	9.726
Max Output Power (Kw/rpm)	280/2200
Max Torque (Nm/(r/min))	1460/1200-1600
Horsepower (Ps)	380
Emission Level	Euro II
TRANSMISSION	
Model	FAST 12JSD160T
Type	Direct gear/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=15.53;i2=12.08;i3=9.39;i4=7.33;i5=5.73;i6=4.46; i7=3.48;i8=2.71;i9=2.1;i10=1.64;i11=1.28;i12=1
Reverse Gear Ratio	Ri1=3.33;Ri2=14.86
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	Q422A
Type	Recycle ball-type power steering gear
Ratio	23
REAR AXLE	
Model	457 Punching welding-PX Axle (io=4.111)
Type	Single reduction/Rated load 13T/Max. output torque 40000Nm
Reduction Ratio	4.111
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	12R22.5-16
Tire Rim	9.00×22.5
Tire Type	Radial/Tubeless

MISCELLANEOUS

Valve for whole vehicle (WABCO)	Guard plate for water tank
Clutch booster (WABCO)	Radiator anti-insect mask
Maintenance-free batteries (Camel)	Air suspension seat
Operating soft shaft (TUTHILL)	All steel front panel
Clutch (EATON)	All steel front bumper
Air-conditioner	Power take-off

OPTIONAL: WEICHAI WP12.460N/FAWDE CA6DM2-42/CA6DL2-35, EATON ETO-22113/ZF16S2230 TO, 295/80R22.5-18, AIR SUSPENSION





# RIGID TRUCK

## MEDIUM DUTY TRUCK

J6L  
DRAGON V

## LIGHT DUTY TRUCK

TIGER V





# Medium Duty Truck J6L

J6L, born for high quality. Equipped with a powerful engine, it is highly efficient and reliable; an air seat is adopted for a comfortable driving and riding experience.

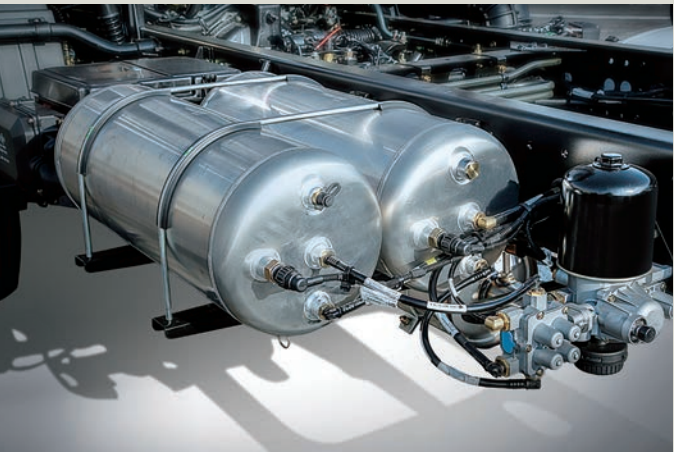




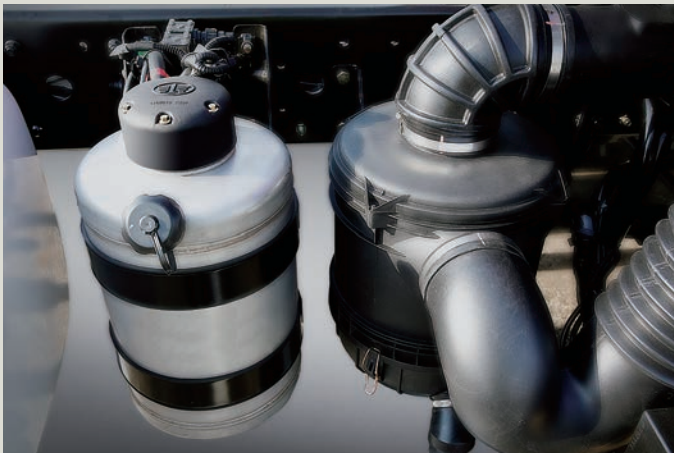
PRODUCT INTRODUCTION



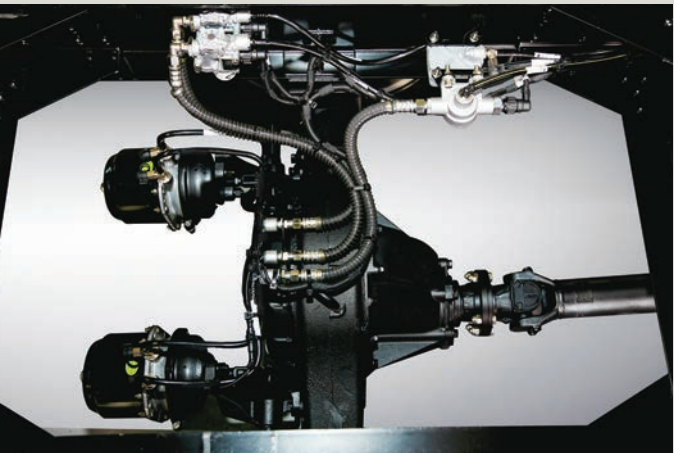
Four-spoke steering wheel / refined instrument panel



Aluminium alloy air cylinder



Autonomous gas drive urea tank



Layout of pipeline harness

FEATURES AND BENEFITS

Beautiful and Elegant

Brand-new and upgraded exterior trim, brand-new wide-body bumper. The side stickers and power identification are added to improve the grade and visual recognition.

Comfortable Driving and Riding

Brand-new interior trim makes it elegant and exquisite; storage box, kettle seat and water cup holder are added; the air inlet duct is optimized to reduce wind noise; the non-slippery step pedal is equipped for easy getting on and off; ventilation, air shock absorption seats and 6.5inch screen can be optionally installed.

Strong Power

Adopting Deutz CA4DK, 4/6DH high pressure common rail engine, advanced technology and reliable quality; CA8TA main and auxiliary tank and dual intermediate shaft realizes stronger bearing capacity; reasonable speed ratio distribution, high drive efficiency.

High Efficiency and Fuel-Saving

Lightweight chassis design and data calibration in multiple working conditions of the complete vehicle will ensure the good adaptability for high temperature, high cold, high altitude, dry heat, damp heat and other environments; the cab adopts streamline design which reduces wind resistance; shroud can be optionally installed to further reduce wind resistance; cruise control is standardly equipped to achieve fuel-saving conveniently and comfortably.

Reliable and Durable

Autonomous gas drive urea technology, simple system structure, high reliability, more convenient filling. The pipeline harness is optimized with VOSS connectors and enlarged air chamber to improve reliability. The front insect-shield is equipped to provide reliable heat dissipation. The cylinder diameter of gear is 100mm, making steering easy.

J6L SERIES

MODEL | CA1160P62K1L4A1E5 | 4×2 180HP Rigid Truck (LHD)

Recommend areas: Vietnam, etc.  
Running conditions: Highway & national road, Inside city & Intercity, Short and Medium distance transportation, etc.

PARAMETERS

MASS	
GVW (kg)	15795
Curb Weight of Chassis (kg)	5800
Payload (kg)	9995
Max. Axle Load Distribution (Front/Kg)	5800
Max. Axle Load Distribution (Rear/Kg)	9995
DIMENSIONS	
Length (mm)	8500
Width (mm)	2495
Height (mm)	2900
Wheel Base (mm)	4800
Wheel Track Front/Rear (mm)	1800/1800
Overhang Front/Rear (mm)	1400/2300
PERFORMANCE	
Max. Speed (km/h)	107
Max. Grade Ability (%)	30
Approach Angle (°)	18
Departure Angle (°)	10
Parking Brake Grade Angle (%)	≥12
Min. Ground Clearance (mm)	258
Min. Steering Diameter (m)	21
Braking Distance (Full load at 60km/h) (m)	≤36.7
Sliding Distance (from 50km/h) (m)	> 1400
Fuel Consumption (L/100km)	19
Fuel Tank Capacity (L)	200

STRUCTURES

CAB	
Category	J6L/Flat roof/Semi-floating
Seat	2
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	237×75×7
Suspension Type	Leaf spring
BODY	
Type	Van-type truck
Baseboard thickness (mm)	-
Sideboard thickness (mm)	-
Dimension (mm)	6200×2200×2000

CONFIGURATION

ENGINE	
Model	FAW DEUTZ CA4DK1-18E5
Type	4 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	4.764
Max Output Power (Kw/rpm)	136/2300
Max Torque (Nm/(r/min))	720/1200~1700
Horsepower (Ps)	180
Emission Level	Euro V
TRANSMISSION	
Model	FAW CA6T138
Type	Overdrive/Synchronizer/Single countershaft
Forward Gear Ratio	i1=7.285;i2=4.193;i3=2.485;i4=1.563;i5=1.000; i6=0.847;
Reverse Gear Ratio	Ri1=6.777;
CLUTCH	
Driven Plate Dia.	Φ380
Type	Pull type diaphragm clutch
STEERING	
Model	-
Type	Recycle ball-type power steering gear
Ratio	17.9
REAR AXLE	
Model	378 Casting-FAW (io=4.875)
Type	Single reduction/Rated load 9.6T/Max. output torque 24000Nm
Reduction Ratio	4.875
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	9.00R2016
Tire Rim	7.00-20
Tire Type	Radial/Inner tube

MISCELLANEOUS

Air suspension seat	Wind deflector (top)
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## Medium Duty Truck **DRAGON V**

DRAGON V, with its superior power, high-strength steel frame and lower self-weight, is your first choice for short and medium distance fast logistics.



PRODUCT INTRODUCTION



Steering wheel, instrument panel, seat



Combined rearview mirror without dead angle



Front wall outer plate



Aluminium alloy fuel tank

FEATURES AND BENEFITS

Safe Protection

Combined rearview mirror without dead angle ensures safety while advancing, reversing and parking on the side; all-steel cab and three-section split metal bumper are durable and easy to replace; the door has an anti-collision beam with small side window design, increasing the safety while side collisions.

Comfortable Driving and Riding

Brand-new instrument panel and wide-body flat floor provide a better driving and riding experience.

Strong Power

Equipped with FAWDE and WEICHAJ engines, FAW/FAST transmission and FAW/PX axle, it is powerful, fuel-saving and environmental friendly.

Reliable Performance

Adopting suspension clutch, brake system, and aluminium alloy fuel tank makes it corrosion-resistant, lightweight, safe and reliable; unique rolling-formed frame, with high strength and high precision, improves the complete vehicle carrying capacity, suitable for urban and intercity efficient logistics.

DRAGON V SERIES

MODEL | CA1161PK2L5EA80 | 4×2 210HP Rigid Truck (LHD)

Recommend areas: Nigeria, Philippines, etc.  
Running conditions: Flatlands, Inside city & Intercity light load, GVW up to 20T, Short and Medium distance transportation, etc.

PARAMETERS

MASS	
GVW (kg)	16000
Curb Weight of Chassis (kg)	6200
Payload (kg)	9800
Max. Axle Load Distribution(Front/Kg)	5000
Max. Axle Load Distribution(Rear/Kg)	11000
DIMENSIONS	
Length (mm)	10182
Width (mm)	2500
Height (mm)	2790
Wheel Base (mm)	6100
Wheel Track Front/Rear (mm)	1914/1847
Overhang Front/Rear (mm)	1332/2750
PERFORMANCE	
Max. Speed (km/h)	90
Max. Grade Ability (%)	40
Approach Angle (°)	25
Departure Angle (°)	17
Parking Brake Grade Angle (%)	18
Min. Ground Clearance (mm)	245
Min. Steering Diameter (m)	19
Braking Distance (from 30km/h) (m)	≤10
Sliding Distance (from 50km/h) (m)	≤1100
Fuel Consumption (L/100km)	27
Fuel Tank Capacity (L)	200

STRUCTURES

CAB	
Category	Dragon V/Flat roof/Semi-floating
Seat	2 or 3
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	280*90*(8+5)
Suspension Type	Leaf spring
BODY	
Type	Rack-body truck
Baseboard thickness (mm)	-
Sideboard thickness (mm)	-
Dimension (mm)	Optional 8000

OPTIONAL: FAWDE CA6DLD-22E5

CONFIGURATION

ENGINE	
Model	WEICHAJ WP6.210E32
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	6.75
Max Output Power (Kw/rpm)	155/2300
Max Torque (Nm/(r/min))	800/1400~1600
Horsepower (Ps)	210
Emission Level	Euro II
TRANSMISSION	
Model	FAST 8JS118TB-B
Type	Direct gear/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=11.4;i2=7.94;i3=5.63;i4=4.06;i5=2.81;i6=1.96; i7=1.39;i8=1
Reverse Gear Ratio	Ri1=11.35
CLUTCH	
Driven Plate Dia.	Φ395
Type	Pull type diaphragm clutch
STEERING	
Model	/
Type	Recycle ball-type power steering gear
Ratio	-
REAR AXLE	
Model	457 Punching welding-PX Axle (io=4.875)
Type	Single reduction/Rated load 13T/Max. output torque 40000Nm
Reduction Ratio	4.875
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	10.00R2016
Tire Rim	7.5-20
Tire Type	Radial/Inner tube

MISCELLANEOUS

Air suspension seat	Air-conditioner
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# Light Duty Truck **TIGER V**

There are figures of Tiger V in every corner of the city. With the reliable quality and strong power, it can meet the needs of short and medium distance fast logistics in the city in the whole year.





PRODUCT INTRODUCTION



New-type instrument



Bluetooth radio player



Middle folding seat



Maintenance-free battery

FEATURES AND BENEFITS

Beautiful and Elegant

The A pillar in the cab is designed with a small inclined angle, which can provide an open view and beautiful appearance.

Comfortable Driving and Riding

Equipped with brand-new LCD instrument, middle folding seat, Bluetooth radio player, electric doors and windows, central control lock, A/C, comfortable interior trim as that in Sedan and gas booster clutch, it is easy and comfortable to drive, relieving driving fatigue.

Strong Power

FAW DEUTZ, YUCHAI, WEICHAI, CUMMINS engines (with a power range of 100-140 hp), ZF and WLY transmissions and QT axle can be optionally installed to provide reliable quality and performance.

Safe and Efficient

The complete vehicle has passed the European ECE collision test and its safety factor leads the whole industry. Maintenance-free battery; standardly equipped dual-circuit air brake system, air brake and aluminium alloy fuel tank; suitable for short and medium distance fast and efficient logistics in the city.

TIGER V SERIES

MODEL | CA1083P40K2L5E5A85 | 4×2 141HP Rigid Truck (LHD/RHD)

Recommend areas: Middle East, Philippines, South Africa, Mexico, Chile, Peru, etc.

Running conditions: Flatlands, Inside city & Intercity light load, Short distance transportation, etc.

PARAMETERS

MASS	
GVW (kg)	8000
Curb Weight of Chassis (kg)	3255
Payload (kg)	4745
Max. Axle Load Distribution (Front/Kg)	2600
Max. Axle Load Distribution (Rear/Kg)	6000
DIMENSIONS	
Length (mm)	7875
Width (mm)	2080
Height (mm)	2405
Wheel Base (mm)	4650
Wheel Track Front/Rear (mm)	1634/1590
Overhang Front/Rear (mm)	1150/2075
PERFORMANCE	
Max. Speed (km/h)	Speed limit 90
Max. Grade Ability (%)	42
Approach Angle (°)	21
Departure Angle (°)	13
Parking Brake Grade Angle (%)	18
Min. Ground Clearance (mm)	200
Min. Steering Diameter (m)	17.1
Braking Distance(from 30km/h) (m)	≤10
Sliding Distance(from 50km/h) (m)	≥1050
Fuel Consumption (L/100km)	13.3
Fuel Tank Capacity (L)	130

STRUCTURES

CAB	
Category	Tiger VH/Flat roof/Row and a half/Skylight/J6F Front panel & Seat
Seat	3
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	216*75*6
Auxiliary Rail Section (mm)	
Suspension Type	Leaf spring
BODY	
Type	Rack-body truck/Van-type truck/Stake truck/Tank truck
Baseboard thickness (mm)	-
Sideboard thickness (mm)	-
Dimension (mm)	Optional 6130

CONFIGURATION

ENGINE	
Model	CUMMINS ISF3.8s5141
Type	4 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	3.76
Max Output Power (Kw/rpm)	105/2600
Max Torque (Nm/(r/min))	450/1200~2200
Horsepower (Ps)	141
Emission Level	Euro V
TRANSMISSION	
Model	ZF6S500
Type	Overdrive/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=6.198;i2=3.287;i3=2.025;i4=1.371;i5=1;i6=0.78
Reverse Gear Ratio	Ri1=5.681
CLUTCH	
Driven Plate Dia.	Φ350
Type	Pull type diaphragm clutch
STEERING	
Model	DR005
Type	Recycle ball-type power steering gear
Ratio	20.42
REAR AXLE	
Model	340 Punching welding (io=4.875)
Type	Single reduction/Rated load 6T/Max. output torque 14200Nm
Reduction Ratio	4.875
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	235/75R17.5-16
Tire Rim	6.75×17.5
Tire Type	Radial/Tubeless

MISCELLANEOUS

Maintenance-free batteries (Camel)	Speed limiting device
Air-conditioner	Wind deflector (top)
Operating soft shaft (TUTHILL)	Power take-off

OPTIONAL: FAW DEUTZ CA4DC3-12E5/WP3.7Q130E50/YUCHAI YC4D130-33, WLY 6TS40, 1058/1068 AXLE





# DUMP TRUCK

## HEAVY DUTY TRUCK

J6P

J5P V

NEW J5P

TUNNEL DUMP TRUCK

## LIGHT DUTY TRUCK

TIGER V 4×4





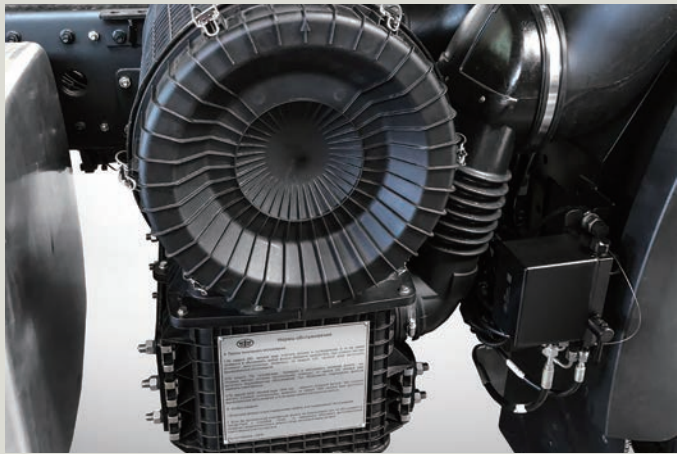
# Heavy Duty Truck **J6P**

J6P, combining a variety of advantages of strong power, good passability, strong carrying capacity and high reliability, is your assuring choice.

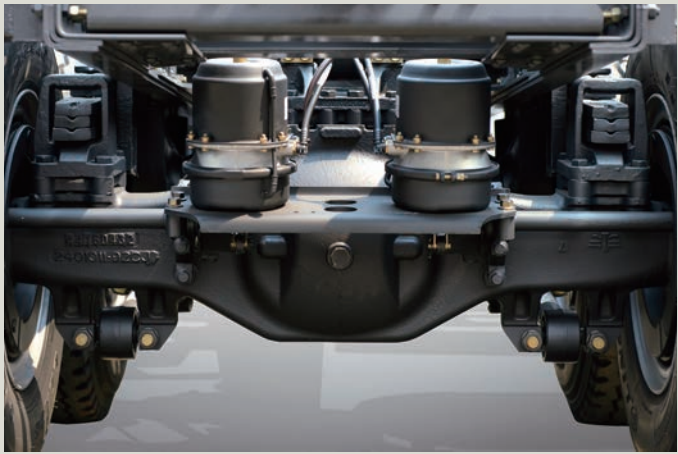




PRODUCT INTRODUCTION



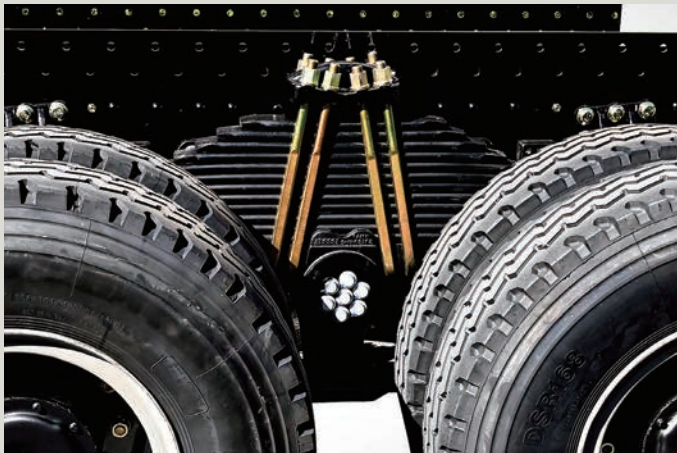
Desert air filter



Cast rigid axle, high-position brake chamber



Double I-pole V-shaped reaction rod



4U balanced suspension

FEATURES AND BENEFITS

Reliable Performance

4U balance suspension and double I-pole V-shaped layout ensure stronger anti-rolling capacity, longer service life of ball joint, easier removal and installation and low maintenance cost; the design of frame belly connection makes a more reliable structure; standardly equipped desert air filter makes the dump trucks more suitable for the dusty and rough working conditions and helps well protect the engine. The first use of integrated casting axle with shaft tube and axle housing in China, which requires no welding and whose process is stable, solves the problem of shaft head breakage during heavy load.

Good Passability

The cab is raised, increasing the clearance between the water tank and the ground to provide better passability. The metal guard plate is added to prevent the chassis from scraping and damaging the water tank.

Super Carrying Capacity

Unique 300x80x (8+8+5) three-layer through frame, made of high-strength special steel has strong carrying capacity.

Safety Protection

Standardly equipped with FAWDE FCB (FAWDE CHAIN BRAKE) solid-chain brake system with good retarding performance to effectively shorten braking time and distance. The instrument panel is lowered to provide wider view. The front-view mirror is lengthened to reduce blind points to ensure safety.

Comfortable Driving and Riding

Large space double-layer sealing cab; with insulation pad to reduce radiation and noise; air shock absorption seats, four-point air suspension, optional independent heater, seat heating, ventilation, independent cold air, 220Ah battery, rain shield and screen window and other equipment provide you a comfortable mobile home.

J6P SERIES

MODEL | CA3310P66K24T4E5 | 8×4 390HP Dump Truck (LHD)

Recommend areas: Russia, Middle East, Philippines, Ghana, etc.  
Running conditions: Sand stone and other resources transportation, Heavy duty, Urban Construction, etc.

PARAMETERS

MASS	
GVW (kg)	42600
Curb Weight of Chassis (kg)	18960
Payload (kg)	23640
Max. Axle Load Distribution (Front/Kg)	7500+7500
Max. Axle Load Distribution (Rear/Kg)	2X16000
DIMENSIONS	
Length (mm)	10290
Width (mm)	2495
Height (mm)	3450
Wheel Base (mm)	2100+3600+1350
Wheel Track Front/Rear (mm)	2020/2020/1878
Overhang Front/Rear (mm)	1470/1000
PERFORMANCE	
Max. Speed (km/h)	91
Max. Grade Ability (%)	30
Approach Angle (°)	24
Departure Angle (°)	22
Parking Brake Grade Angle (%)	≥12
Min. Ground Clearance (mm)	285
Min. Steering Diameter (m)	22
Braking Distance (Full load at 60km/h) (m)	≤36.7
Sliding Distance (from 50km/h) (m)	> 1400
Fuel Consumption (L/100km)	38
Fuel Tank Capacity (L)	400

STRUCTURES

CAB	
Category	J6P/Flat roof/Full floating/Row and a half
Seat	2
FRAME	
Structures	Ladder type/channel section side rails/Punching
Main Rail Section (mm)	300×80×(8+8+5)
Suspension Type	Leaf spring
BODY	
Type	Rectangle/Front Pushing Hydraulic lifting
Baseboard thickness (mm)	8
Sideboard thickness (mm)	6
Dimension (mm)	7200×2300×1400

CONFIGURATION

ENGINE	
Model	FAWDE CA6DM2-39E51
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	11.05
Max Output Power (Kw/rpm)	287/1900
Max Torque (Nm/(r/min))	1750/1200~1400
Horsepower (Ps)	390
Emission Level	Euro V
TRANSMISSION	
Model	FAST 12JSD180TA
Type	Overdrive/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=12.1;i2=9.41;i3=7.31;i4=5.71;i5=4.46;i6=3.48; i7=2.71;i8=2.11;i9=1.64;i10=1.28;i11=1;i12=0.78
Reverse Gear Ratio	Ri1=11.56;Ri2=2.59
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	TRW TAS85
Type	Integral power steering/adjustable tilt and telescopic column
Ratio	23.3
REAR AXLE	
Model	300 Casting hub reduction-FAW (io=5.263)
Type	Hub reduction/Rated load 16T/Max. output torque 60000Nm
Reduction Ratio	5.263
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Engine brake + Exhaust brake
WHEEL	
Tire Model	315/80R22.5-20
Tire Rim	9.00×22.5
Tire Type	Radial/Tubeless

MISCELLANEOUS

Maintenance-free batteries (Camel)	
Air-conditioner	
Clutch (SACHS)	

OPTIONAL: FAWDE CA6DM2-37/42E5, ZF16S2230 TO



# Heavy Duty Truck **J5P V**

J5P V, in accord with the high regulatory requirements of Euro IV or above, able to use a variety of energy sources (natural gas, diesel) and having a strong power, comfortable driving and riding experience, is the king of the cost performance.





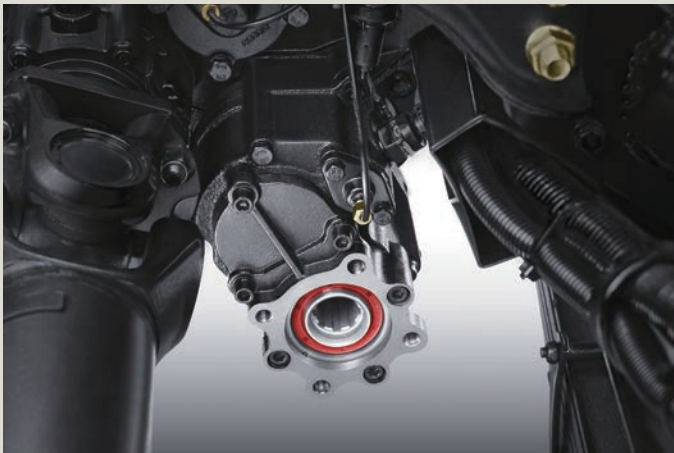
PRODUCT INTRODUCTION



Cymbiform compartment



Front lower protection plate



Spline-type power take-off



Rolling-type reinforced frame

FEATURES AND BENEFITS

Beautiful Shape

European low wind resistance front wall is not only in fashion but also has a good ventilation effect; all-steel cab with the material thickness of body sheet up to 1mm; the door is equipped with reinforced cross beams and metal bumper to ensure the safety.

Strong Power

Diversified engine selections of high horsepower and large displacement, such as FAWDE and WEICHAJ engines with wide power range, large max. torque, which meet the emission requirements in Euro IV and Euro V regulations.

Fine Process and Intelligent Manufacture

The complete vehicle is lighter and more fuel-saving. The engine is ECU controlled. The complete vehicle has been tested under different road conditions and can realize all-weather data calibration and accurate control. The frame is made of high-strength sheet material through rolling process, providing great bearing, bending and torsion resistance ; the cab adopts the technology of 100% robot welding to achieve high precision, good reliability and sealing to improve the vehicle comfort.

Installation and Optional Configurations

Two types of lifting mechanisms are available: middle top and front top. The cymbiform compartment or rectangle compartment can be selected.

J5P V SERIES

MODEL | CA3251P2K15L3T1E5A80 | 6×4 350HP Dump Truck (LHD)

Recommend areas: Philippines, Chile, etc.  
Running conditions: Sand stone and other resources transportation, Heavy duty, Urban Construction, etc.

PARAMETERS

MASS	
GVW (kg)	25000
Curb Weight of Chassis (kg)	9865
Payload (kg)	15135
Max. Axle Load Distribution(Front/Kg)	9000
Max. Axle Load Distribution(Rear/Kg)	2X16000
DIMENSIONS	
Length (mm)	7518
Width (mm)	2550
Height (mm)	2990
Wheel Base (mm)	3825+1350
Wheel Track Front/Rear (mm)	2020/1880/1880
Overhang Front/Rear (mm)	1493/850
PERFORMANCE	
Max. Speed (km/h)	65
Max. Grade Ability (%)	50
Approach Angle (°)	14
Departure Angle (°)	31
Parking Brake Grade Angle (%)	18
Min. Ground Clearance (mm)	314
Min. Steering Diameter (m)	16
Braking Distance (from 30km/h) (m)	≤10
Sliding Distance (from 50km/h) (m)	≥900
Fuel Consumption (L/100km)	≤33
Fuel Tank Capacity (L)	400

CONFIGURATION

ENGINE	
Model	WEICHAJ WP10.350E53
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	9.726
Max Output Power (Kw/rpm)	257/1900
Max Torque (Nm/(r/min))	1600/1200~1600
Horsepower (Ps)	350
Emission Level	Euro V
TRANSMISSION	
Model	FAST 12JSD160T
Type	Direct gear/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=15.53;i2=12.08;i3=9.39;i4=7.33;i5=5.73;i6=4.46; i7=3.48;i8=2.71;i9=2.1;i10=1.64;i11=1.28;i12=1
Reverse Gear Ratio	Ri1=3.33;Ri2=14.86
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	D598
Type	Recycle ball-type power steering gear
Ratio	23
REAR AXLE	
Model	300 Casting hub reduction-PX Axle (io=5.921)
Type	Hub reduction/Rated load 16T/Max. output torque 60000Nm
Reduction Ratio	5.921
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	12.00R2018
Tire Rim	8.5-20
Tire Type	Radial/Inner tube

MISCELLANEOUS

Valve for whole vehicle (WABCO)	Power take-off (Internal splines)
Clutch booster (WABCO)	Clutch (EATON)
Maintenance-free batteries (Camel)	Air-conditioner
Operating soft shaft (TUTHILL)	Air suspension seat
Guard plate for water tank	

OPTIONAL: FAWDE CA6DM2-42E5, FAST 10JSD200B



# Heavy Duty Truck **NEW J5P**

NEW J5P, in accord with the national low-emissions regulations, is a high cost-effective option with a variety of power assembly and rich configurations.





PRODUCT INTRODUCTION



Inclined compartment



Rectangle compartment



Full-metal bumper, headlamp grid guard



Oil bath type air filter

FEATURES AND BENEFITS

Reliable and Safe

Adopting double-stage air filter (oil bath type air filter + single-stage paper filter), which is suitable for the harsh dusty working conditions. The lamps and fog lamps are equipped with protective cover to protect the headlamps and avoid damage. All-steel front wall and bumper provide effective protection for the cab.

Installation and Optional Configurations

Two types of lifting mechanisms are available: middle top and front top. The cymbiform compartment or rectangle compartment can be selected.

Inherit the Classic

It has a large quantity and various kinds, which is suitable for various regions and working conditions to meet the needs of different users.

Diversified Power

WEICHAI and FAWDE engines can be optionally installed with various fuels like diesel, natural gas or others; the diesel engine meets the emission requirements in Euro II and Euro III regulations; it has strong power, good fuel-saving and environmentally friendly performance.

NEW J5P SERIES

MODEL | CA3312P2K2L4T4EA80 | 8×4 380HP Dump Truck (LHD)

Recommend areas: Peru, Ghana, Indonesia, Tanzania, etc.

Running conditions: Sand stone and other resources transportation, Heavy duty, Urban Construction, etc.

PARAMETERS

MASS	
GVW (kg)	31000
Curb Weight of Chassis (kg)	11580
Payload (kg)	19420
Max. Axle Load Distribution (Front/Kg)	6500+6500
Max. Axle Load Distribution (Rear/Kg)	2X16000
DIMENSIONS	
Length (mm)	9563
Width (mm)	2550
Height (mm)	2990
Wheel Base (mm)	1860+3910+1450
Wheel Track Front/Rear (mm)	2045/2045/1880/1880
Overhang Front/Rear (mm)	1493/850
PERFORMANCE	
Max. Speed (km/h)	80
Max. Grade Ability (%)	32
Approach Angle (°)	28
Departure Angle (°)	33
Parking Brake Grade Angle (%)	18
Min. Ground Clearance (mm)	314
Min. Steering Diameter (m)	22.3
Braking Distance(from 30km/h) (m)	≤10
Sliding Distance(from 50km/h) (m)	≥900
Fuel Consumption (L/100km)	≤36
Fuel Tank Capacity (L)	400

STRUCTURES

CAB	
Category	New J5P/Flat roof/Interior Surround/Full floating
Seat	2
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	320*90*(8+8)
Auxiliary Rail Section (mm)	
Suspension Type	Leaf spring
BODY	
Type	U Type/Front Pushing Hydraulic lifting
Baseboard thickness (mm)	10
Sideboard thickness (mm)	8
Dimension (mm)	7600×2300×1000

CONFIGURATION

ENGINE	
Model	WEICHAI WP10.380E32
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	9.726
Max Output Power (Kw/rpm)	280/2200
Max Torque (Nm/(r/min))	1460/1200-1600
Horsepower (Ps)	380
Emission Level	Euro II
TRANSMISSION	
Model	FAST 12JSD160T
Type	Direct gear/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=15.53;i2=12.08;i3=9.39;i4=7.33;i5=5.73;i6=4.46; i7=3.48;i8=2.71;i9=2.1;i10=1.64;i11=1.28;i12=1
Reverse Gear Ratio	Ri1=3.33; Ri2=14.86
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	D598
Type	Recycle ball-type power steering gear
Ratio	23
REAR AXLE	
Model	300 Casting hub reduction-PX Axle(io=5.921)
Type	Hub reduction/Rated load 16T/Max. output torque 60000Nm
Reduction Ratio	5.921
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	12.00R2418
Tire Rim	8.5-24
Tire Type	Radial/Inner tube

MISCELLANEOUS

Valve for whole vehicle (WABCO)	Power take-off (Internal splines)
Clutch booster (WABCO)	Air-conditioner
Maintenance-free batteries (Camel)	Guard plate for water tank
Operating soft shaft (TUTHILL)	All steel front panel
Clutch (EATON)	

OPTIONAL: WEICHAI WP12.430N/WP10.340E32, ZF16S2230 TO/EATON ETO-20109A, RECTANGLE BODY



# Heavy Duty Truck **TUNNEL DUMP TRUCK**

Tunnel Dump Truck, specially designed for mine roadway conditions, suitable for slope mining, heavy-duty low-speed transportation and equipped with A/C, shall transport the future of wealth with you.





PRODUCT INTRODUCTION



Offset cab, full-metal bumper



Built-in lift cylinder



Desert air filter



Rear tail lamp grid guard

FEATURES AND BENEFITS

Super Strong Power

Optionally installed FAWDE engine for engineering vehicles, special cast steel wheel reduction axle for mining trucks with large speed ratio, and enhanced balance suspension to improve bearing capacity and reliability. The complete vehicle perfoms well when starting with heave load and has good continuously climbing capacity, which makes it suitable for poor and narrow environments such as mining caves and tunnels with frequent uphill and turning.

Reliable Performance

The frame structured cab and front-turning and thickened engineering bumper, specially designed for mine roadway conditions, provide great seismic performance and durability. It is equipped with desert air filter with super-large flow and high filtration to ensure normal operation and service life of the engine power under the harsh dust environment in the mining area.

Professional Design

The chassis is equipped with an integrated design. A non-auxiliary beam structure and a U-shaped mine special carriage are adopted to provide a lower center of gravity to meet the demanding requirements of low mine tunnels.

Super Large Load Capacity

The complete vehicle in reasonable layout, with in-built cylinder and compact design of cab to effectively lengthen the compartment, enlarge the loading volume and improve the transportation efficiency.

Comfortable Driving and Riding

It optimizes the ergonomics in the cab, improves heat insulation and sound insulation, and improves driving comfort and maneuverability.

TUNNEL DUMP TRUCK SERIES

MODEL | UQ-25A | 6×4 300HP Tunnel Dump Truck (LHD)

Recommend areas: Mining area, etc.  
Running conditions: Metal mining area, slope road mining and transportation, etc.

PARAMETERS

MASS	
GVW (kg)	37200
Curb Weight of Chassis (kg)	12200
Payload (kg)	25000
Max. Axle Load Distribution (Front/Kg)	6500
Max. Axle Load Distribution (Rear/Kg)	2X16000
DIMENSIONS	
Length (mm)	7880
Width (mm)	2500
Height (mm)	2650
Wheel Base (mm)	3750+1350
Wheel Track Front/Rear (mm)	-
Overhang Front/Rear (mm)	-
PERFORMANCE	
Max. Speed (km/h)	60
Max. Grade Ability (%)	32
Approach Angle (°)	-
Departure Angle (°)	-
Parking Brake Grade Angle (%)	-
Min. Ground Clearance (mm)	290
Min. Steering Diameter (m)	16.4
Braking Distance(from 30km/h) (m)	-
Sliding Distance(from 50km/h) (m)	-
Fuel Consumption (L/100km)	-
Fuel Tank Capacity (L)	200

STRUCTURES

CAB	
Category	Offset cab
Seat	1
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	300*90*(8+8+5)
Auxiliary Rail Section (mm)	
Suspension Type	Leaf spring
BODY	
Type	U type/Front Pushing Hydraulic lifting
Baseboard thickness (mm)	16
Sideboard thickness (mm)	10
Dimension (mm)	4950×2300×1000

CONFIGURATION

ENGINE	
Model	FAWDE CA6DL2-30GG3U
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	8.6
Max Output Power (Kw/rpm)	221/2000
Max Torque (Nm/(r/min))	1350/1400
Horsepower (Ps)	300
Emission Level	Euro III
TRANSMISSION	
Model	FAW CA10TA160M
Type	Direct gear/Twin countershaft
Forward Gear Ratio	i1=14.734;i2=11.000;i3=8.166;i4=6.003;i5=4.464; i6=3.301;i7=2.464;i8=1.830;i9=1.349;i10=1.000;
Reverse Gear Ratio	Ri1=15.098;Ri2=3.382;
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	-
Type	Recycle ball-type power steering gear
Ratio	-
REAR AXLE	
Model	Casting hub reduction (io=5.921)
Type	Hub reduction/Rated load 16T/Max. output torque 60000Nm
Reduction Ratio	5.921
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	10.00-20 16
Tire Rim	8.0-20
Tire Type	Inner tube

MISCELLANEOUS

Air suspension seat	Power take-off
Air-conditioner	Guard plate for water tank





## Light Duty Truck **TIGER V 4x4**

Tiger V, all-wheel drive, the first choice for mountain and jungle operation, no fear of rugged, muddy, jungle and mountain road, with stronger climbing ability and better passability, is the "King of Transportation" among light duty trucks.



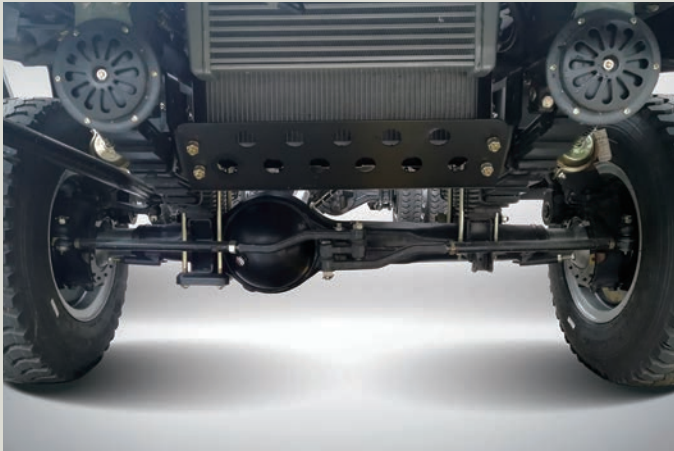
PRODUCT INTRODUCTION



Right steering wheel



Large approach angle



Rzeppa steering axle



Transfer case

FEATURES AND BENEFITS

Reliable Performance

Adopting high-quality general assemblies, such as the newly developed special chassis, transmission and axle based on Jiefang Tiger V light duty truck platform, which are more professional and reasonable.

Good Passability

Rzeppa front axle and the wheel reduction axle are adopted; the water tank lower protection plate are standardly equipped; the approach angle and the steering angle are enlarged; the engine and the cab is raised, increasing to increase grounding clearance to achieve all-wheel drive and strong obstacle resistance capacity.

Strong Adaptability

The transmission with 6 gears and transfer case with 2 gears are adopted to meet the requirements of fast speed without load and low speed at full load in complex road conditions.

Wide Application Ranges

Meeting the requirements in all-weather severe working conditions; suitable for mountains, industrial and mining sites, pit operations in tropical and rainy places, short-distance wood and sugar cane transportation etc.

TIGER V SERIES

MODEL | CA2080P40K8T5YA84 | 4×4 130HP Dump Truck (LHD/RHD)

Recommend areas: Malaysia, Bangladesh, Philippines, Myanmar, etc.  
Running conditions: Sand stone and other resources transportation, Urban Construction, etc.

PARAMETERS

MASS	
GVW (kg)	7800
Curb Weight of Chassis (kg)	3500
Payload (kg)	4300
Max. Axle Load Distribution (Front/Kg)	2500
Max. Axle Load Distribution (Rear/Kg)	6000
DIMENSIONS	
Length (mm)	6250
Width (mm)	2250
Height (mm)	2600
Wheel Base (mm)	3860
Wheel Track Front /Rear (mm)	1664/1560
Overhang Front /Rear (mm)	1190/1500
PERFORMANCE	
Max. Speed (km/h)	105
Max. Grade Ability (%)	70
Approach Angle (°)	36
Departure Angle (°)	21.5
Parking Brake Grade Angle (%)	18
Min. Ground Clearance (mm)	225
Min. Steering Diameter (m)	10.72
Braking Distance (from 30km/h) (m)	≤10
Sliding Distance (from 50km/h) (m)	≥1050
Fuel Consumption (L/100km)	≤14
Fuel Tank Capacity (L)	80

STRUCTURES

CAB	
Category	Tiger VH/Flat roof/Single row/RH
Seat	3
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	216*75*6
Auxiliary Rail Section (mm)	
Suspension Type	Leaf spring
BODY	
Type	Rectangle/under-body Hydraulic lifting
Baseboard thickness (mm)	-
Sideboard thickness (mm)	-
Dimension (mm)	3750

CONFIGURATION

ENGINE	
Model	YUCHAI YC4D130-33
Type	4 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	4.214
Max Output Power (Kw/rpm)	96/2800
Max Torque (Nm/(r/min))	380/1400-1700
Horsepower (Ps)	130
Emission Level	Euro II
TRANSMISSION	
Model	WLY 6T115
Type	Overdrive/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=6.32; i2=3.927; i3=2.283; i4=1.396; i5=1; i6=0.789
Reverse Gear Ratio	Ri1=5.858
CLUTCH	
Driven Plate Dia.	Φ330
Type	Pull type diaphragm clutch
STEERING	
Model	D9098
Type	Recycle ball-type power steering gear
Ratio	20.42
REAR AXLE	
Model	1068 Punching welding (io=4.875)
Type	Single reduction/Rated load 5T/Max. output torque 11000Nm
Reduction Ratio	4.875
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	7.50R1614
Tire Rim	6.5-16
Tire Type	Radial/Inner tube

MISCELLANEOUS

Maintenance-free batteries (Camel)	Power take-off
Air-conditioner	





# SPECIAL PURPOSE

## HEAVY DUTY TRUCK

J6P

## MEDIUM-HEAVY DUTY TRUCK

J5M

## MEDIUM DUTY TRUCK

J6L

## LIGHT DUTY TRUCK

TIGER V







# Heavy Duty Truck J6P

J6P concrete mixer truck inherits FAW quality and is suitable for roads with severe working conditions. With high power, high security and high reliability, it becomes the cost-effective choice for concrete transportation.



PRODUCT INTRODUCTION



Wrecker



Concrete pump truck



Snow clearer



Bridge detection vehicle

FEATURES AND BENEFITS

Comfortable Driving and Riding

Air shock absorption seats, well-tuned suspension and suspension systems enable good ride and shock absorption. The design of the control system such as the electronic hand throttle and the external control device outside the cab is user-friendly, and the convenience of use is improved.

Safe Protection

Standardly equipped with ABS; optionally installed with four-direction image, tire pressure monitoring system, collision warning system and lane departure warning system.

Stable and Reliable

Suspension double I-pole V-belt structure and V-shaped reaction rod improve the horizontal stability; the roll center is 214mm lower than the straight rod and has strong anti-overturn capability.

Easy Modification

Can be modified for needs, such as mixer trucks, dangerous goods transport vehicles, refrigerated vans, snow clearers, bridge detection vehicles and other SPVs. The straight beam frame is reserved with a standard 50 pitch. The chassis module is no higher than the upper wing of the frame, eliminating the interference and reducing the modification cycle.

J6P SERIES

MODEL | CA5250GJBP66K2L2T1E5 | 6×4 350HP Concrete Mixer Truck (LHD)

Recommend areas: Russia, Middle Ease, Philippines, etc.  
Running conditions: Concrete transportation, Short distance, Heavy duty, Urban Construction, etc.

PARAMETERS

MASS	
GVW (kg)	35100
Curb Weight of Chassis (kg)	15400
Payload (kg)	19700
Max. Axle Load Distribution (Front/Kg)	7500
Max. Axle Load Distribution(Rear/Kg)	2X13000
DIMENSIONS	
Length (mm)	9620
Width (mm)	2495
Height (mm)	3830
Wheel Base (mm)	3800/4050/4300+1350
Wheel Track Front /Rear (mm)	2020/1878
Overhang Front /Rear (mm)	1470/2500
PERFORMANCE	
Max. Speed (km/h)	90
Max. Grade Ability (%)	37
Approach Angle (°)	21
Departure Angle (°)	14
Parking Brake Grade Angle (%)	≥12
Min. Ground Clearance (mm)	285
Min. Steering Diameter (m)	18
Braking Distance (Full load at 60km/h) (m)	≤36.7
Sliding Distance (from 50km/h) (m)	> 1400
Fuel Consumption (L/100km)	35
Fuel Tank Capacity (L)	400

STRUCTURES

CAB	
Category	J6P/Flat roof/Full floating/Row and a half
Seat	2
FRAME	
Structures	Ladder type/channel section side rails/Punching
Main Rail Section (mm)	300×80×(8+8+5)
Suspension Type	Leaf spring
BODY	
Type	Concrete mixer
Baseboard thickness (mm)	-
Sideboard thickness (mm)	-
Dimension (mm)	Optional 10/12/14m³

CONFIGURATION

ENGINE	
Model	FAWDE CA6DL2-35E5
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	8.6
Max Output Power (Kw/rpm)	258/2100
Max Torque (Nm/(r/min))	1500/1300~1500
Horsepower (Ps)	350
Emission Level	Euro V
TRANSMISSION	
Model	FAW CA12TAX160M
Type	Overdrive/Twin countershaft
Forward Gear Ratio	i1=12.158; i2=9.435; i3=7.349; i4=5.77; i5=4.464; i6=3.493; i7=2.724; i8=2.114; i9=1.646; i10=1.293; i11=1; i12=0.783
Reverse Gear Ratio	Ri1=11.816; Ri2=2.647
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	TRW TAS85
Type	Integral power steering/adjustable tilt and telescopic column
Ratio	23.3
REAR AXLE	
Model	300 Casting hub reduction-FAW (iq=5.263)
Type	Hub reduction/Rated load 16T/Max. output torque 60000Nm
Reduction Ratio	5.263
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	12R22.5-18
Tire Rim	9.00×22.5
Tire Type	Radial/Tubeless

MISCELLANEOUS

Maintenance-free batteries (Camel)	Air suspension seat
Air-conditioner	Clutch (SACHS)

OPTIONAL: FAW CA12TA160M, FRAME 300×80×(8+8)





## Medium-Heavy Duty Truck **J5M**

J5M mixer truck, with lightweight design, realizes a lower self-weight, and is a reassuring choice of mixer transportation.



PRODUCT INTRODUCTION



Watering cart



Swept-body refuse collector



Compression refuse collector



Fire truck

FEATURES AND BENEFITS

Strong Power

Optionally installed with FAWDE and WEICHAİ engines to provide strong power and make it fuel-saving and environmental friendly.

Safe Driving and Riding

Brand-new interior trim with RHD cab is beautiful and elegant. The cab front wall and the driver's door are equipped with anti-collision cross beams to ensure safety and reliability.

Easy Modification

Can be modified for needs, such as watering carts, refuse collectors, fire trucks, dangerous goods transport vehicles, cleaning vehicles and other SPVs. The medium-heavy duty truck platform chassis with appropriate carrying capacity enables various types of modification.

J5M SERIES

MODEL | CA5250GJBA80 | 6×4 280HP Concrete Mixer Truck (LHD/RHD)

Recommend areas: Indonesia, etc.  
Running conditions: Concrete transportation, short distance, Urban Construction, etc.

PARAMETERS

MASS	
GVW (kg)	25000
Curb Weight of Chassis (kg)	8440
Payload (kg)	16560
Max. Axle Load Distribution (Front/Kg)	7000
Max. Axle Load Distribution (Rear/Kg)	18000
DIMENSIONS	
Length (mm)	7525
Width (mm)	2468
Height (mm)	2760
Wheel Base (mm)	3500+1350
Wheel Track Front /Rear (mm)	2020/1860
Overhang Front /Rear (mm)	1375/1300
PERFORMANCE	
Max. Speed (km/h)	83
Max. Grade Ability (%)	23
Approach Angle (°)	23
Departure Angle (°)	19
Parking Brake Grade Angle (%)	20
Min. Ground Clearance (mm)	237
Min. Steering Diameter (m)	15.7
Braking Distance (from 30km/h) (m)	≤10
Sliding Distance (from 50km/h) (m)	≥900
Fuel Consumption (L/100km)	33
Fuel Tank Capacity (L)	300

STRUCTURES

CAB	
Category	J5M/Flat roof/Semi-floating/RH/Luxury trim
Seat	2
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	320*90*8
Auxiliary Rail Section (mm)	
Suspension Type	Leaf spring
BODY	
Type	Concrete mixer
Baseboard thickness (mm)	-
Sideboard thickness (mm)	-
Dimension (mm)	8m³

CONFIGURATION

ENGINE	
Model	FAWDE CA6DL1-28
Type	6 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	7.7
Max Output Power (Kw/rpm)	206/2300
Max Torque (Nm/(r/min))	1100/1400-1600
Horsepower (Ps)	280
Emission Level	Euro II
TRANSMISSION	
Model	FAW CA9TB160M
Type	Direct gear/Synchronizer/Single countershaft
Forward Gear Ratio	i1=14.34; i2=10.04; i3=7.1; i4=5.05; i5=3.71; i6=2.7; i7=1.92; i8=1.36; i9=1
Reverse Gear Ratio	Ri1=14.36
CLUTCH	
Driven Plate Dia.	Φ430
Type	Pull type diaphragm clutch
STEERING	
Model	Q448
Type	Recycle ball-type power steering gear
Ratio	20.48
REAR AXLE	
Model	457 Punching welding-PX Axle (io=5.286)
Type	Single reduction/Rated load 13T/Max. output torque 40000Nm
Reduction Ratio	5.286
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	10.00R2016
Tire Rim	7.5-20
Tire Type	Radial/Inner tube

MISCELLANEOUS

Valve for whole vehicle (WABCO)	Maintenance-free batteries (Camel)
Clutch booster (WABCO)	Air-conditioner
Clutch (EATON)	Air suspension seat
All steel front panel	Power take-off



## Medium Duty Truck J6L

J6L, a good friend of the city, is responsible for operations such as road sweeping, garbage removal, snow removal, and sprinkling cleaning. The fixed speed "PTO" control technology is applied not only to improve the quality and efficiency of the operation, but also reduce the labour intensity of the driver, achieving a reliable performance and a longer life cycle.





PRODUCT INTRODUCTION



Cleaning sweeper



Dangerous goods transport vehicles



Refrigerator van



Cleaning vehicle

FEATURES AND BENEFITS

Easy Refitting

The chassis comes with a power take-off and control mechanism to facilitate various modifications according to different needs, such as compressed refuse collectors, truck cranes, dangerous goods transport vehicles, refrigerated vanss, cleaning vehicles and other SPVs.

Wide Applicability

Engine with a power range of 180-320PS and a variety of power selections are provided. Drive axle (9t, 11t, 13t) can be selected. The drive type is diversified including 4×2, 6×2, 6×4, 8×4.

Convenient Operation

The design of the control system such as the electronic hand throttle and the external control device outside the cab is user-friendly, and the convenience of use is greatly improved.

J6L SERIES

MODEL | CA5160P62K1L2E5 | 4×2 180HP Garbage Truck (LHD)

Recommend areas: Vietnam, etc.  
Running conditions: Inside city, Garbage transportation, etc.

PARAMETERS

MASS	
GVW (kg)	16000
Curb Weight of Chassis (kg)	11300
Payload (kg)	4700
Max. Axle Load Distribution (Front/Kg)	6000
Max. Axle Load Distribution (Rear/Kg)	10000
DIMENSIONS	
Length (mm)	8680
Width (mm)	2500
Height (mm)	3090
Wheel Base (mm)	3800/4500
Wheel Track Front /Rear (mm)	2050/1830
Overhang Front /Rear (mm)	1400/2200
PERFORMANCE	
Max. Speed (km/h)	90
Max. Grade Ability (%)	33
Approach Angle (°)	22
Departure Angle (°)	15
Parking Brake Grade Angle (%)	≥12
Min. Ground Clearance (mm)	240
Min. Steering Diameter (m)	18
Braking Distance (Full load at 60km/h) (m)	≤36.7
Sliding Distance (from 50km/h) (m)	> 1400
Fuel Consumption (L/100km)	20
Fuel Tank Capacity (L)	200

STRUCTURES

CAB	
Category	J6L/Flat roof/Semi-floating
Seat	2
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	237×75×(7+4)/270×75×(7+5)
Suspension Type	Leaf spring
BODY	
Type	Garbage Truck / Truck Mounted Crane
Baseboard thickness (mm)	-
Sideboard thickness (mm)	-
Dimension (mm)	12m³ / 8T Crane

OPTIONAL: FAW DEUTZ CA4DK1-22E5, FAST 8JS85E

CONFIGURATION

ENGINE	
Model	FAW DEUTZ CA4DK1-18E5
Type	4 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	4.764
Max Output Power (Kw/rpm)	136/2300
Max Torque (Nm/(r/min))	720/1200~1700
Horsepower (Ps)	180
Emission Level	Euro V
TRANSMISSION	
Model	FAW CA6T138
Type	Overdrive/Synchronizer/Single countershaft
Forward Gear Ratio	i1=7.285; i2=4.193; i3=2.485; i4=1.563; i5=1.000; i6=0.847
Reverse Gear Ratio	Ri1=6.777
CLUTCH	
Driven Plate Dia.	Φ380
Type	Pull type diaphragm clutch
STEERING	
Model	-
Type	Recycle ball-type power steering gear
Ratio	17.9
REAR AXLE	
Model	435 Punching welding-FAW (io=4.111)
Type	Single reduction/Rated load 13T/Max. output torque 30000Nm
Reduction Ratio	4.111
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	10.00R2016
Tire Rim	7.5-20
Tire Type	Radial/Inner tube

MISCELLANEOUS

Air-conditioner	Air suspension seat
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# Light Duty Truck **TIGER V**

Tiger V has a body of international standard design, a chassis of design, which can meet various modification needs, and a variety of power selections.





PRODUCT INTRODUCTION



Chassis of coach



Urban electric vehicle



Dangerous goods transport vehicles



Cleaning sweeper

FEATURES AND BENEFITS

Modified Vehicles Based on Tiger V Series

Can be modified for needs, such as mixer trucks, cleaning sweepers, dangerous goods transport vehicles, refuse collectors and other SPVs.

Mixer Trucks

The engine takes power and the tank capacity is 3-4 cubic meters, which is suitable for narrow road conditions and small construction projects.

Light Duty Coaches

Light duty coach chassis specially designed and developed for the customer to provide a capacity of 18-25 passengers.

Urban Electric Vehicle

Urban electric vehicle specially designed and developed for protecting the environment in the city, with relatively fewer running transmission components, energy recovery, high energy efficiency, low environmental pollution, low noise and low maintenance workload.

TIGER V SERIES

MODEL | CA5075GJBYA81 | 4×2 130HP Concrete Mixer Truck (LHD/RHD)

Recommend areas: Indonesia, Bangladesh, etc.

Running conditions: Inside city, Short distance transportation, Urban Construction, etc.

PARAMETERS	
MASS	
GVW (kg)	8000
Curb Weight of Chassis (kg)	3985
Payload (kg)	4015
Max. Axle Load Distribution (Front/Kg)	2600
Max. Axle Load Distribution (Rear/Kg)	6000
DIMENSIONS	
Length (mm)	6678
Width (mm)	2211
Height (mm)	3113
Wheel Base (mm)	3560
Wheel Track Front /Rear (mm)	1626/1600
Overhang Front /Rear (mm)	1200/1918
PERFORMANCE	
Max. Speed (km/h)	107
Max. Grade Ability (%)	30
Approach Angle (°)	30
Departure Angle (°)	14
Parking Brake Grade Angle (%)	18
Min. Ground Clearance (mm)	200
Min. Steering Diameter (m)	13.6
Braking Distance(from 30km/h) (m)	≤10
Sliding Distance(from 50km/h) (m)	≥1050
Fuel Consumption (L/100km)	15
Fuel Tank Capacity (L)	80

STRUCTURES	
CAB	
Category	Tiger VH/Flat roof/Single row/RH
Seat	3
FRAME	
Structures	Side rails/punching/riveted
Main Rail Section (mm)	216*75*6
Suspension Type	Leaf spring
BODY	
Type	Concrete mixer/Bus Chassis/Garbage Sweeper
Baseboard thickness (mm)	-
Sideboard thickness (mm)	-
Dimension (mm)	Optional 3/4 m³

CONFIGURATION	
ENGINE	
Model	YUCHAI YC4D130-33
Type	4 in-line/Water-cooling/Four stroke/Inter-cooling/ Direct injection
Displacement (L)	4.214
Max Output Power (Kw/rpm)	96/2800
Max Torque (Nm/(r/min))	380/1400-1700
Horsepower (Ps)	130
Emission Level	Euro II
TRANSMISSION	
Model	WLY 5T46
Type	Direct gear/Synchronizer/Twin countershaft
Forward Gear Ratio	i1=7.312; i2=4.311; i3=2.447; i4=1.535; i5=1
Reverse Gear Ratio	Ri1=6.972
CLUTCH	
Driven Plate Dia.	Φ350
Type	Pull type diaphragm clutch
STEERING	
Model	D9066
Type	Recycle ball-type power steering gear
Ratio	20.42
REAR AXLE	
Model	1068 Punching welding (io=4.875)
Type	Single reduction/Rated load 5T/Max. output torque 11000Nm
Reduction Ratio	4.875
BRAKE	
Driving Brake	Dual circuit air braking system
Parking Brake	Manual valve spring cylinder storage brake
Auxiliary Brake	Exhaust brake
WHEEL	
Tire Model	7.50R1614
Tire Rim	6.5-16
Tire Type	Radial/Inner tube

MISCELLANEOUS	
Maintenance-free batteries (Camel)	Air-conditioner
Operating soft shaft (TUTHILL)	Power take-off

OPTIONAL: WLY 6T115, 1080 AXLE, 8.25R16 14 TIRE





# 04

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# CONTACT US

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