

# Shanxi Dayun Automobile Manufacture Co.,Ltd

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DAYUN HEAVY TRUCKS

## TRACTOR TRUCKS

### CGC4180

#### Product Description

The CGC4180 series tractor truck, driven model: 4\*2, can be equipped with 270 hps to 380hps EGR WEICHAI engine. With 9 or 12 gearshift China FAST gearbox and Hande axles, the truck can meet long haulage cargo truck transport at very low cost on fuel and maintenance. The driver cab, design under ergonomia engineering, makes the driving a very pleasure experience. Common rail fuel supply and EGR aftertreatment meet most environmental standard.

#### Picture



Length x width x height	5985×2490×3410 mm
Wheelbase	3500 mm
Front/ Rear wheel track	2037/1860 mm
Front/ Rear suspension	1430 mm/1055 mm
Total weight/Gross combination weight	18000 kg
Curb weight / Gross vehicle weight	7370 kg
Rate tracting weight	34435 kg
Seat	3
Max.speed	≤90 km/h
Max.gradient	≤30%
Mini.turning radius	15 m
Mini.ground clearance	261.5 mm
Approaching/leaving angle	16°/42°
<b>Engine specification</b>	
Model (standard)	WP10.290, in-line, 6 cylinder , ECU common- rail
Rate power	213kw (290hp) at 2200r/min
Max.torque	1160N.m at 1200-1600r/min
Emission standard	Euro III
Displacement	9.726 Litre
<b>Transmission specification</b>	
Gearbox	9JS135B
Clutch	DSP430
Steer/ ratio	D50 hydraulically power steer
Front Solo axle	drum brake, 7.5 Ton
Rear axle	13 Ton 485 type, Main reduction ratio 4.111
Front/Rear suspension	steyr suspension
Driving model	4x2
Brake system	Compressed air drum brake
transmission shaft	1
Tyre	11.00R20
Fuel tank	350Litre
Safety optional	CAF ABS system
Battery	24V,180Amp/h
<b>Cab specification</b>	
Cab	high top
Air conditioner	Optional
Cab upholstery	fibre glass , textile
Seat	1+1
Sleep	double beds
Body colour	Red/ blue,yellow,green,silver,black optional
Optional	side cover, central control station,power mirror.

## CGC4220

### Product Description

The CGC4220 series truck is driven as 6\*2, which is equipped with 270 hps to 380hps WEICHAI EGR engine. With 9 or 12 China FAST gearshift gearbox and Hande axles, the truck can meet long haulage cargo truck transport at very low cost on fuel and maintenance. The driver cab, design under ergonomia engineering, makes the driving a very pleasure experience. Common rail fuel supply and EGR aftertreatment meet most environmental standard.

### Picture



Length x width x height	6790×2490×3515 mm
Wheelbase	1800+2500 mm
Front/ Rear wheel track	2037/2037/1860 mm
Front/ Rear suspension	1430/1000 mm
Frame	280×80×(8+5)mm
Total weight/Gross combination weight	22000 kg
Curb weight / Gross vehicle weight	7985 kg
Rate tracting weight	34080 kg
Seat	2
Max.speed	≤90 km/h
Max.gradient	≤30%
Mini.turning radius	15 m
Mini.ground clearance	270mm
Approaching/leaving angle	19.4°/46.5°
<b>Engine specification</b>	
Model (standard)	WP10.336N, in-line, 6 cylinder , ECU common- rail
Rate power	247kw (336hp)@ 1900r/min
Max.torque	1500N.m @1350-1500r/min
Emission standard	Euro III
Displacement	9.726 Litre
<b>Transmission specification</b>	
Gearbox	12JSD160TA, 12 gears
Clutch	DSP430BAOH film spring
Steer/ ratio	D50-3411010 hydraulically steered 23:1
Front Solo axle	Forged I-beam , drum brake, 7.5 Ton
Rear axle	16 Ton, Main reduction ratio 4.42
Front/Rear suspension	Portrait positioned steel plate with stabilization
Driven model	6x2
Brake system	Compressed air drum brake
Tyre	11.00R20,
Fuel tank	300 Litre
Battery	24V,180Amp/h
Optional accessory	ABS.GPS,Rearview radar, rim cover, Key starter
<b>Cab specificatin</b>	
Cab	high top
Air conditioner	Cool/Heat power: 4.6kw /6.5kw
Cab upholstery	fibre glass, ABS, textile
Seat	1+1
Sleep	double beds
Body colour	Red/blue,yellow,green,silver,black optional.

## CGC4251

### Product Description

The CGC4251 series tractor truck can equip with 270 hps to 380hps WEICHAI EGR engine. With 9 or 12 China FAST gearshift gearbox and Hande axles, the truck can meet long haulage cargo truck transport at very low cost on fuel and maintenance. The driver cab, design under ergonomia engineering, makes the driving a very pleasure experience. Common rail fuel supply and EGR aftertreatment meet most environmental standard.

### Picture



Length x width x height	6855×2490×3515 mm
Wheelbase	3200+1350 mm
Front/ Rear wheel track	2037/1860 mm
Front/ Rear suspension	1430/875 mm
Total weight/Gross combination weight	25000 kg
Curb weight / Gross vehicle weight	8840 kg
Rate tracting weight	40000 kg
Seat	2+1
Max.speed	≤90km/h
Max.gradient	≤30%
Mini.turning radius	15 m
Mini.ground clearance	270 mm
Approaching/leaving angle	18°/50°
<b>Engine specification</b>	
Model	WP10.336N, in-line, 6 cylinder , ECU common- rail
Rate power (standard)	247kw (336hp) at 1900r/min
Max.torque	1500N.m at 1350-1500r/min
Emission standard	Euro III
Displacement	9.726 Litre
<b>Transmission specification</b>	
Gearbox	12JSD160TA
Clutch	DSP430BAOH film spring
Steer/ ratio	D50-3411010 hydraulically steered / 23:1
Front Solo axle	I beam, drum brake, 7.5 Ton
Rear Tandem axle	Hande bridge, 13 Ton, Main reduction ratio 4.42
Front/Rear suspension	Portrait positioned, with stabilization lever steyr suspension
Brake system	Compressed air drum brake
Driving axle	2
Driving model	6x4
Tyre	11.00R20
Fuel tank	350 Litre
Battery	24V,180Amp/h
Optional accessory	ABS,GPS,Rearview radar, rim cover, Key start
<b>Cab specification</b>	
Cab	High top
Air conditioner	Cool/Heat power: 4.6kw /6.5kw(optional)
Cab upholstery	fibre glass
Seat	1+1
Sleep	double beds
Body colour	silver/Red, blue,yellow,green,black optional
Optional accessory	side air deflector, central control station,power



## DUMP TRUCKS

### DYX3250

#### Product Description

The DYX3250 series dump truck, driven model: 6\*4, are equipped with 270 hps to 380hps weichai EGR engine. With 9 or 12 gearshift gearbox and Hande axles, the truck can meet most rough road condition, such as coal mine, engineering project and other cargo truck transport at very low cost on fuel and maintenance. The driver cab, design under ergonomia engineering, makes the driving a very pleasure experience. Common rail fuel supply and EGR aftertreatment meet most environmental standard.

#### Picture



Length x width x height	8435×2490×3490 mm
Wheelbase	3800+1350 mm
Front / Rear wheel track	2037/1860 mm
Front /Rear suspension	1430/1855 mm
Container dimension	5800×2300×1150 mm
Frame	300(8+7)mm
Total weight/Gross combination weight	25000 kg
Curb weight / Gross vehicle weight	12185 kg
Cargo load weight	12815 kg
Seat	2
Max.speed	≤75
Max.gradient	≤45%
Mini.turning radius	22 m
Mini.ground clearance	270 mm
Approaching/leaving angle	32°/30°
<b>Engine specification</b>	
Model	WP10.290 in-line, 6 cylinder , ECU common- rail technology
Rate power( standard)	213kw (290hp) at 2200 r/min
Max.torque	1160N.m@ 1200-1600 r/min
Emission standard	Euro III
Displacement	9.726 Litre
<b>Transmission specification</b>	
Gearbox	9JS135+QH70, manual gearbox with 9 gears
Clutch	film spring
Inter-cooler	up intake/out
Steer /ratio	hydraulically power steered
Front Solo axle	I-beam, drum brake, 7.5 Ton
Rear Tandem axle	13 Ton, Main reduction ratio 5.73
Front/Rear suspension	Portrait positioned parabolic steel plate springs
Driven model	6x4
Brake system	Compressed air drum brake
tyre	11.00R20
Fuel tank	300 Litre
Battery	24V,180Amp/h
<b>Cab specification</b>	
Cab	Flat top,manual control glass,rearview mirror,without central control station
Air conditioner	Manual/Automatic control
Upholstery	Fibre glass, textile/
Seat	1+1
Bed	No.
Body Color	Orange/Red, blue,green,silver,black optional

## DYX3311

### Product Description

The DYX3311series dump truck, driven model: 8\*4, are equipped with 270 hps to 380hps weichai EGR engine. With 9 or 12 gearshift gearbox and Hande axles, the truck can meet most rough road condition, such as coal mine, engineering project and other cargo truck transport at very low cost on fuel and maintenance. The driver cab, design under ergonomia engineering, makes the driving a very pleasure experience. Common rail fuel supply and EGR aftertreatment meet most environmental standard.

### Picture



Length x width x height	9780×2490×3270 mm
Wheelbase	1800+4200+1350 mm
Front/ Rear wheel track	2037/1860 mm
Front /Rear suspension	1430/1000 mm
Frame	300+80+(8+5)mm
Total weight/Gross combination weight	31000 kg
Curb weight / Gross vehicle weight	15120 kg
Rate load	15750 kg
Seat	2
Max.speed	≤110km/h
Max.gradient	≤45%
Mini.turning radius	≤22m
Mini.ground clearance	260mm
Approaching/leaving angle	24°/46°

### Engine specification

Model	WP10.336N, in-line, 6 cylinder , ECU common- rail
Rate power	247kw(336hp) at 1900r/m
Max.torque	1500N.m @ 1300-1500r/m
Emission standard	Euro III
Displacement	9.726 Litre

### Transmission specification

Gearbox	9JS150+QH70 with ex-speed gear
Clutch	DSP430BAOH
Steer/ ratio	D50-3411010 hydraulically power steer
Front Solo axle	Twin I-beams, drum brake, 7.5 Ton
Rear Tandem axle	13 Ton, Main reduction ratio 5.73, hub-reduction
Front/Rear suspension	Portrait positioned parabolic steel plate springs with stabilization lever
	4 U locked parabolic steel plate springs

Driven model	8x4
Brake system	Compressed air drum brake
Driving axle	4
Tyre	11.00R20
Fuel tank	400 Litre
Battery	24V,180Amp/h

### Cab specification

Cab	Flat top,manual control glass,rearview mirror, without central control station
Air conditioner	cool/heat 4.6kw/6.5kw , manual control.
Cab upholstery	fibre glass, ABS, textile
Seat	1+1
Sleep	single
Body colour	Yellow/ Red, blue,green,silver,black optional



## LIGHT DUMP TRUCKS

### CGC3041

#### Product Description

DAYUN light dump truck/tipper loading between 3 tons to 16 tons. Dayun is one truck chassis manufacturer. China well-known trademark

#### Picture



Length x width x height	5965× 2200× 2450 mm
Wheelbase	3400mm
Front / Rear wheel track	1770/1640 mm
Front /Rear suspension	1185/1380 mm
Container dimension	3760× 2100× 800 mm
Total weight/Gross combination weight	4270kg
Curb weight / Gross vehicle weight	2580 kg
Cargo load weight	1490 kg
Seat	3
Max. speed	≤ 80
Max. gradient	≤ 40%
Mini. turning radius	12m
Approaching/leaving angle	30° /20°
<b>Engine specification</b>	
Model	YN33CR in-line, 4 cylinder 3298ml
Rate power( standard)	80kw (110hp)
Emission standard	Euro II
Displacement	3.298 Litre
Driven model	4x2
Brake system	Air brake
tyre	7.50-16
Fuel tank	90 Litre
Battery	24V, 180Amp/h
<b>Cab specification</b>	
Seat	1+2
Bed	1
Body Color	Red, blue,yellow,green,silver,black optional

## CGC3060

### Product Description

DAYUN light dump truck loading between 3 tons to 16 tons. Dayun is one truck chassis manufacturer. China well-known trademark

### Picture



Length x width x height	6480× 2320× 2600 mm
Wheelbase	3700mm
Front / Rear wheel track	1750/1640 mm
Front /Rear suspension	1115/1665 mm
Container dimension	4200× 2100× 800 mm
Total weight/Gross combination weight	5550kg
Curb weight / Gross vehicle weight	1995kg
Cargo load weight	3360kg
Seat	3
Max. speed	≤ 80
Max. gradient	≤ 40%
Mini. turning radius	14m
Approaching/leaving angle	30° /20°
<b>Engine specification</b>	
Model	YC4E140-33 in-line, 4 cylinder 4260ml
Rate power( standard)	105kw (140hp)
Emission standard	Euro II
Displacement	4.26 Litre
Driven model	4x2
Brake system	Air brake
tyre	8.25-16
Battery	24V, 180Amp/h
<b>Cab specification</b>	
Seat	1+2
Bed	1
Body Color	blue/Red, yellow,green,silver,black optional

## Cargo Truck

### CGC1311

#### Product Description

The CGC series truck, driven model 8\*4, is equipped with 270 hps to 380hps weichai EGR engine. With 9 or 12 gearshift gearbox and Hande axles, the truck can meet long haulage cargo truck transport at very low cost on fuel and maintenance. The driver cab, design under ergonomia engineering, makes the driving a very pleasure experience. Common rail fuel supply and EGR aftertreatment meet most environmental standard.

#### Picture



Length x width x height	11990×2490×3490 mm
Wheelbase	1800+4600+1350 mm
Front/ Rear wheel track	2037/1860 mm
Front /Rear suspension	1430/2600 mm
Total weight/Gross combination weight	31000 kg
Curb weight / Gross vehicle weight	14110 kg
Rate tracting weight	16760 kg
Seat	2
Max.speed	≤115 km/h
Max.gradient	≤30%
Mini.turning radius	24 m
Mini.ground clearance	260 mm
Approaching/leaving angle	18°/16°
<b>Engine specification</b>	
Model	WP10.270EGR , in-line, 6 cylinder , ECU common-
Rate power	199kw (270hp) at 2200r/min
Max.torque	1100N.m at 1200~1600r/min
Emission standard	Euro III
Displacement	9.726 Litre
<b>Transmission specification</b>	
Gearbox	9JS119A
Clutch	DSP430BAOH
Steer/ ratio	D50 hydraulically power steered
Front Solo axle	I-beam, drum brake, 7.5 Ton, MAN technology
Rear axle	13 Ton, 457 type, Main reduction ratio 4.444
Front/Rear suspension	Portrait positioned parabolic steel plate spring, with stabilization lever steyr suspension
Brake system	Compressed air drum brake
Driving axle	4
Driven model	8x4
Tyre	11.00R20
Fuel tank	400 Litre
Battery	24V,180Amp/h
Optional accessory	ABS.GPS,Rearview radar, rim cover
<b>Cab specification</b>	
Cab	Flat top
Air conditioner	optional
Cab upholstery	fibre glass, textile
Seat	1+1
Sleep	double beds
Body colour	Red/ blue,yellow,green,silver,black optional



## DYX5310

### Product Description

The DYX5310 series cargo truck, driven model 8\*4, is equipped with 270 hps to 380hps weichai EGR engine. With 9 or 12 gearshift gearbox and Hande axles, the truck can meet long haulage cargo truck transport at very low cost on fuel and maintenance. The driver cab, design under ergonomia engineering, makes the driving a very pleasure experience. Common rail fuel supply and EGR aftertreatment meet most environmental standard.

### Picture



Length x width x height	11780×2490×2980 mm
Wheelbase	1800+4600+1350 mm
Front/ Rear wheel track	2037/1860 mm
Front /Rear suspension	1430/2600 mm
Total weight/Gross combination weight	31000 kg
Curb weight / Gross vehicle weight	14110 kg
Rate tracting weight	16760 kg
Seat	2
Max.speed	≤115 km/h
Max.gradient	≤30%
Mini.turning radius	24 m
Mini.ground clearance	260 mm
Approaching/leaving angle	18°/16°
<b>Engine specification</b>	
Model	WP10.270EGR , in-line, 6 cylinder , ECU common-
Rate power	199kw (270hp) at 2200r/min
Max.torque	1100N.m at 1200~1600r/min
Emission standard	Euro III
Displacement	9.726 Litre
<b>Transmission specification</b>	
Gearbox	9JS119A
Clutch	DSP430BAOH film spring
Steer/ ratio	D50-3411010 hydraulically power steered
Front Solo axle	I-beam, drum brake, 7.5 Ton, MAN technology
Rear axle	13 Ton, 457 type, Main reduction ratio 4.444
Front/Rear suspension	Portrait positioned parabolic steel plate spring, with stabilization lever steyr suspension
Brake system	Compressed air drum brake
Driving axle	4
Driven model	8x4
Tyre	11.00R20
Fuel tank	400 Litre
Battery	24V,180Amp/h
Optional accessory	ABS.GPS,Rearview radar, rim cover
<b>Cab specification</b>	
Cab	High top
Air conditioner	optional
Cab upholstery	fibre glass, textile
Seat	1+1
Sleep	double beds
Body colour	light blue/Red, yellow,green,silver,black optional



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## DAYUN SPECIAL HEAVY TRUCKS

### DYX5251 Product Description

### 6\*4 Cement Mixer Truck Picture

DAYUN Cement mixer truck is dayun brand truck chassis, it can build **9, 12, 14 cubic meters mixer tank**. EATON, Bonfiglioli Riduttori, ARK, ZF mixer parts including Hydraulic motor, reducer, oil pump.



Model	DYX5251	Brand	DAYUN
Chassis Model	CGC3250PA38WPD3G	Engine Model	WP10.380
Transmission	12JS160TA, FAST Brand, Eaton technique	Transmission Type	12 Front gears, 2 Reverse gears 1600N. m Synchronizer
Emissions	Euro II	Engine Power	380HP, 280KW
Engine Capacity	9.726L	Engine Manufacturers	Weichai Power Co., Ltd.
Total Weight	25000KG	Net Weight	12115KG
Wheelbase	3800+1350mm	Front/rear Hanging	1430/1655 1430/1855
Max Speed	85KM/H	Spring Leaf	9/12
Tire Size	12.00-20	Approach angle	32/30
Front Axle	MAN, 7.5T	Departure angle	
ABS	No	Real Axle	16TX2, Styre, Steel Hub reduction
Power Steering	Yes	Engine Braking	Yes
Exhaust Braking	Yes	Clutch Booster	Yes
Electric Windows	Yes	Air-condition	Yes
Electric Door	Yes	Electric Rearview Mirror	Yes
Reducer	EATON or ZF	Tanker	10, 12, 14 cubic meters
Truck oversize	8235× 2490× 3270mm	Fuel Tank	300L
Hydraulic Pump	ARK brand	Delivery Time	less 30 days

DYX5311  
Product Description

8x4 Cement Mixer Truck  
Picture

DAYUN 8X4 cement mixer truck, Max. 18 cbm.



Model	DYX5311	Brand	DAYUN
Chassis Model	CGC3310PA38WPD3G	Engine Model	WP10.380
Transmission	12JS160TA, FAST Brand, Eaton technique	Transmission Type	12 Front gears, 2 Reverse gears 1600N. m Synchronizer
Emissions	Euro II	Engine Power	380HP, 280KW
Engine Capacity	9.726L	Engine Manufacturers	Weichai Power Co., Ltd.
Total Weight	31000KG	Net Weight	14115KG
Wheelbase	1950+3800+1350mm	Front/rear Hanging	1430/1655 1430/1855
Max Speed	85KM/H	Spring Leaf	9/12
Tire Size	12.00-20	Approach angle	32/30
Front Axle	MAN, 7.5TX2	Departure angle	
ABS	No	Real Axle	16TX2, Styre, Steel Hub reduction
Power Steering	Yes	Engine Braking	Yes
Exhaust Braking	Yes	Clutch Booster	Yes
Electric Windows	Yes	Air-condition	Yes
Electric Door		Electric Rearview Mirror	Yes
Reducer	EATON or ZF	Tanker	10, 12, 14, 16 cubic meters
Truck oversize	10235× 2490× 3470mm	Fuel Tank	300L
Hydraulic Pump	ARK brand	Delivery Time	less 30 days

DYX5250GS  
Product Description

DAYUN water truck, 6x4 drive model, 12 cubic meters water tank. Sprinkler, road-sprinkler, sprinkling truck, watering truck, 25000L

Water Truck  
Picture



Model	DYX5250GS
Chassis Model	CGC3250
Transmission	9JS135, FAST Brand, Eaton technique
Emissions	Euro II
Engine Capacity	9.726L
Total Weight	25000KG
Wheelbase	3800+1350mm
Max Speed	85KM/H
Tire Size	12.00-20
Front Axle	MAN, 7.5T
ABS	No
Power Steering	Yes
Exhaust Braking	Yes
Electric Windows	Yes
Electric Door	
Reducer	EATON or ZF
Truck oversize	9150× 2490× 3310mm

Brand	DAYUN
Engine Model	WP10.290
Transmission Type	9 Front gears, 1 Reverse gears 1350N. m Synchronizer
Engine Power	290HP, 213KW
Engine Manufacturers	Weichai Power Co., Ltd.
Net Weight	12115KG
Front/rear Hanging	1430/1655 1430/1855
Spring Leaf	9/12
Approach angle	32/30
Departure angle	
Rear Axle	16TX2, Styre, Steel Hub reduction
Engine Braking	Yes
Clutch Booster	Yes
Air-condition	Yes
Electric Rearview Mirror	Yes
Tanker	10, 12, 14 cubic meters
Fuel Tank	300L

DYX3251PA38WPD3G-14F7BK8AD  
Product Description

U Container Dump Truck  
Picture

DAYUN Dump Truck DYX3250 Series.



Model	DYX3251	Brand	DAYUN
Chassis Model	CGC3250	Engine Model	WP10.380EGR
Transmission	12JS160T+QH70, FAST Brand, Eaton technique	Transmission Type	12 Front gears, 2 Reverse gears
Emissions	Euro II	Engine Power	1600N. m Synchronizer
Engine Capacity	9.726L	Engine Manufacturers	380HP, 279KW Weichai Power Co., Ltd.
Total Weight	25000KG	Net Weight	12115KG
Wheelbase	3800+1350mm	Front/rear Hanging	1430/1655
Max Speed	>75KM/H	Spring Leaf	9/12
Tire Size	13R22.5	Approach angle	24/27
Front Axle	MAN, 7.5T	Departure angle	
ABS	No	Real Axle	16TX2, Styre, Main reduction ratio 5.73, Steel Hub reduction
Power Steering	Yes	Engine Braking	Yes
Exhaust Braking	Yes	Clutch Booster	Yes
Electric Windows	Yes	Air-condition	Yes
Electric Door		Electric Rearview Mirror	Yes
Reducer	EATON or ZF	Tanker	
Truck oversize	8235× 2496× 3490mm	Fuel Tank	300L

Dump Truck with "U" Container----DYX3250 Series



Other Models

Trucks with GAS ENGINE



RIGHT DRIVING TRUCKS



## DAYUN TRUCK SPARE PARTS

### Cab

#### Product Description

The cab's suspension is entirely separated from the chassis suspension so as to provide good comfort. The cab can be tilted forward 55° To provide perfect access to the engine and gearbox. Nest-like structure enhances the performance when crash occurs. The driver can be protected with this strengthened steel plates.



### Frame

#### Product Description

Dayun truck rigid frames are riveted with uniform cross section, high torque-resistance steel plate. Longeron and beam are strengthened with two plates on both sides. All in all, such rigid frame fully meets the requirement of heavy load and severity road condition.



### Rear Balance Lever

#### Product Description

Six rear balance levers together with the parabolic suspension remarkably improve the truck performance on uneven road, lowering the risk of rolling over from incline side.



### Driving Axle

#### Product Description

20 years, tens of thousands drivers' choice, Steyr technology has proved to be one of the most mature platforms, that is why Dayun chooses HanDe chassis. There are solo axles with single reduction or hub-reduction alternative. Tandem driving axles are available for special purpose vehicles. The material of driving axle housing of Dayun truck is strengthened by special heat-treatment, which increases the resistance to bending of the axle by 30%. Even in the situation of overload on uneven road conditions, the axle can run normally.



## Gearbox

Dayun truck gearbox comes from the renowned gearbox brand **FAST**. Combined the **American Eaton technology and Chinese innovation**, the gearbox perfectly gears to the Dayun trucks. Advanced design, smart structure make the gearbox lighter in weight, preciser to maneuverer, easier to maintain.



### Structure Characteristics:

1) adopt combined design of main and auxiliary cases. Pneumatic control is adopted in auxiliary case, unique structure and advanced design.

2) Twin-countershaft power transfer in the two cases, main shaft and gears on it are floating, there are no traditional needle bearings, large load capacity.

3) Double H operating mechanism is adopted; You can choose single or double-lever control, left control, right control or two-way control.

4) Frontfull-power PTOs and side PTOs, bottom PTOs and rear PTOs can be equipped.

5) We can install clutch housings or release devices according to customers demands.

6) Short axial dimension, light weight, reliable quality, convenient to maintenance

This series of transmissions are applicable for carrying trucks, dumpers, cross-country vehicles, tractors, cranes, m



## Product Description

## Engine

Dayun trucks are equipped with **Landking (Euro II)** series Diesel Engines. Researched and developed independently by Weichai and AVL and co-designed with international parts supplier, Landking is a flagship product designed with the frontline science and technology of internal combustion engine. As the most mature and reliable **Euro III** engine, it is capable of **Euro IV, V emission standard**. Landking Euro (II) N series Diesel Engines bring the rated speed down to **1900rpm**, which leads to a great technical breakthrough reaching international leading level in the economy, power, reliability, comfort etc. **Landking (Euro III)** N series engines now include WP10N\WP12N etc., which cover a power range from **240 HP to 480 HP**.



## Product Description



## Appendix 1 Gearbox Parameters

Models	Torque(N*m)	Power(kw)	Gear Ratios										Weight(Kg)	Oiling(L)
			1	2	3	4	5	6	7	8	9	RL		
9JS135	1350	243	12.11	8.08	5.93	4.42	3.36	2.41	1.76	1.32	1.00	12.66	270	12.5
9JS135A	1350	243	11.02	6.55	4.64	3.36	2.46	1.95	1.38	1.00	0.73	11.52	270	12.5
9JS135B	1350	243	11.02	6.55	4.64	3.36	2.46	1.95	1.38	1.00	0.81	11.52	270	12.5

Models	Power (Kw)	Torque(N*m)	Gear Ratios														Weight (Kg)	Capacity (L)
			1	2	3	4	5	6	7	8	9	10	11	12	R1	R2		
12JS160T	285	1600	15.53	12.08	9.39	7.33	5.73	4.46	3.48	2.71	2.10	1.64	1.28	1.00	14.86	3.33	350	14.5
12JS160TA	285	1600	12.10	9.41	7.31	5.71	4.46	3.48	2.71	2.11	1.64	1.28	1.00	0.78	11.56	2.59	350	14.5
12JS180T	331	1800	15.53	12.08	9.39	7.33	5.73	4.46	3.48	2.71	2.10	1.64	1.28	1.00	14.86	3.33	350	14.5
12JS180TA	331	1800	12.10	9.41	7.31	5.71	4.46	3.48	2.71	2.11	1.64	1.28	1.00	0.78	11.56	2.59	350	14.5
12JS200T	355	2000	15.53	12.08	9.39	7.33	5.73	4.46	3.48	2.71	2.10	1.64	1.28	1.00	14.86	3.33	350	14.5
12JS200TA	355	2000	12.10	9.41	7.31	5.71	4.46	3.48	2.71	2.11	1.64	1.28	1.00	0.78	11.56	2.59	350	14.5
12JS240T	400	2400	15.53	12.08	9.39	7.33	5.73	4.46	3.48	2.71	2.10	1.64	1.28	1.00	14.86	3.33	350	14.5
12JS240TA	400	2400	12.10	9.41	7.31	5.71	4.46	3.48	2.71	2.11	1.64	1.28	1.00	0.78	11.56	2.59	350	14.5

## Appendix 2 Engine Parameters

Model List for WD615 Series Truck Diesel Engine											
WD615 Series Truck Diesel Engine											
Model	WD615.58	WD615.56	WD615.50	WD615.50	WD615.46	WD615.44	WD615.44	WD615.38	WD615.34	WD615.31	WD615.30
Bore/stroke(mm)	126×130										
Displacement(L)	9.726										
(kW)	176-240	193-262	206-280	213-290	266-360	243-330	235-320	280-380	250-340	228-310	221-300
Rated output	0	2	0	0	0	0	0	0	0	0	0
(r/min)	2200										
Rated speed	2200	2200	2200	2200	2200	2200	2200	2400	2200	2200	2200
(Nm)	1000										
Peak torque	1000	1100	1160	1160	1460	1250	1250	1460	1350	1160	1160
(r/min)	1300-1600		1100-1600		1400-1600			1100-1600			
Peak torque/speed	1300-1600		1100-1600		1400-1600			1100-1600			
(g/kw*h)	≤198										
Min fuel consumption	≤198										
(kg)Net weight	875										
Emission	Euro II										
size(mm)	1566×582×1024										