KEE HING CHEUNG KEE CO., LTD.

DLFTZ CHANG HING KEE

INT'L INDUSTRY & TRADE CO., LTD.

Loading & Bulldozer Machinery

Content

Bulldozer Series

XG-KDS140B Wet-Land Crawler Bulldozer

Brief Introduction

· High-performance 6135AK-10 diesel engine with high torque rise features new suspension and stretch support structure for reducing vibration.

· Bevel and column gear torque divider and transmission, 5-speed forward and 4-speed reverse double-lever mechanical operation and coupling sleeve shift for high efficiency and low noise.

·Constant opening and hydraulically driving main-clutch with wet-type multi-disc friction plates and constant meshing hydraulic steering clutch with wet-type multi-disc friction plates reduce operator fatigue.

· Final drive with two-stage and straight gear for higher traction.

· With wide-surface and triangle track shoes, the ground pressure gets less, which makes the machibe suitably being applied to work in the wet land areas.

· Adopting the optimizedly-designed straight blade and L-type pushing-arm, so as with more strong pushing force.

· Hydraulic pilot control for low effort, cylinders in the front place for reducing system pressure. Control valve outside the oil tank enlarges the tank capacity, improves radiation and heightens the hydraulic system reliability.

· Hexahedral cab and fully enclosed hood feature excellent shape, good visibility and easy maintenance.

· Win the luxurious cab are rationally-located control levers, Grammer operator seat and non-freon air-conditioner, which is featured in people-oriented designing and provides a comfortable working environment for operator.

· Reasonable center of gravity and stable configurations allow excellent cushioning between the main frame and undercarriage.

· Adoting the automatic tensioning system of track shoes and automatic oil-filling system effectively reduces the operator fatigue.

· It is optional to equip the garbage-pushing blade and hydraulic winch to make the machine satisfy different working demand.

Main Technical Specification

Items	Parameter	Unit
Engine model	6135AK-10	
Rated power	103	KW
Max. traction force	123	kN
Ground pressure	0.028	MPa
Gradient angle (vertical/horizontal)	30/25	°
Width of track shoe	1060	mm
Operating weight	19000	kg
Contour dimension		
L×W×H	5445×4000×3150	mm
Travelling speed	Forward 5 gears 2.72-14.46	km/h
	Reverse 4 gears 3.81-11.37	km/h
Blade width×height	4000×932	mm
Max. blade cutting depth	400	mm
Max. blade raising height	1020	mm
Max.bulldozing force	24	N
Min. ground clearance	450	mm

XG-KDT140B Crawler Bulldozer

Brief Introduction

·High-performance 6135AK-10 diesel engine with high torque rise features new suspension and stretch support structure for reducing vibration.

· Bevel and column gear torque divider and transmission, 5-speed forward and 4-speed reverse double-lever mechanical operation and coupling sleeve shift for high efficiency and low noise.

· Constant opening and hydraulically driving main-clutch with wet-type multi-disc friction plates and constant meshing hydraulic steering clutch with wet-type multi-disc friction plates reduce operator fatigue.

· Final drive with two-stage and straight gear for higher traction.

· Hydraulic pilot control for low effort, cylinders in the front place for reducing system pressure. Control valve outside the oil tank enlarges the tank capacity, improves radiation and heightens the hydraulic system reliability.

· Hexahedral cab and fully enclosed hood feature excellent shape, good visibility and easy maintenance.

· Reasonable center of gravity and stable configurations allow excellent cushioning between the main frame and undercarriage.

· Optional automatic oil-filling system, automatic tensioning system of track shoes, non-freon air conditione, straight blade, hydraulic winch, etc.

Main Technical Specification

Items	Parameter	unit
Engine model	6135AK-10	
Rated power	103	KW
Max. traction force	141	kN
Ground pressure	0.068	MPa
Gradient(Vertical/Horizontal)	30/25	°
Width of track shoe	500	mm
Operating weight	17800	kg
Contour dimension		
When blade with ripper（L×W×H）	6380×3762×3118	mm
Travelling speeds	Forward 5 gears 25-10.61	km/h
	Reverse 4 gears 3.53-10.53	km/h
Main parameter of blade Type：Hydraulic raising & adjustable blade		
Blade width×Height	3762×1040	mm
Max. blade cutting depth	400	mm
Max. blade raising height	1020	mm
Ripping angle	50	°
Max. ripping depth	550	mm
Max.ripper lifting height	510	mm

XG-KTY230 Crawler bulldozer

Introduction

· Powerful and high performance turbo-charged Cummins engine is equipped with smaller fuel consumption and lower noise. Tri-points spring form mounting support.

.Single stage, single phase three elements converter, multi-disk coupling, plantary transmission of hydraulic and force lubrication. reliability and excellent performance.

· Undercarriage adopts sheer pendulous and equalizer bar semi-rigid suspension structure, having good damping action in high speed, smooth moving and comfortable operating.

· Pilot control and servo-controlled hydraulic system that is of high pressure and large flow makes flexible and correct operation.

· FOPS & ROPS hexagonal-cone cab steel sealed and equipped with electric scour device. Sight is excellent

· Advanced Electronic Monitoring system and acoustic-optical alarm ensure the overall at a marvelous stage, making ease inspection and maintenance.

· Outline design is good. Grounding pressure is low with good stability. Operation and maintenance are easy and convenient.

· Ripper, shover and various dozers can be selected for different job occasions.

XG-KTY230 Crawler bulldozer main specification		
Description	Parameter	Unit
Engine model	NT855-C280	
Rated power	169	KW
Max. traction	201	kN
Grounding pressure	0.076	MPa
Gradability	30	°
Track axle base	2000	mm
Operating weight	24300	kg
Blade width	3725	mm
Blade height	1390	mm
Blade Max.cutting depth	540	mm
Blade Max.lifting height	1210	mm
Max.tilting range	735	mm
Ripper Max.ripping depth	665	mm
Ripper Max. lifting height	555	mm
Max.forward speed	11.3	km/h
Max.reverse speed	13.6	km/h
LXWXH（strait blade,cab）（with ripper,ROPS）	5459×3725×3380 6790×3725×3472	mm

SHPP-KPD165Y-165HP (122KW)

Efficient and Economic

Strong traction and low fuel consumption
High efficient in hydraulic mechanical transmission system
Excellent function in operation system

Comfortable Driving Operation

Hexagon cab, excellent in shockproof, wide in eyeshot and innovative in model

Better Adaptation

A variety of cabs for election, including normal model, rops model, air- conditioning model and canopy

Product Model	**SHPP-KPD165Y-1**		**SHPP- KPD165YS**	
ENGINE				
Model	DF-C6121ZG05C	Cummis NT855	DF-C6121ZG05C	Cummis NT855
Type	Fore-stroke,water cooling,straight vertical,direct injection type	Straight vertical, far-stroke, water cooling, PT pump injection, turbocharged	Fore-stroke,water cooling,straight vertical,direct injection type	Straight vertical, four-stroke, water cooling, PT pump injection, turbocharged
Flywheel power(kw)	122			
Rated speed(r/min)	1850			
Number of cylinders-bore × stroke (mm)	6-¢121×152	6-¢140×152	6-1¢21×152	6-¢140×152
Starting method	Electric starting motor 24V, 7.5KW			
Battery	24V(12V×2)-195AH			
Air cleaner	Dry type, precleaned cyclone air cleaner	Dry type, precleaned paper element air cleaner	Dry type, precleaned cyclone air cleaner	Dry type, precleaned paper element air cleaner
TRANSIMISSION SYSTEM				
Torque converter	3-element, stage, single-phase			
Transmission	Hand-operated, Hydraulic shift, Planetary gear, multiple disc clutch, forced lubrication by gear pump			
Bevel gear	Helical bevel gear, Splash lubricated			
Steering clutch	Wet Multiple disc. Spring loaded, Hand-operated with booster and hydraulic-released			
Steering brake	Wet, band brake, operated with hydraulic booster			
Final drive	Spur gear, double reduction, splash lubricateda			
UNDER CARRIAGE				
Sprocket	Segmented			
Number of track shoes(each side)	6(4 single, 2 double)		7(3 single, 4 double)	
Track tension	Hydraulic adjusted			
Floating seals are used in all track rollers, carrier rollers, sprocket and front idlers				
Travel speed(km/h)	1st	2 nd	3rd	
Forward	3.5	6.1	9.7	
Reverse	4.4	7.5	11.9	
TRACK				

Type	Sealed and lubricated single grouser or sealed single grouser		
Track pitch(mm)	203		203
Track width(mm)	560		1000
Number of track shoes(each side)	37		44
Length of track on ground	2430		3140
Ground clearance(mm)	400		500
Ground pressure	0.064		0.029
Track gauge(mm)	1880		2150
HYDRAULIC SYSTEM OF WORK EQUIPMENT			
Working pressure(Mpa)	13.7		13.7
Rated delivery(L/min)(2000r/min)	250		250
Pump	Double gear pump		Gear pump
Control valve	Hydraulic-operated plunger, servo controlling		Hand-operated, sliding
Valve position	Raise, Hold, Lower, Float		
Cylinder, Boro × Rod × Stroke(mm)	¢110×¢65×¢1026		
WORK EQUIPMENT			
Blade type	Straight	Angle	Straight tilt bla de
Width × Height (mm)	3416×1150	4050×1050	3970×1050
Max. lift above ground(mm)	530	530	440
Pitch adjustment(°)	55±2	55	55±2
Max. tilt(mm)	860		860
Length × Width × Height (mm)	4996×3416×3240	5185×4019×3240	4996×3970×3240
Weight (kg)	17860	17480	18200
Ripper Type			
Max. dig below ground (mm)	572		
Max. lift above ground (mm)	492		

SHPP-KPD220Y-220HP（162KW）

Efficient and Economic

Cummins NTA855-C280 engine with strong traction and low fuel consumption
High efficient in hydraulic mechanical transmission system
Excellent function in steering hydraulic operating system, alleviating operation tiredness and improving work efficiency

Better Adaptation

Normal model PD220Y-1, intensified model PD220YE and swamp model PD220YS suitable for all kinds of engineering projects
A variety of cabs for election, including normal model, rops model, air-conditioning model and canopy

Comfortable Driving Operation

Hexagon cab, innovative in model and wide in eyeshot
Applying the latest achievement of mechanical and electrical integration with three-stage alarm electron monitor system to ensure machines operating normally
Most reasonable operation system, controlling more conveniently, nimbly and conveniently

Product Model	SHPP-PD220Y-1	SHPP-PD220Y-2	SHPP-PD220Y-3	SHPP-PD220Y-4
Engine				
Model	Cummins NT-855-C280			
Type	Turbocharged vertical four-stroke			
Flywheel power(kw)	162			
Rated speed(r/min)	1800			
Number of cylinders-bore × stroke(mm)	6-¢139.7 ×152.4			
Starting method	Stating motor 24V 11KW			
Battery	24V(12V ×2)-195Ah			
Air cleaner	Dry horizontal type with precleaner			
TRANSIMISSION SYSTEM				
Torque converter	3-element, single-stage, single-phase			
Transmission	Planetary gear, multiple disc clutch, hydraulic actuated, forced lubrication by gear pump, 3 forward and 3 reverse speeds Electrical-hydraulic control for model PD220Y-3			
Bevel gear	Spiral bevel gear, splash lubricated			
Steering clutch	Wet Multiple disc. Clutch, Spring loaded, hydraulic-released Electrical-hydraulic control for model PD220Y-3			
Steering brake	Wet, band brake, operated with hydraulic booster and valve inner linkage Electrical-hydraulic control for model PD220Y-3			
Final drive	Spur gear, double reduction, splash lubricateda			
Travel speed(km/h)	1st	2 nd	3rd	
Forward	3.6	6.5	11.2	
Reverse	4.3	7.7	13.2	
UNDER CARRIAGE				
Sprocket	Segmented			
Track tension	Hydraulic-adjusted			
Floating seals are used in all track rollers, carrier rollers, sprocket and front iders				
Number of rack shoes(each side)	4 single, 2 double		5 single, 3 double	
TRACK				
Type	Sealed single grouse			
Track pitch(mm)	216		216	
Track width(mm)	560		945	

Number of track shoes(each side)	38		45
Length of track on ground	2730		3480
Ground clearance(mm)	405		450
Track gauge(mm)	2000		2250
Ground pressure(Mpa)	≤0.082		≤0.039
HYDRAULIC SYSEM OF WORK EQUIPMENT			
Working pressure (Mpa)	13.7	13.7	13.7
Rated delivery	257	160	257
Pump	CBT3160 CBT3160 gear pump	CB-AT1600-10 CB-AT160-10 Double gear pump	CBT3160 CBT3160 gear pump
Control valve	Hand-operated Plunger servo controlling	Hydraulic-operated, Plunger, servo controlling	Hand-operated plunger servo controlling
Valve position	Raise, hold, lower, float		
Cylinder, Bore × Rod Stroke(mm)	¢120×¢70×¢1054		
WORK EQUIPMENT			
Blade type	Straight tilt blade		
Width × Height (mm)	3725 ×1315	4365 ×1230	3725 ×1315
Max. lift about ground(mm)	1210	1350	1210
Max. drop below ground (mm)	540	500	540
Pitch adjustment(°)	55	53 °30′	55
Bit lifting speed(m/s)	≥0.35	≤0.35	≥0.35
Grade ability (°)	≤30	≤30	≤30
Max. tilt(mm)	735	500	735
Length × Width × Height (mm)	5750×3725×3575	6060×4365×3611	5870×3725×3575
Weight(kg)	25500	26000	26300
Ripper Type			/
Ripper Max. dig below	666	555	/

	ground(mm)			
	Max. lift above ground(mm)	598.3	666	/

SHPP-KPD320Y-320HP (239KW)

Efficient and Economic

Cummins NTA855-C360 engine
Hydraulic linkage changing
Hydraulic system of hydraulic linkage changing direction

Better Adaptation

Mechanical and electrical integration three-stage alarm electrons monitor system
Semi-U blade, rake blade and angle blade
Single-shank ripper and triple-shank ripper

Comfortable Driving Operation

Normal model, rops model, air-conditioning model cab and canopy
Electron-hydraulic integration operating mechanism
Advanced PD320Y has field of vision widely, controlling more nimbly and conveniently

Product Model	SHPP-KPD320Y-1	SHPP- KPD320Y-2	
ENGINE			
Model	Cummis NTA855-C360		
Type	Turbocharged, aftercooled, four-stroke		
Flywheel power(kw)	239		
Rated speed(r/min)	2000		
Number of cylinders-bore × stroke (mm)	6-¢139.7×152.4		
Starting method	Electric starting motor 24V, 11KW		
Battery	24V(12V×2)-195AH		
Air cleaner	Dry horizontal type with precleaner		
TRANSIMISSION SYSTEM			
Torque converter	3-element, single-stage, single-phase		
Transmission	Hydraulic actuated, Planetary gear, multiple disc clutch, forced lubrication by gear pump,3 forward and 3 reverse speeds		
Bevel gear	Helical bevel gear, Splash lubricated		
Steering clutch	Wet, Multiple disc. Spring loaded, hydraulic-released		
Steering brake	Wet, band brake, operated with hydraulic booster		
Final drive	Spur gear, double reduction, splash lubricateda		
UNDER CARRIAGE			
Sprocket	Segmented		
Number of track shoes(each side)	7(5 single, 2 double)		
Track tension	Hydraulic adjusted		
Floating seals are used in all track rollers, carrier rollers, sprocket and front idlers			
Travel speed(km/h)	1st	2 nd	3rd
Forward	3.6	6.6	11.5
Reverse	4.4	7.8	13.5
TRACK			
Type	Sealed single grouser		
Track pitch(mm)	228.6		
Track width(mm)	560		
Number of track shoes(each side)	41		
Length of track on ground	3150		
Ground clearance(mm)	500		

Ground pressure		0.094			
Track gauge(mm)		2140			
HYDRAULIC SYSTEM OF WORK EQUIPMENT					
Working pressure(Mpa)		13.7			
Rated delivery(L/min)(1800r/min)		335		250	
Pump		CBZ4200 gear pump		CBY4200/K 1010-115L CBY4200/K 1010-115L double gear pump	
Control valve		Hand-operated plunger, servo controlling		Hydraulic-operated plunge servo controlling	
Valve position		Raise, Hold, Lower, Float			
Cylinder, Boro × Rod × Stroke(mm)		¢140 × ¢75× ¢1340			
WORK EQUIPMENT					
Blade type		Semi-U biade	Angle	Semi-U biade	Angle
Width × Height (mm)		4130×1590	4850×1140	4130×1590	48501×1140
Max. lift above ground(mm)		1560			
Max. drop below ground (mm)		560			
Pith adjustment(°)		55±2			
Max. tilt (mm)		1000		1000	
Length × Width × Height (mm)		6880×4130×3640(Semi-U) 6880×4850×3640(Angle)			
Weight (kg)		35900			
Ripper	Type				
	Max. dig below ground (mm)	1250		842	
	Max. lift above ground (mm)	955		883	

Wheel Loader Series

XG-KLW521F Wheel Loader

Brief Introduction

On the basis of XG-KLW520F wheel loader, XG-KLW521F wheel loader gets improved in terms of hydraulic system, working mechanism, frame assembly and cab, by which greatly improving the machine performance in the aspects of machine technial data, reliability, operation comfort, working efficiency, machine maintenance and out-looking shape.

·Rational and optimized designing of the machine frame improve the stability of the machine.

·The hydraulic system is of integrated dual-pump system, which is featured in fuel-saving and high efficiency, and while reducing the total working cycling time, by which improving the working efficiency.

·The gear-shfiting control adopts flexible controlling mechanism, which features in high reliability and easy operation. The Reverse warning device makes it more safe and stable during working.

·The more rational axle load distributioin makes the machine has more competative advantage in term of traction.

·The critical articulated joint adopts anti-dust enclosed lubrication, so the pin shaft and pin sleeve have longer service life.

·The out-looking shape is of streamline designing.

·The canopy-top cab, adopting " Korean Green" glass, is of unique out-looking shape and harmonious color matching.

·The injection-moulded instrument panel is very nice in out-looking. The cab is standardly equipped

with heater.

·The hood is of non-metal material, which features in noise-absorbing and easy maintenance.

·The 3.0 m3 bucket is equipped on standard machines, fitted with cutting edge, which improves the machine reliability and endurability.

·The power unit used on the machine is of WeiFang engine: WD61567G3-28.

Main Technical Parameter

Item	Technical Data	Unit
L / W / H	7720/3000/3280	mm
Rated loading capacity	5	t
Operating weight	16.5	t
Max.traction force	140	kN
Static side-dumping load	10000	kg
Min. ground clearance	450	mm
Min. turning radius	5670	mm
Steering angle	35 degrees to both Right and Left	°
Speed		
Forward I-Gear	0-11	km/h
Forward II-Gear	0-36	km/h
Reverse speed	0-15	km/h
Hoisting height	6000	mm
Traction height	1090	mm
Engine model	Shanghai Engine G6135G1b	
Rated power/R.P.M	162/2200	KW/r/min
Cylinders/Diameter/Stroke	6/135/150	mm
Standard bucket capacity	3.0	m3
Optional bucket capacity	3.5	m3
Max. break-out force	145	KN
Lifting capability	80	KN
Total cycling-time	12	s
Unloading height	3110	mm
Unloading distance	1180	mm
Optional attachment	Clamp and side-dumping bucket	
Tyre specification	23.5-25	
Layer number	16	

XG-KZL40GH Plateau & Desert Special Wheel Loader

Brief Introduction

Application area of XG-KZL40GH plateau & desert special wheel loader: specially applied to construction of express highway,express railroad,hydro-power projects and airport etc,in plateau area.

1. Be equipped with the pleatau-type engine that is super-turbocharged, with the power reduction of loader above sea-elevation 4000m not being over 3% compared with that under normal situaton.

2. Imported cold starting device and micro-turbin preheating unit are adopted, ensuring a normal starting even under minus 40 degrees.

3. Air filter is of large-flow, low resistance and sand-proof. Easy to be replaced, making the engine's service life longer.

4. The closed optimized cooling system uses closed pressured radiator, meeting the demand of heat balance.

5. The anti-rust, anti-water residue and anti-frozen liquid is adopted as the cooling material.

6. High capacity imported maintenance- free battery is adopted which is of high temperature, high cooling and heavy strike resistant, enabling normal function even under minus 40 degree.

7. Electric system uses soft rubber cable, electric parts are applicable to the plateau situation.

8. High performance, reliable dual function air-conditioner equipped. Closed and pressurized cabin with anti-frozen device and IR protection unit.

9. Inside the cab is equipped the oxygen-supplying device and first-aid box. And it is optional to adopt the wireless telecom device for help purpose.

10. Rubber parts and seals can be used under minus 40 degree, being of wear-out proof against IR radiation, crack and explosion under low air pressure. The hydraulic oil and transmission oil are internationally purchased.

11. Articulation points are dust-proof, anti-frozen measures are taken for the whole machine. Anti-slippery chain is provided as option.

12. Metal material and welding connection are still work under minus 40 degrees without fragiling under

low temperature. Main cutting plate and teeth of the bucket are made of special anti-wearing material.

13. Eco-friendly exhaust system can be selected according to ambint demands.

14. Adopting with the Shanghai Engine D6114ZG (Plateau type) as its power source.

15.Fully hydraulic powered steering with flow-amplified system. Pilot operated control is adopted for its hydraulic system, and power shift(electric shift optional)transmission makes operating more convenient and flexible.

16. Working device uses new type of linkage, with strong breakout force, less cycling time, automatic bucket leveling, high operation efficiency. Main technical Specification

Description	Data
Engine	Shanghai diesel engine D6114ZG (plateau type), 6 cylinders, vertical row, water cooling, 4 stroke, direct injection : Rated power……125kw Rated rotation speed……2100r/min No. of cylinder --cyinder diameter/stroke ……6-114mm/135mm max. torque……700N.m(1300-1500rpm) Rated fuel consumption rate……215g/kw.h
Hydraulic system	Rated pressure for Safety valve ……17.5Mpa Steering cylinder-cylinder diameter/ stroke……160/550mm Boom cylinder-cylinder diameter/ stroke ……140/800mm
Transmission system	Hydraulic torque converter ……Duel turbo Gearbox……Planetary gear，multi-disc clutch, powered gear-shifting, forced feed lubrication, traveling speed(km/h) Gear range：2 Forward and 1 Reverse，Forward0-11,0－35　Reverse0-15
Steering system	Fully hydraulic powered steering with flow-amplified system. steering angle……35 degree to both Right and Left Hydraulic system ……Duel cylinders with diameter of 90mm. Rated pressure for safety valve……14Mpa
Braking system	Traveling braking system is of four-wheel disc-type brake. Parking braking and emergency braking is of air pressure-type brake which works with air released by meas of button.
Working mechanism	All the articulated joints adopt anti-dust closed lubrication. Adopting pilot-control hydraulic system. The metal material and welding parts can still work under the temperature of minus 40 degree. The main cutting plate and cutting teeth are made of special anti-wear material. The bucket has the feature of self-leveling
Cab	with IR protection glass, anti-frost device and air conditioner and oxygen-supplying device. Oxygen-supplying device：Oxygen supplying flow 1-20L/min Using time 6.5h
Rated power/Load/Overall machine weight/Bucket capacity	125kw/4000kg/15000kg/2.2m3
Tyre	20.5-25

XG-KLW820G Wheel loader

Introduction

·Rated load：8,000kg
·Bucket capacity：4.5m3
·Shanghai diesel engine C6121ZLG01b（Cat 3306 licensing）powerful output
·ZF(German) transmission box and driving axle offer reliable transmission.
·Shifting by electrical means and with KD changing function.
·Hydraulic pilot control, Rexroth pilot valve, multi-way valve.
·Full hydraulic wet brake system.

·Engine hood made of glass fiber is turnable from backside by electrical means, making easy for maintenance of engine.

·Integrated lubrication system.

·Integal in-close luxirous cab with air-conditioner offers reliablity,wide visiability,shock absorbing and noise lessening.VCD system for rear supervising can be chosen as an option.

· Outline design of the loader is nice-looking.

Main technical specification

Item	Parameters	Unit
Rated load	8000	kg
raising time	7	s
Total cycling time	13	s
Max.tractive force	260	kN
Articulating angle	35	°
Min. turning radius	7950	mm
Gradeability	27.3	°
Wheel base	3520	mm
Track	2520	mm
Speed		
1st(F/R)	7/7	km/h
2nd(F/R)	11.5/11.5	km/h
3rd(F/R)	25/25	km/h
4th(F)	35	km/h
Engine model		
Rated power/speed	224/2200	kw/r/min
tires	26.5-25-24	
Bucket capacity	4.5	m3
Dumping reach	3253	mm
Dumping distance	1357	mm
LXWXH	9097×3432×3695	mm
Operating weight	28	KN

XG-KZL50GH Plateau Special Wheel Loader

Model	Introduction
XG-KZL50GH Platau Special Wheel Loader	·XG-KZL50GH plateau Special Wheel Loader. Based on the original technical and quality foundation of ZL50G, this model of loader also specially caters for plateau area. · The loader is specially applied to construction of express highway,express railroad,hydro-power projects and airport etc,in plateau area. 1. Equipped with a plateau engine that is recovery tuborcharged, the power reduction of the loader above sea level 4000m will not be over 3% compared with that under the normal situation. 2. Imported cold starting device and micro-turbin preheating unit are adopted,ensuring a normal start even under minus 40 degrees. 3. Air filter is of large flow,low resistance,sand-proof.Easy to be replaced,making longer the engine's service life. 4. The closed optimized cooling system uses closed pressured radiator,meeting the demand of heat balance. 5. The anti-rust,anti-water residue and anti-frozen liquid is adopted as the cooling material. 6. High capacity imported maintainence- free battery is adopted which is of high temperature,high cooling and heavy strike resistant,enabling normal function even under minus 40 degree. 7. Electric system uses soft rubber cable,electric parts are applicable to the plateau situation. 8. High perfomance,reliable dual function air-conditoner equipped.Closed and pressurized cabin with anti-frozen device and IR protection unit. 9. Rubber parts and seals can be used under minus 40 degree, being of wear-out proof against IR radiation, crack and explosion under low air pressure.The hydraulic oil and transmission oil are internationally purchased. 10. Articulation points are dust-proof,anti-frozen measures are taken for the whole machine.Anti-slippery chain is provided as option.

	11. Metal material and welding connection are still work under minus 40 degrees without fragiling under low temperature. Main cuting plate and teeth of the bucket are made of special anti-wearing material. 12. Eco-friendly exhaust system can be selected according to ambint demands. 13.Fully hydraulic powed steering with flow-amplified system. Pilot operated control is adopted for its hydraulic system, and power shift(electric shift optional)transmission makes operating more convenient and flexible. 14.Working device uses XCMG new type of Z-bar linkage,strong brakeout force,less cycling time,automatic bucket levelling, high operation efficiency.

XG-KZL50GH Plateau wheel loader main specification		
Description	Parameter	Unit
Bucket capacity	3.0	m^3
Rated load	5000	kg
Dump clearance	3090	mm
Dump reach	1130	mm
Raising time	<6	s
Total cycling time	<11	s
Max. traction force	145	kN
Max.breakout force	170	kN
Articulation angle	35	°
Min.turning radius	6400	mm
Gradability	28	°
Wheel base	3300	mm
Track	2200	mm
Speed		
1st(F/R)	11.5/16.5	km/h
2nd(F/R)	37	km/h
Engine power	162kW	
Model	WD 615.67G	
Rated power/rated speed	162 kw/2200r/min 205 HP/2200r/min	
LXWXH	8110×3000×3485	mm
Operating weight	18	t
Max.speed	37	km/h
Tyres	23.5-25	