

LG936L SALES TRAINING

Jan 15, 2018

Feature & Benefits - Machine Walkaround

Currently LG936L overseas products resources include the following order number.

The details please refer to the latest product resource content.

E3623115A36

E3623115AK6

E3623115A29

E3623115AK9

E3623115GK6

E3623115Q29

E3626115A29



Feature & Benefits - Machine Walkaround

Content

- Main features of the product
- Custom benefits and value
- Optional component
- Attachment



The factors which influence customers...



Machine Walkaround – Starting point



- Where to introduce my products is OK.
- We recommend the starting from the front of SDLG LG936L.
- Remember what is customer value most when buying machine.
- **Special configuration**
- **Customer perception**
- This part will be based on the characteristics and advantages of loader, let the customer know its value and benefit.

OPERATING COST



SDLG LG936L Standard bucket









AVAILABILITY

PERFORMANCE

PRODUCTIVITY

Feature:

Standard bucket capacity 1.8 cubic meters.

(E3623115Q29 with standard 2.5m3 LM bucket)

- Rear strengthen the high barrier.
- The butcher plate and wearing plate adopt wearresisting material.
- The bucket bottom and side panel adopts flitch to strengthen.

Benefit:

- To prevent the material after the throw damaging the work device.
- More wear-resisting, improve more than 60% in the service life.

OPERATOR ENVIRONMENT

OPERATING COST



Z-bar linkage



Feature:

- Optimization design Z-bar linkage.
- Using enhanced movable arm and beam, continuous intelligent welding technology, blasting treatment after welding.

Benefit:

- Large transmission ratio, improve ground lifting force and shovel digging force.
- More reliable and more efficient, longer working life.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



ALL

SDLG LG936L

Front lights and working lights



Feature:

- Equipped with 2 set of high-power Hella
 headlamp, wide range, high installation, increase
 protection and conform to the E-Mark certification.
- Bridge before and after the top is equipped with four Hella work lamp.
- LED lamps as an option.

Benefit:

- Significantly enhance performance, improve dark environment operation safety and effectively prevent litter damage.
- Optimize collocation installation, ensure good lighting

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST

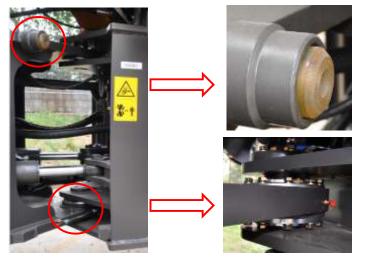


ALL

SDLG LG936L

Center Hinge & Frames





PERFORMANCE

PRODUCTIVITY

Feature:

- Articulated center close to the layout, articulated distance widened design.
- The steering limiting flexible cushion design.
- Tapered roller bearings, strengthening seal design.

Benefit:

- Excellent stability, smaller turning radius
- Improve operation comfort, reduce fatigue.
- A longer service life.

OPERATOR ENVIRONMENT

OPERATING COST

SAFETY



AVAILABILITY

Access ladder, handrails & anti-slip







Feature:

- Conform to the ergonomic design of armrest and arc ladder design.
- Add a rope ladder and ladder design.

Benefit:

- To improve the operator safety
- Reduce operator fatigue strength, Reduce the incidence of accidents

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST





Access ladder, handrails & anti-slip





Feature:

- Prevent slippery ladder
- Humanized armrest
- The antiskid design of working face

Benefit:

- Ensure safety
- Easily up and down the machine

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

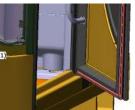
OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Care Cab









Feature:

- According to the ergonomic design of new type of Cab.
- Cab is installed on the shock absorber.

Benefit:

- Sealed performance is good.
- Safe and comfortable.
- The driver can continuous operation for a long time without feeling tired.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

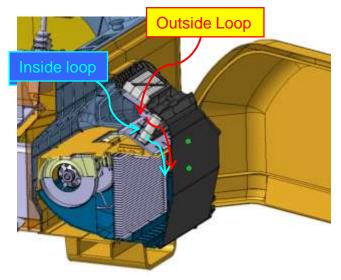
OPERATOR ENVIRONMENT

OPERATING COST



Air-conditioning system





AVAILABILITY

PERFORMANCE

PRODUCTIVITY

Feature:

- Improve the leakproofness of the cab.
- Large capacity air conditioning system.
- Inside and outside circulation with the air filter which on the outside.

Benefit:

- Noise reduction, sound insulation, heat insulation.
- 52 degrees ambient temperature in cabin down to 30 degrees in 5 minutes, 20 minutes to below 22 degrees.
- Purify air, easy to clean and replace filter.

OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Care Cab



Feature:

- Standard seat comfort meet five standards
- Six bearing with damping shock adjustment
- Configure your seat belt

Benefit:

- Greatly improve the operator comfort.
- Conform to the ergonomic design, reduces the fatigue strength.
- To ensure the safety of drivers.

AVAILABILITY

PERFORMAN

PRODUCTIVIT

OPERATOR ENVIRONMENT

OPERATING COST



Care Cab – Driving conditions





Feature:

- Specialization of luxury interior.
- Cup holder, multifunctional configuration
- Air-conditioning outlet increase glass blowing straight channels.

Benefit:

- Car interiors, and beautiful
- More humanized design
- Defrost glass

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Care Cab - Visibility







Feature:

 The cockpit vision conform to the industrial safety design.

Benefit:

- Vision is good.
- Fewer blind area.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Parking Brake







Suit for the old product ahead of 2017:

E3613115A36 E3613115AX6 E3613115AK6 E3613115AK9 E3616115A39

E3616115AK6

Feature:

The electro-hydraulic control parking brake

Benefit:

- Brake is reliable, operation is simple and convenient
- Can be used for emergency situation and improve the safety

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Parking Brake







Suit for the product since 2017:

E3623115AX6 E3623115AK6 E3623115AZ9 E3623115AK9 E3623115GK6 E3623115Q29

E3626115A29

Feature:

 The electro-hydraulic control drum parking brake

Benefit:

- Brake is reliable, operation is simple and convenient
- Can be used for emergency situation and improve the safety

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

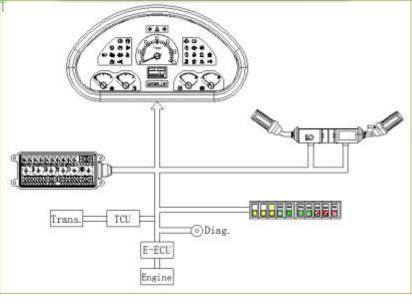
OPERATOR ENVIRONMENT

OPERATING COST



Contronic monitoring system





PERFORMANCE

PRODUCTIVITY

Feature:

 Step meter monitoring system (the latest bridge standard equipped).

Benefit:

- Reasonable layout of light, easy to distinguish.
- Provide the operator with the machine running information and early warning.
- Monochrome screen can realize the the most part of vehicle information (including speed) of real-time display.

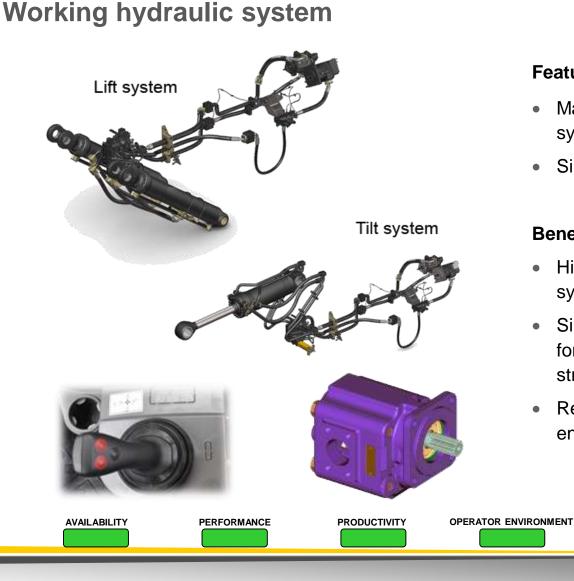
OPERATOR ENVIRONMENT

OPERATING COST

SAFETY



AVAILABILITY



Feature:

- Make optimization design efficient system.
- Single handle pilot control.

Benefit:

- High impermeability of the hydraulic system.
- Single handle pilot operation, operating force is small, reducing operator fatigue strength.
- Reasonable power matching more energy efficient.

OPERATING COST



SDLG LG936L Working hydraulic system

E3623115A29 E3623115Q29 E3626115A29



Feature:

- Two units of main control valve.
- Single handle pilot control.

Benefit:

- High reliability, good sealing and suitable matching.
- Convenient and easy to operate.
- Meet different working conditions.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Working hydraulic system

E3623115A36 E3623115A46 E3623115A49 E3623115G46



Feature:

- Three units of main control valve.
- Single handle pilot control.

Benefit:

- Suitable for multiple function equipment, high reliability, good sealing and suitable matching.
- Convenient and easy to operate.
- Meet different working conditions.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Steering hydraulic system



Feature:

- Load sensing hydraulic steering system.
- Coaxial flow amplifying.

Benefit:

- operation is flexible and portable.
- High reliability.



OPERATING COST

E3623115A29 E3623115Q9 E3626115A29 E3623115A49





Feature:

Standard cab.

Benefit:

- Large interior space, good sealing, car's interiors, improve the driving comfort.
- Good vision for outside of cab to reduce the blind spot.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



E3623115A36 E3623115AK6 E3623115CK6





Feature:

Standard FORPS&ROPS cab.

Benefit:

- ISO standard, large interior space, good sealing, car's interiors, improve the driving comfort.
- Good vision for outside of cab to reduce the blind spot.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Adjustable steering wheel







Feature:

Adjustable steering wheel(top rake is 15
 ° , caster is 13 °)

Benefit:

- Easy to operate.
- According the operators's different need to adjust the Angle.
- High comfort.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



ALL

Service access - Hood & Centralized filters







Feature:

- Large engine hood, the side door opening large.
- Engine hood paste sound-absorbing material.

Benefit:

- Facilitate maintenance
- Reduce the noise

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Service access -Centralized filters





AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST

SAFETY



Feature:

Fuel filter and oil filter centralized layout.

Benefit:

Maintenance is convenient.

SDLG *LG936L*Battery

ALL









Feature:

- Two groups of battery installed in the battery box, Close to the starter.
- Equips with manual power switch in the box.

Benefit:

- Ensure long battery life and high reliability.
- Easy access.
- Convenient manually disconnect and connect the main circuit grounding.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



ALL

SDLG LG936L

Ground level fueling







AVAILABILITY

PERFORMANCE

PRODUCTIVITY

Feature:

- The ground standard height of the fuel oil supply.
- special fuel tank cover with lock and protective cover.
- Set up two observation cursor up and down.

Benefit:

- Fuel supply more smooth and convenient to refueling.
- Safe and reliable.
- Convenient to observe the oil level when refueling.

OPERATOR ENVIRONMENT

OPERATING COST

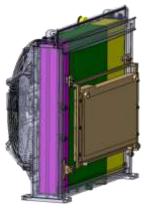


ALL

SDLG LG936L

Cooling System







Feature:

- To increase the cooling system, the grid window frames can rotate 95 degrees, with a limit mechanism.
- All aluminum radiator which double layout, The transmission oil radiator can be rotated 35°.

Benefit:

- To improve the radiating efficiency, energy saving, noise reduction.
- Easy to clean.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



ALL

Lift & Tie down eyes and the locking leve



Feature:

- Set up multiple hole for hoist before and after.
- Front and rear frame lock lever.



Benefit:

 In transportation and hoisting machine, effectively protect the equipment and personnel safety.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Powertrain - Engine







Feature:

E3623115A29 E3623115A29 E3623115A36 E3623115A36 E3623115A36 E3623115A36

- Weichai-Deutz:WP6G125E22 T2 engine.
- Turbocharger.

Benefit:

- Good to meet the demand of customers for the engine.
- High torque, strong power, low fuel consumption, High quality and low emissions, Large power of reserves

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



E3626115A29

SDLG LG936L

Powertrain - Engine





Feature:

- Dachai-Deutz:BF6M2012 T3 engine.
- Turbocharge and inter-cooling.

Benefit:

- Good to meet the demand of customers for the engine.
- T3 emission, high torque, strong power, low fuel consumption, High quality and low emissions, Large power of reserves

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Powertrain - Transmission



Feature:

- SDLG planetary gearbox.
- 2 forward shift and 1 reverse shift.

Benefit:

- Easy to operate, focus on the shift lever only.
- High efficiency and more economic.
- Mature products and high reliability.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Powertrain - Enhanced drive axle





Feature:

- SDLG special reinforced drive axle
- Main transmission and wheel deceleration transmission ratio optimization.
- Using enhanced bevel gear and axle shaft gear.

Benefit:

- The higher intensity
- Increased reliability by more than 60%

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



The brake system





Feature:

- Air cap oil four-wheel forceps disc brake.
- Front axle brake caliper with protection device.
- Dry brake , Double brake pedal.

Benefit:

- High reliability, and maintenance more convenient.
- Safe and more convenient replacement brake lining

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Options – Tyre



Feature:

- Front axle tire with 12 level.
- 16 or 20 level tires are option.

Benefit:

- Greater carrying capacity.
- Good sidewall protection.



SAFETY

OPERATING COST

Automatic reset system







AVAILABILITY

PERFORMANCE

PRODUCTIVITY

Feature:

- Bucket flat automatically
- Lifting arm rising limit

Benefit:

- Ensure the bucket placed with parallel to the ground floor, ruduce the shift of the operating handle, improve working efficiency.
- Ensure the security of the system.

OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Cables & Connectors





Feature:

 Hydraulic line connected with taper seal O-rings, critical pressure line increase PVC protection

Benefit:

 Pipeline is sealed good, no leakage, improve the reliability.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST





SDLG LG936L Options Tyre



Feature:

- Tubeless tyre
 - ➤ Meridian tyre、17.5R25-1STTL-LL3
 - ➤ Bias tire 、16 level
 - ➤ Bias tire、Antiskid tyre、 17.5-25-12PR-TL516
 - > Herringbone pattern tyre
- Tubed tyre
 - > 17.5-25-16PRTT E-2/L-2
 - > 17.5-25-20PR-L3

Benefit:

 To choose the most suitable for the tyres according to different working condition, improve the efficiency and security.



PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Options – 3rd Hydraulic function





Feature:

 Equipped with two-section or threesection valve.

Benefit:

 Convenient to retrofitting multifunction attachment.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Single Handle pilot valve



Feature:

Double Handle Pilot System.

Benefit:

To meet different operating habits.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Oil bath air filter

E3623115A29 E3623115A49 E3623115A46 E3623115A46 E3623115A46





Feature:

Oil bath air filter as an option.

Benefit:

 Adapt to the bad conditions of the dust and environment, effective protection, improve the engine life.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

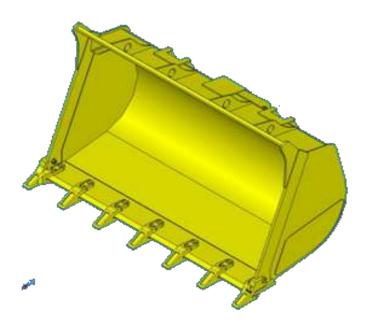
OPERATING COST





SDLG LG936L GP bucket

E3623115A36 E3623115A29 E3623115GK6 E3626115A29 3623115A29



Feature:

- Standard bucket, bucket capacity 1.8 m³.
- The standard bucket teeth is connected by bolt.
- Bucket bottom thickening.

Benefit:

- Firm.
- Wear-resisting.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

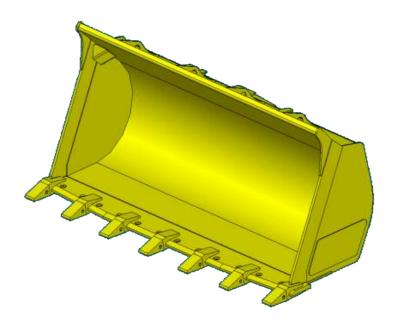
OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L GP bucket

E3623115A36 E3623115A29 E3626115A29



Feature:

- Standard bucket, bucket capacity 1.8 m³.
- Welding bucket teeth.

Benefit:

- Firm.
- Wear-resisting.



PERFORMANCE

PRODUCTIVITY

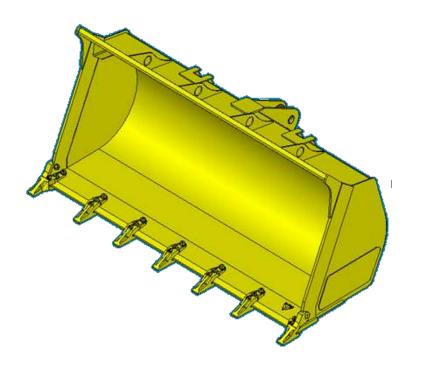
OPERATOR ENVIRONMENT

OPERATING COST



GP bucket (1.6)

E3623115A36 E3623115A29 E3626115A29



Feature:

- Standard bucket (Heightening product),
 bucket capacity 1.6 m³.
- Bucket bottom thickening.

Benefit:

- Firm.
- Wear-resisting.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

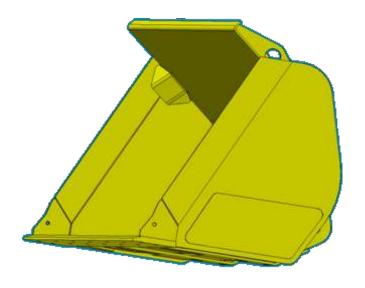
OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L LM bucket

E3623115A36 E3623115A29 E3626115A29



Feature:

- LM bucket , The back of the heightening design , bucket capacity 3.0 m³.
- Bucket bottom thickening.

Benefit:

- Not easy scattering after full load.
- more wear-resisting and long service life.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

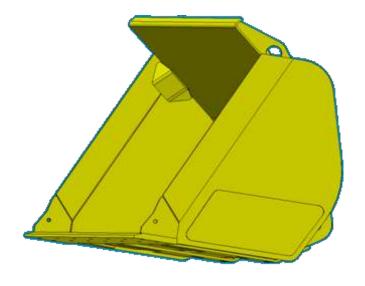
OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L LM bucket

E3623115A36 E3623115A29 E3626115A29



Feature:

- LM bucket , The back of the heightening design , bucket capacity 2.5 m³.
- Bucket bottom thickening.

Benefit:

- Not easy scattering after full load.
- more wear-resisting and long service life.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

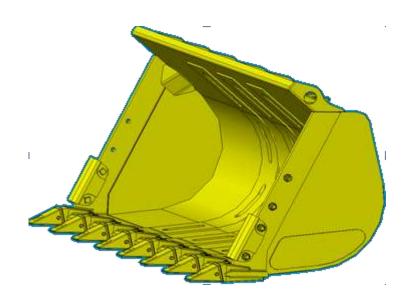
OPERATING COST



E3623115A36 E3623115A29 E3626115A29

SDLG LG936L

Rock bucket



Feature:

- Make optimizated design to strengthen the bucket by Lingong.
- Bucket capacity 1.5 m³.
- The butcher plate, wear-resisting plate adopt wear-resisting material.
- The bottom of the bucket and bucket side plate adopts flitch to strengthen.
- Bucket teeth with gear sleeve.

Benefit:

- Not easy scattering after full load because of high load coefficient.
- High quality materials and optimization of structure, more wear-resisting, long service life.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

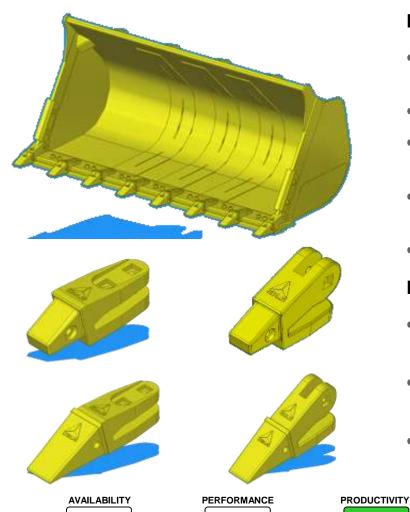
OPERATING COST



E3623115A36 E3623115A29 E3626115A29

SDLG LG936L

Rock bucket



Feature:

- Make optimizated design to strengthen the bucket by Lingong.
- Bucket capacity 1.5 m³.
- The butcher plate, wear-resisting plate adopt wearresisting material.
- The bottom of the bucket and bucket side plate adopts flitch to strengthen.
- Bucket teeth with gear sleeve.Connected by bolt.

Benefit:

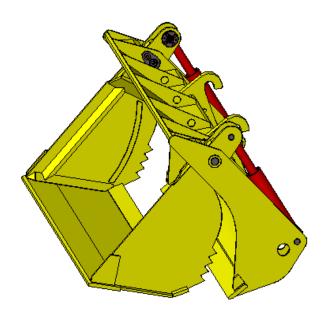
- Not easy scattering after full load because of high load coefficient.
- High quality materials and optimization of structure, more wear-resisting, long service life.
- Easy to change.

OPERATOR ENVIRONMENT

OPERATING COST SAFETY



SDLG LG936L Multi-purpose bucket



Feature:

Bucket capacity of 1.8 m³.

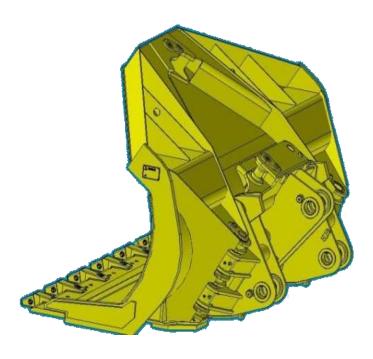
Benefit:

- Suitable for operation under various working conditions.
- Used as common bucket.
- To load small amount of stem materials.
- To perform simple push operation.
- To use as high dumping bucket.



SDLG LG936L Side dumping bucket

E3623115A36 E3623115A29 E3626115A29



Feature:

Bucket capacity of 1.4 m³.

Benefit:

- Mainly shovel the materials in the tunnel or other narrow sites.
- Strong and durable.
- Long service life.



PERFORMANCE

PRODUCTIVITY

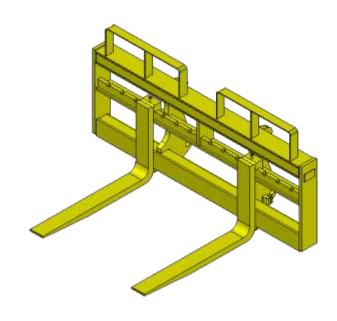
OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Pallet Fork

E3623115A36 E3623115A29 E3626115A29



Feature:

- Pallet Fork.
- Effective length of prong:1800mm.
- Maximum width of two prongs outside:1700mm.
- The width between two prongs is adjustable.
- Max. dumping height:3531mm.
- Corresponding dumping distance:2613mm.

Benefit:

- Mainly to replace the forklift to perform fork loading of less translational motion requirement.
- Do some simple hoisting operation.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

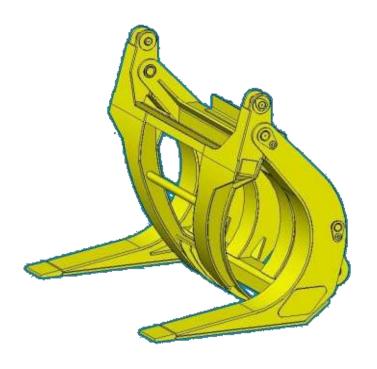
OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Log grapple

E3623115A36 E3623115A29 E3626115A29



Feature:

- Log grapple.
- Width:1800mm, Opening:1590mm.

Benefit:

 Used for the loading of log ,stem and tubular long materials. Mainly to achieve the consistent action of upper fork.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

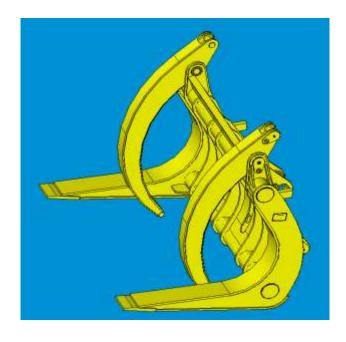
OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Log grapple

E3623115A36 E3623115A29 E3626115A29



Feature:

- Log grapple.
- Width: 1923mm, Opening:1552mm.

Benefit:

- Bifurcation log grapple. Up and down forks do not cross.
- Is mainly used for the material that has different diameter for both side of it. For the condition that the two tooth will not the same action.



PERFORMANCE

PRODUCTIVITY

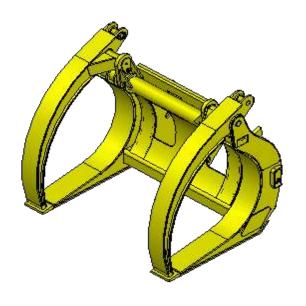
OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Log grapple

E3623115A36 E3623115A29 E3626115A29



Feature:

- Log grapple.
- Width: 1700mm , Opening:1900mm.
- Minimum retaining diameter:944mm.

Benefit:

 Used for timber factory and wood processing factory to select wood clamping, the operation condition of the port is mainly used for the optional size of wood.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

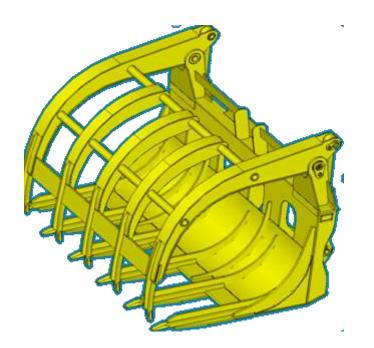
OPERATING COST



E3623115A36 E3623115A29 E3626115A29

SDLG LG936L

Grass grapple



Feature:

- Grass grapple.
- Width:2400mm. Opening:2380mm)

Benefit:

Used for the loading of forage in the paper mill.

AVAILABILITY

PERFORMANCE

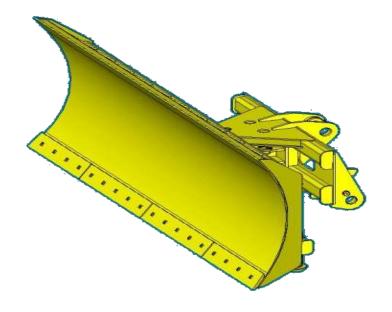
PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Snow removal device



Feature:

Light snow removal device.

Benefit:

To pile the bulk materials for snow clearing.

AVAILABILITY

PERFORMANCE

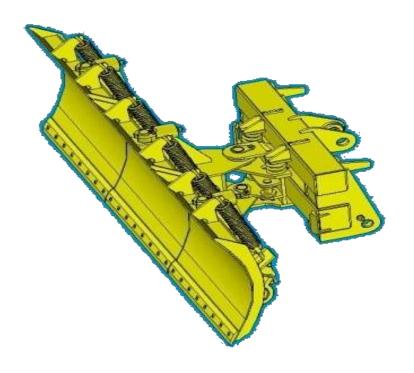
PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



SDLG LG936L Snow removal device



Feature:

Heavy snow removal device.

Benefit:

Mainly used to remove the thick snow

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

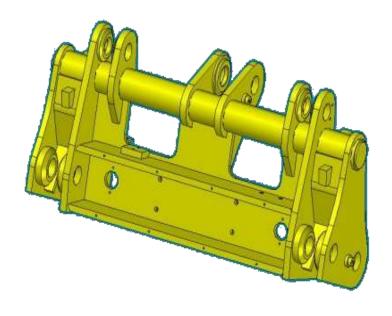
OPERATOR ENVIRONMENT

OPERATING COST



Quick-change device

E3623115AK6 E3623115AK9 E3623115GK6



Feature:

- Quick-change device
- In accordance with ISO international standards.

Benefit:

- Widely used, multi-usage.
- Don't need to change, can directly replace the global brand quick-change attachment.

AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

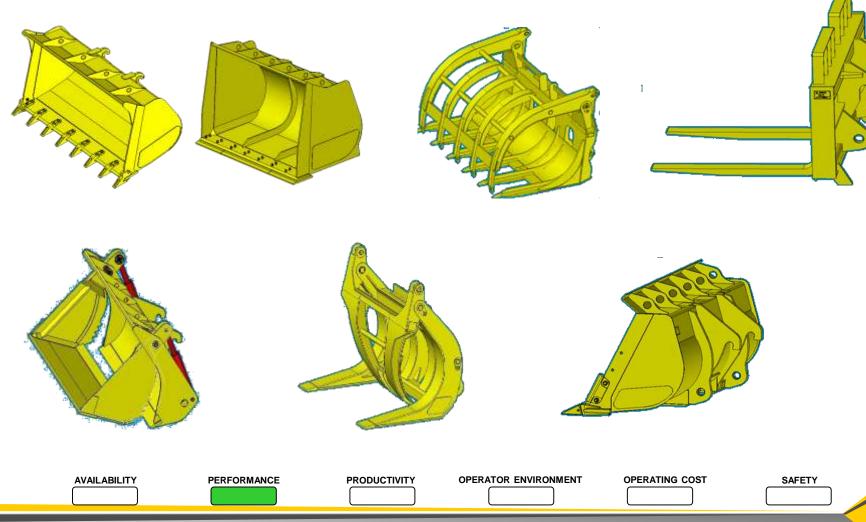
OPERATING COST



E3623115AK6 E3623115AK9

SDLG LG936L

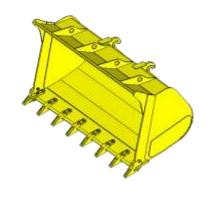
Suitable for quick coupler attachments

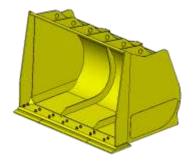


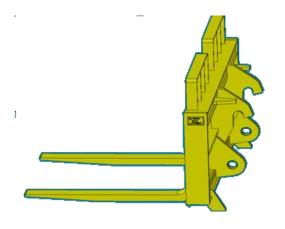
E3623115GK6

SDLG LG936L

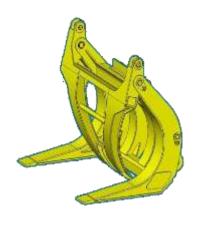
Suitable for quick coupler attachments

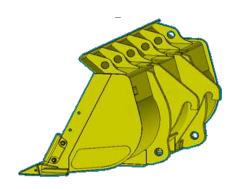












AVAILABILITY

PERFORMANCE

PRODUCTIVITY

OPERATOR ENVIRONMENT

OPERATING COST



Our Vision To become the No.1 Chinese construction equipment brand for reliability, customer Vision & Mission satisfaction and Brand image in the construction machinery industry. Our Mission To provide highly reliable products and services in order to maximize our value in the eyes of the customer. **Brand Promotion Slogan** Reliability in Action