

WHEEL LOADER

DASWELL

Dedicated to provide better machinery

Henan Daswell Machinery Co., Ltd.
Tel: +86-371-55186675
Fax: +86-371-55186676
Email: global@daswell.com
Add: No.2 CBD,Zhengdong New District, Zhengzhou, China

www.daswell.com



We help to build a better world

WHEEL
LOADER

Customers First | Dedication | Perseverance

D & W



COMPANY
INTRODUCTION

2024



Daswell is a China-based high quality machinery supplier. Our company has over 30 years of experience. With several producing bases in China, we can provide various kinds of heavy machinery with high quality.

So far, our products are exported to more than 80 countries overseas, such as Germany, USA, Norway, Ireland, Philippines, Indonesia, Egypt and so on. In order to provide better service to customers, we established subsidiary companies and branch offices in different countries, like Philippines, Indonesia, Pakistan, Egypt, Peru, and Uzbekistan.

We are growing mainly by our good reputation year by year, as we always commit to supply high quality products with good service all the time.

Daswell aims to provide better machinery to create more value for customers, and to help build a better world together.

Company History Timelines

The Pursuit of excellence



OFFICE ADDRESS

- China offices :** No.2 CBD, Zhengzhou New District, Zhengzhou City
Qingzhou city, Shandong Province
- Philippines branch company : Henan Daswell Machinery (Philippines) INC.** Phase 6 B5L12A
Lot 9 Brookside lane Brgy. San Francisco along Arnaldo, Highway Gen Trias Cavite, the Philippines.
- Indonesia branch company : PT. Daswell Indonesia Group**
Komplek Pergudangan Green Sedayu Biz Park Cakung Blok GS 9 No. 35, Kel.
Cakung Timur, Kec. Cakung, Jakarta Timur 13910
- Pakistan branch company : DASWELL MACHINERY PAKISTAN (PRIVATE) LIMITED**
57 HAJVERY COMPLEX, 2-MOZANG ROAD, LAHORE, Lahore Data Gunj Bukhsh Town
- Bangladesh branch company : DASWELL MACHINERY BANGLADESH LTD.**
F-106, Mohakhali School Road, Dhaka-1212
- Egypt office :** Elmearaj Elsofly, Cairo Building no 7127 Flat no. 1
- Malaysia branch company : DASWELL MACHINERY MALAYSIA SDN. BHD.**
VO3-10-23A, SUNWAY VELOCITY DESIGNER OFFICE, LINGKARAN SV, SUNWAY VELOCITY,
JALAN COCHRANE 55100 KUALA LUMPUR W.P.KUALA LUMPUR MALAYSIA
- Peru branch company : DASWELL PERU E.I.R.L**
Number 651 K Carrer JR. THE TREASURE,URB. TUPAC AMARU, SAN LUIS, LIMA, PERU.
- Mexico branch company : DASWELL MEXICO SA DE CV**
Rio Guadiana 11, Colonia Cuauhtémoc, Mayor's OfficeCuauhtemoc, Mexico City, Mexico
- Uzbekistan branch company : DASWELL LLC**
9,Novesergeliyskaya str. Sergeli district, Tashkent city
- Russian branch company :** Michurinsky prospect, 19, Moscow





Large Wheel Loader

- High power Weichai engine
- Panoramic vision cab
- Modular radiator
- Suitable for heavy duty



mine Quarry aggregate Earthworks Stonework

NO 01

Efficient and energy-saving engine

- The high-power Weichai engine perfectly cooperates with the reinforced and elongated chassis and hydraulic system, and the performance is more reliable.
- Low speed engine and large displacement double pump confluence hydraulic system, high efficiency and energy saving.
- Advanced and reliable engine with lower fuel consumption and lower emissions.
- The engine hood with rear flip metal structure is durable and easy to maintain.



NO 02

Reliable quality transmission system

- Gearboxes and drive axles with high strength reserves are of better quality.
- The fixed-shaft gearbox adopts power shifting, with simple structure, high transmission efficiency, good reliability and long service life. Moreover, it is easy to maintain, has many gears, and has a high speed, which is suitable for heavy load and heavy operation.



NO 03

More adaptable drive axles

- Drive axles are suitable for heavy working conditions, with large gear modulus and good durability.
- The heavy-duty frame and the mature fixed-axis transmission system prolong the maintenance cycle of the equipment compared with the same period last year.
- The streamlined appearance design makes the appearance more beautiful and modern.

Drive axle



NO 04

Safe and wear-resistant tires

- Wear-resistant tread, the pattern has strong grip, and the rolling resistance is extremely small.
- Wear-resistant tread rubber, high elastic middle rubber, tough base rubber.
- The pattern is deepened, and the wear-resistant tread has a long service life.



NO 05

Safe and comfortable cab

- The cab with a panoramic view has a large space, coupled with the high-quality seat with spring vibration damping made by German professional technology, which makes the operation comfortable and safe.
- The cab is made of fully tempered glass, and the air conditioner is optional, making the driving more comfortable and the field of vision wider.
- This cab has an improved elastic connection method, and is equipped with a luxurious instrument panel and seat, which reduces vibration and is convenient and comfortable to operate.



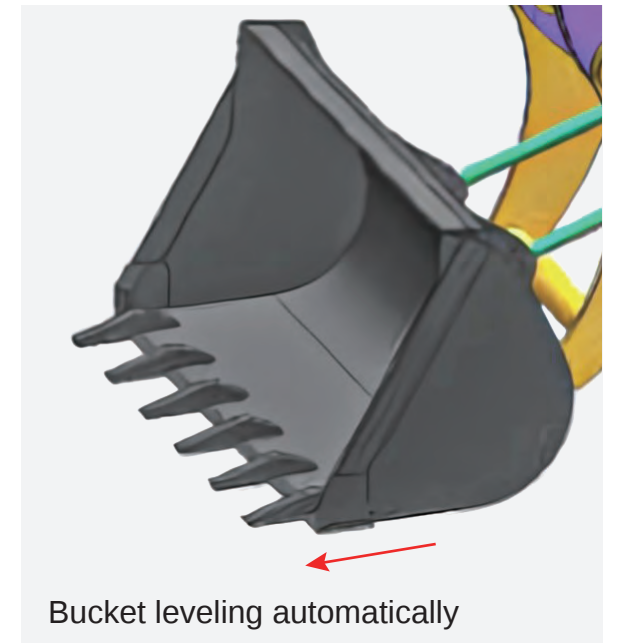
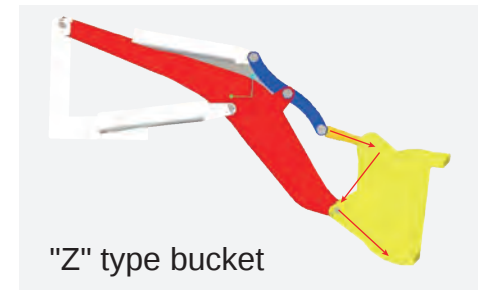
Cab Real Shot



NO 06

Highly efficient bucket

- The advanced bucket automatic leveling function makes the operation more convenient and reduces the labor intensity of the driver.
- Single bucket cylinder and "Z" type bucket structure can achieve super large digging force.
- Combined high and low speed operation with high automatic leveling work device, shoveling efficiency is greatly improved.



NO 07

Advanced technology of hydraulic system

- The hydraulic valve designed and manufactured by international advanced technology has stable and reliable quality, which improves the capability of the hydraulic system.
- All adopt high-quality Ediasea hydraulic lines, with reasonable layout and high reliability.
- Full hydraulic steering and pilot control, which is light and flexible, excellent fretting effect.



Key model parameters of Large Wheel Loader Specifications

Model		WL3000	WL5000	WL6000
Performance	Rated loading	3000kg	5000kg	6000KG
	Overall weight	10200kg	16500kg	19800KG
	Rated bucket capacity	1.8m³	1.8m³	1.8m³
	Maximum tractive force	97KN	152KN	158KN
	Maximum breakout force	127KN	≥170KN	204KN
	Maximum grade ability	30°C	30°C	30°C
	Maximum dump height	3100mm	3150mm	3350mm
	Maximum dump reach	1006mm	1250mm	1255mm
	Overall dimension (L×W×H)	6890×2400×3070mm	8085×2950×3450mm	8250×3100×3400mm
	Minimum turning radius	5250mm	6150mm	6500mm
Engine	Model	WEICHAI WP6G125E22	Weichai Steyr WD10G220E21	Weichai Steyr WD10G240E21
	Type	Inline water cooled, four stroke	Inline water cooling dry cylinder injection	Inline water cooling dry cylinder injection
	No. of cylinder-bore/stroke	6—108×125mm	6—126×130mm	6—126×130mm
	Rated power	92kw	162kw	175kw--2200r/min
	Maximum torque	515N.m	980N.m	843N.m
	Min fuel-consume ratio	≤210g/kw.h	≤215g/kw.h	≤220g/kw.h
	Torque converter	YJ315—x	ZL50	Y J 375
Transmission system	Gearbox mode	Power shift normally engaged straight gear	planetary	Power shift normally engaged straight gear
	Gear shift	4forward shift 2 reverse shift	2forward shift 1reverse shift	4 forward shift 4 reverse shift
	Maximum speed	40km/h	38km/h	38km/h

Model		WL3000	WL5000	WL6000
Drive axles	Main reducing mode	Bevel gear grade 1reduction	Bevel gear grade 1reduction	Bevel gear grade 1reduction
	Decelerating mode	Planetary reduction,grade 1	Planetary reduction,grade 1	Planetary reduction,grade 1
	Wheel base (mm)	2850mm	3250mm	3350mm
	Wheel tread	1800mm	2250mm	2250mm
	Ground clearance	400mm	460mm	450mm
Hydraulic system	System working pressure	16.5MPa	18Mpa	18Mpa
	Boom lifting time	4.83s	5.95±0.2s	6.15+0.25s
	Total time	9.15s±0.5s	10.95±0.5s	10.65+0.5s
	Fuel tank capacity	156L	290L	300L
	Function of leveling automatically	yes	yes	yes
Brake system	Service brake	Air over hydraulic disc brake on 4 wheels	Air over hydraulic disc brake on 4 wheels	Air over hydraulic disc brake on 4 wheels
	Parking brake	Manual parking brake	Manual parking brake	Manual parking brake
Tyre	Type specification	17.5-25	23.5-25	26.5-25
	Front tyre pressure	0.4Mpa	0.4Mpa	0.4Mpa
	Rear tyre pressure	0.35Mpa	0.35Mpa	0.35Mpa



Small Wheel Loader

- Flexible and convenient
- four-cylinder supercharged engine
- Wide range of applications
- A variety of unloading heights are optional.



NO 01

High-quality parts **create excellent products**



Famous brand engine

High power, low fuel consumption, high efficiency, strong power.



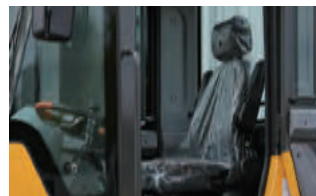
Thickened hinged plate

It improves the service life of the tire and the passability of the machine, and reduces the energy loss.



High performance hydraulic cylinder

It has the ability of overload protection to maintain the service life of motor and parts.



Control cab

The cab is equipped with a floating seat with adjustable wrist rests, thus reducing operator fatigue and improving operator efficiency.



Night working headlights

It equipped with multiple night headlights. Work with ease even at night.



Tires for engineering machinery

Use special engineering tires, with strong grip and high safety factor.

NO 02

Compact and flexible body - **easy to operate**

- The structure of the whole machine is reasonable, light in weight, small in size, small in turning radius, and can be flexibly shuttled to various construction sites.
- The operation speed is fast, the maneuverability is good, the operation is light, and it is suitable for operation in narrow areas, which is labor-saving and efficient.



NO 03

One machine with multiple functions easy to face a variety of working conditions

- Wide application: Grain depot, construction site, mining site, snow clearing, road construction, timber loading and unloading.
- It can also carry out bulldozing, lifting and loading and unloading of other materials such as wood by changing different auxiliary working devices.
- It is a multi-functional product needed by all walks of life to meet the needs of multi-scenario work.



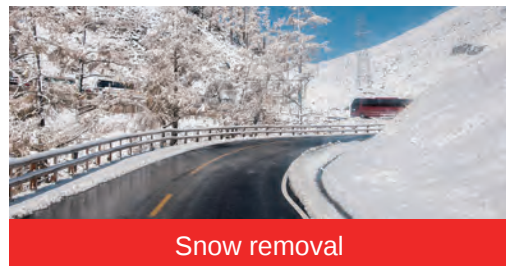
Food station



Construction site



Mine



Snow removal



Road construction



Timber handling

NO 04

Diversified appearance more beautiful and more practical

- Streamlined appearance design, more beautiful and more modern.
- The whole machine adopts baking paint process, which has stronger adhesion and never fades. The electrophoresis frame is adopted, which will never rust.
- Optional European style exterior design is available.



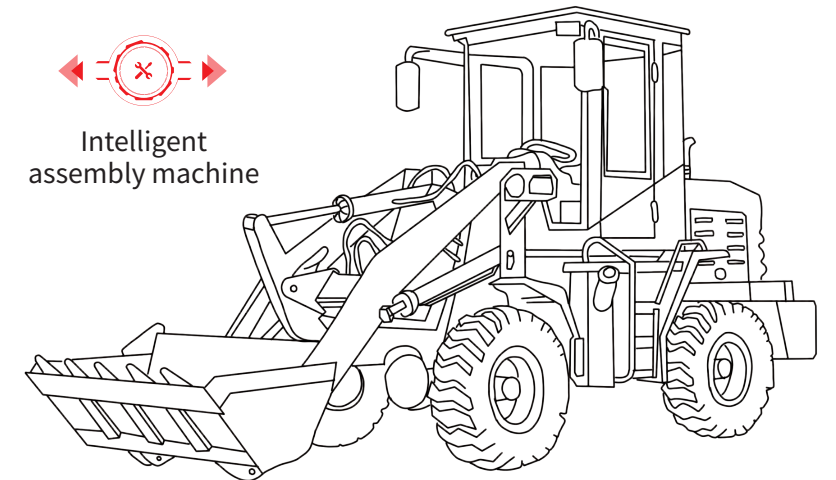
NO 05

Assembly line operation - high assembly efficiency

- We have large processing center, laser cutting machine, CNC cutting machine, large CNC bending machine and other kinds of equipment.
- We have a general assembly line, an excellent painting line, and a complete machine testing ground.

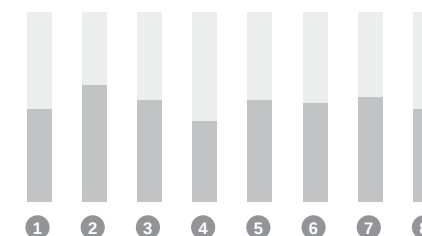


Intelligent
assembly machine

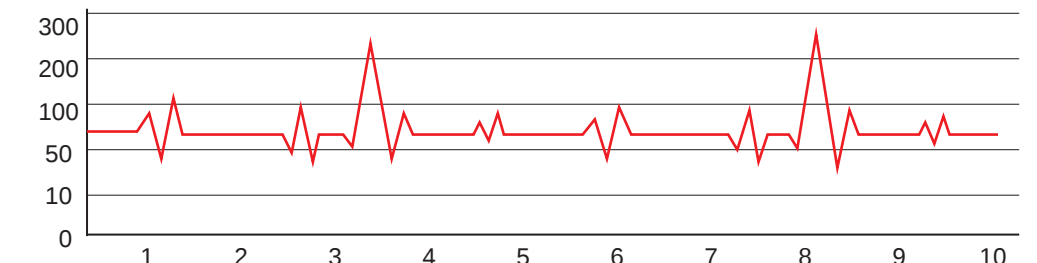


- Committed to building intelligent manufacturing production lines, intelligent assembly systems, hoisting systems, and intelligent coating lines.
- The production capacity of our factory reaches 5 minutes for each loader to complete the assembly, the daily production capacity can reach more than 300 units, and the production efficiency is increased by 2-3 times.

Status real-time monitoring display



Production Record Statistics



Loader attachment

Attachment



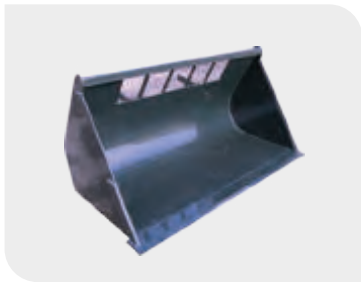
Four in one bucket



V push



Fork



Snow bucket



Drum clamp



Forklift-stabilizer machine



Screening bucket



Road sweeper



Side dump bucket



Push snowboard



Can be equipped with log grab



Grass grabber can be installed

Note: Different models are equipped with different work accessories, please consult the dealer or manufacturer for the specific configuration.

Key model parameters of Small Wheel Loader

Specifications

Model	WL2800	WL2500	WL2000	WL1800	WL1500
Rated weight (kg)	2800	2500	2000	1800	1500
Operating weight (kg)	7780	6000	5000	3800	3300
Rated power (kW)	≤92	≤85	≤76	≤55	≤42
Dump height (mm)	3800	3600	3500	3200	3000
Dump distance (mm)	1000	1000	950	850	800
Min. turning radius (mm)	5300	5300	5000	4000	3500
Drive Type	Four-wheel drive	Four-wheel drive	Four-wheel drive	Four-wheel drive	Four-wheel drive
Transmission type	Automatic transmission	Automatic transmission	Automatic transmission	Automatic transmission	Automatic transmission
Overall dimension (L*W*H) (mm)	7100*2100*2850	7100*2100*2850	5800*2100*2850	5600*2000*2750	5200*1900*2700

Project **case**
Case



Daswell Wheel Loader are distributed all over the country and exported to more than 40 countries and regions. The sales volume of machinery and equipment has been in the forefront of the world for many years.

Corporate Culture

Build a better world with high-quality products

With 38 years of focus on machinery and equipment manufacturing, we adhere to the original intention, only to make better machinery and equipment.

1986-2024

Enterprise mission: Build a better world.

Enterprise vision: Dedicated to provide better machinery

Enterprise values: Customer-oriented, dedicated employees as our foundation, take an unremitting effort.

After-Sales Service

Daswell--Be a good helper to customers

DASWELL upholds the integrity management, customer first service tenet, in addition to the excellent product and excellent solution design, DASWELL also has a thoughtful perfect pre-sale and after-sale technical services, help solve the problems from project consultation, field survey, and sample analysis to the project design, installation, debugging, maintenance, etc. Ensure that all parts are properly connected with customers and timely solve customer needs.

- DASWELL has skilled and experienced after-sales maintenance service engineers, who can timely provide satisfactory solutions to customer problems.
- We will build a WeChat group or WhatsApp group for each customer. If you have any questions, you can feedback at any time. We will provide uninterrupted service for you 24 hours, 365 days.
- Within the warranty period (within 12 months from the date of completion of debugging), we will provide repair for the damage caused by human causes, and only charge the cost price for the materials and accessories used in the repair. Our company is responsible for the repair or replacement of any problem or damage caused by non-human causes.
- Adequate parts library. There are various types of accessories for all kinds of equipment in the accessories library to prevent the operation and production of customer equipment from being delayed due to the lack of accessories.

