

BACKHOE 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



Build the better world

BACKHOE 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





DASWELL BACKHOE LOADER

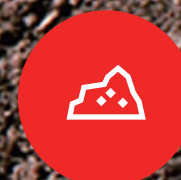
Unrivalled quality



Mine



Quarry
Aggregate



Earthwork

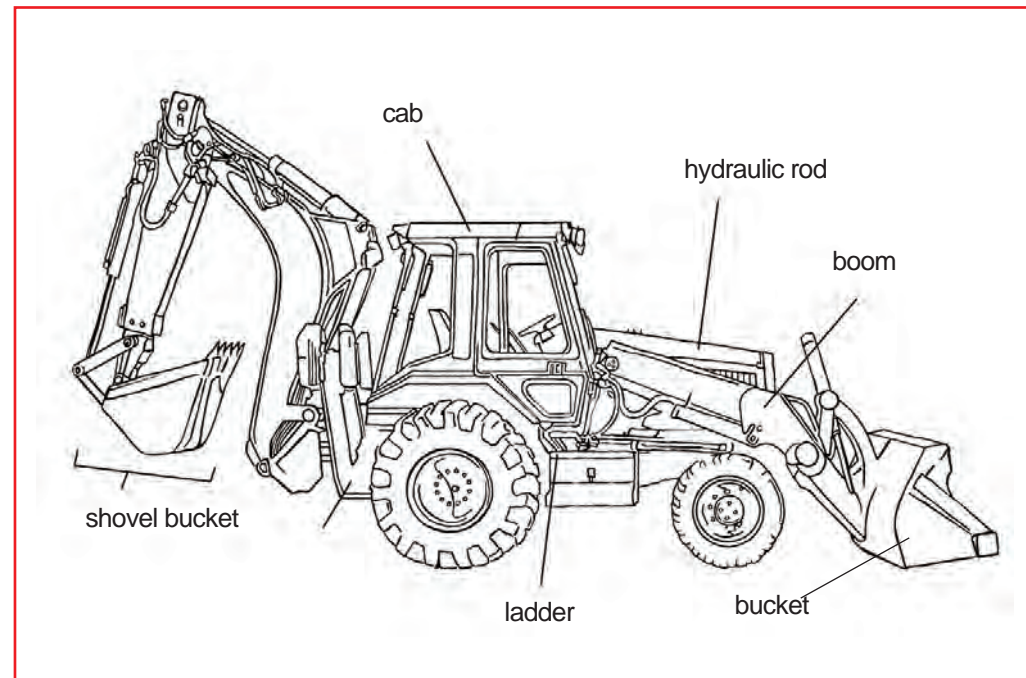


Stonework

No.1

Unique patented products, innovative technology

- The excavator part can be moved left and right, which can not only balance the center of gravity of the whole vehicle, but also expand the working range;



- The cab can be flipped on its side, making the excavator have a better view;
- The turntable of the excavator can rotate 360°, there is no dead angle for loading, the working range is larger, and the side can also be loaded, and the working angle reaches 270°.



No.2

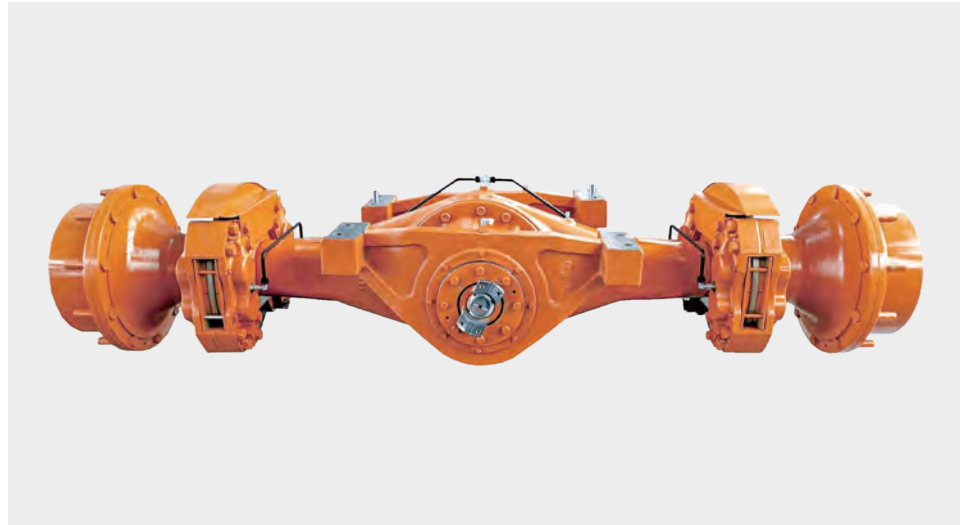
One machine with multiple functions to improve economic benefits

- The excavator and loader are combined into one machine, and one machine has multiple functions. It fully has all the functions of small excavators and loaders, and is more suitable for working in narrow spaces. It is convenient and flexible, and the work efficiency is increased by more than 30%;
- Digging and loading functions are light and flexible, and the work efficiency is high;
- The breakout force at the loading part is 15%-20% higher than that of similar models; the structure and hinge point at the excavating part are advanced, and the bucket has a large turning angle and strong soil holding capacity.



No.3

Famous brand accessories to ensure product quality



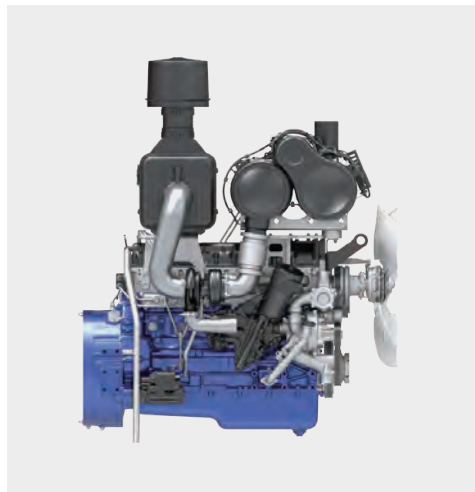
Drive axle

The drive axle with differential greatly improves the traction performance and safety performance of the whole machine.



Working device

The excavating working device is side shift type, high strength and good structural stability.



Weichai engine Gearbox

Select the well-known Weichai engine, and the high-reliability hydraulic torque converter and gearbox are used to provide super power;



Power system

Adopt hydraulic transmission, four-wheel drive, stable performance and high reliability.

No.4

Humanized design cab for more safety and comfort



The humanized design of rotating vibration-damping seat and full tempered glass cab make the view wider.



- The reasonable layout of control levers, buttons and other operating equipment in the cab enables the driver to accurately control the travel of the backhoe loader, as well as the operation of the bucket and boom.
- The layout is reasonable and ergonomic, which is convenient for the driver to operate and work, and reduces his fatigue.

No.5

Optimize the structure of the whole vehicle, stable working performance

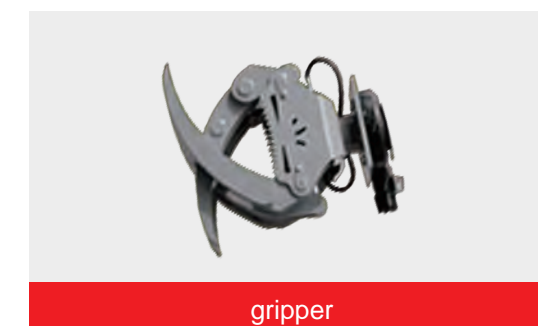
- The overall frame makes the whole machine more stable and more suitable for excavation operations;
- Central handover is adopted, with small turning radius and flexible operation;
- The frame is made of manganese steel with long service life;
- The design of the flip-back guard greatly improves the convenience of machine maintenance;
- The overall layout and bridge load distribution are more reasonable, the driving stability is better, and the transition speed is faster.



No.6

A variety of accessory devices are optional, and different configurations are suitable for a variety of projects

- The backhoe loader can be equipped with various attachments to realize quick change of various accessories, and there are more than 200 kinds of attachments to choose from. By replacing different attachments, such as grasping wood fork, grasping grass fork, crushing hammer, bulldozer, auger, telescopic arm, front bucket, etc., it can realize different functions such as road breaking, leveling site, trenching, pipe-laying, snow removal, cleaning, etc. in addition to digging and loading to meet the needs of various working environments.



Parameter and configuration (DBL2)

Daswell Backhoe loader

16/70 - 20 Tire--H leg

Yuchai Euro II 75KW engine,
front and rear pilot operation,
reversing image, cab warning light

推土板

Standard product description

DBL2

Performance	Overall Operating Weight		7640KG	Engine	Model	YUCHAI YC4A105Z-T20	
	L*W*H(mm)		6170x2268x3760		Type	In Line Direct injection Four-Stroke and Injection Combustion Chamber	
	Wheel base		2370mm		Cylinder-Inside Diameter*Stroke	4-108x132	
	Min. Ground Clearance		300mm		Rated Power	75KW	
	Bucket Capacity		1.0m³		Rated Speed	2200r/min	
	Breakout Force		58KN		Min. Fuel Consumption	≤230g/km.h	
	Loading Lifting Capacity		2500KG		Max.Torque	≥400N.M/1500r/min	
	Bucket Dumping Height		2770mm	Tyre	Displacement	4.8L	
	Bucket Dumping Distance		925mm		Model	16/70-20	
	Digging Depth		27mm		Pressure of Front wheel	0.22 Mpa	
	Backhoe Capacity		0.3m³	Brake System	Pressure of Back Wheel	0.22 Mpa	
	Max. Digging Depth		4082mm		Service Brake	Air Over Oil Caliper Brake	
	Swing Angle of Excavator Grab		190°			External Type	
	Max. Pulling Force		65KN			Self-regulation	
			Emergency Brake		Self-balance		
				Operation Power Implementing brake			
Transmission System	Torque Converter	Model	YJ280	Steering System	Manual Operation Power Terminating Brake		
		Type	Single-stage Three Elements		Model of Steering Device	BZZ5-250	
		Max. Efficiency	84.40%		Steering Angle	±36°	
		Inlet Pressure	1.3—1.5Mpa	Min. turning radius	5018mm		
		Outlet Pressure	0.25—0.3Mpa	Pressure of the system	14Mpa		
		Cooling Method	Oil-cooling Pressure Circulation	Digging Power of Excavator Grab	60KN		
	Gearbox	Type	Fixed Shaft Power Transmission	Hydraulic System	Digging Power of Dipper	31KN	
		Oil Pressure of Clutch	1373Kpa—1569 Kpa		Bucket Lifting Time	5.4S	
		Gears	Two Gears Ahead, Two Gears Astern		Bucket Lowering Time	3.1S	
		Max.Speed	22Km/h		Bucket Discharge Time	2.0S	
					Manufacturer	Feicheng Axle Factory	
				Main Transmission Type	Double Reduction		
			Final Reducer	Single Stage Final Reducer			
				Rated Loader of Axle	8.5t		

Parameter and configuration (DBL3E)

Daswell Backhoe loader

Standard product description

DBL3E

Performance	Overall Operating Weight		8200KG	Engine	Model	WEICHAH WP4G95E221	
	L*W*H(mm)		6230×2365×3752		Type	In Line Direct injection Four-Stroke and Injection Combustion Chamber	
	Wheel base		2200mm		Cylinder-Inside Diameter*Stroke	4-108×132	
	Min. Ground Clearance		300mm		Rated Power	70KW	
	Bucket Capacity		1.0m³		Rated Speed	2200r/min	
	Breakout Force		58KN		Min. Fuel Consumption	≤230g/km.h	
	Loading Lifting Capacity		2500KG	Tyre	Max.Torque	≥400N.M	
	Bucket Dumping Height		2700mm		Displacement	4..837L	
	Bucket Dumping Distance		925mm		Model	14-17.5/19.5L-24	
	Digging Depth		52mm	Brake System	Pressure of Front wheel	0.55Mpa	
	Backhoe Capacity		0.3m³		Pressure of Back Wheel	0.223Mpa	
	Max. Digging Depth		4082/4500mm		Service Brake	Air Over Oil Caliper Brake	
	Swing Angle of Excavator Grab		190°			External Type	
	Max. Pulling Force		65KN			Self-regulation	
					Emergency Brake	Self-balance	
			Operation Power Implementing brake				
			Manual Operation Power Terminating Brake				
Transmission System	Torque Converter	Model	YJ280	Steering System	Model of Steering Device	BZZ5-250	
		Type	Single-stage Three Elements		Steering Angle	±36°	
		Max. Efficiency	84.40%		Min. turning radius	6581mm	
		Gearbox	Inlet Pressure	1.3—1.5Mpa	Hydraulic System	Pressure of the system	12Mpa
			Outlet Pressure	0.25—0.3Mpa		Digging Power of Excavator Grab	60KN
			Cooling Method	Oil-cooling Pressure Circulation		Digging Power of Dipper	44KN
			Type	Fixed Shaft Power Transmission		Bucket Lifting Time	6.8S
		Bucket Lowering Time				3.1S	
		Bucket Discharge Time				2.0S	
		Manufacturer			Feicheng Axle Factory		
		Oil Pressure of Clutch	1373Kpa—1569 Kpa	Axle	Main Transmission Type	Double Reduction	
		Gears	Two Gears Ahead, Two Gears Astern		Final Reducer	Single Stage Final Reducer	
	Max.Speed	28Km/h	Rated Loader of Axle		8/18.5t		



front wheel 14-17.5 back wheel 19.5L-24

WEICHAH Euro II 70KW engine, front and rear pilot, reversing image

Parameter and configuration (DBL3SB)

Daswell Backhoe loader

Performance	Overall Operating Weight		8200KG
	L*W*H(mm)		6100×2365×3752
	Wheel base		2200mm
	Min. Ground Clearance		300mm
	Bucket Capacity		1.0m³
	Breakout Force		58KN
	Loading Lifting Capacity		2500KG
	Bucket Dumping Height		2742mm
	Bucket Dumping Distance		925mm
	Digging Depth		52mm
	Backhoe Capacity		0.3m³
	Max. Digging Depth		4082/4500mm
Transmission System	Swing Angle of Excavator Grab		190°
	Max. Pulling Force		65KN
	Torque Converter	Model	YJ280
		Type	Single-stage Three Elements
		Max. Efficiency	84.40%
		Inlet Pressure	1.3—1.5Mpa
		Outlet Pressure	0.25—0.3Mpa
		Cooling Method	Oil-cooling Pressure Circulation
	Gearbox	Type	Fixed Shaft Power Transmission
		Oil Pressure of Clutch	1373Kpa—1569 Kpa
		Gears	Two Gears Ahead, Two Gears Astern
		Max.Speed	28Km/h

Engine	Model	WEICHAİ WP4G95E221
	Type	In Line Direct Injection Four-Stroke and Injection Combustion Chamber
	Cylinder-Inside Diameter*Stroke	4-108×132
	Rated Power	70KW
	Rated Speed	2200r/min
	Min. Fuel Consumption	≤230g/km.h
	Max.Torque	≥400N.M/1500r/min
	Displacement	4..837L
Tyre	Model	14-17.5/19.5L-24
	Pressure of Front wheel	0.55Mpa
	Pressure of Back Wheel	0.223Mpa
Brake System	Service Brake	Air Over Oil Caliper Brake
		External Type
		Self-regulation
	Emergency Brake	Self-balance
		Operation Power Implementing brake Manual Operation Power Terminating Brake
Steering System	Model of Steering Device	BZZ5-250
	Steering Angle	±36°
	Min. turning radius	6581mm
	Pressure of the system	12Mpa
Hydraulic System	Digging Power of Excavator Grab	60KN
	Digging Power of Dipper	44KN
	Bucket Lifting Time	6.8S
	Bucket Lowering Time	3.1S
	Bucket Discharge Time	2.0S
Axle	Manufacturer	Feicheng Axle Factory
	Main Transmission Type	Double Reduction
	Final Reducer	Single Stage Final Reducer
	Rated Loader of Axle	8/18.5t



Standard product description

DBL3SB

front wheel 14 - 17.5 back wheel19.5L-24 H type

WEICHAİ Euro II 70KW engine, front and rear mechanical Yuchai engine is optional

Anti-roll cab

Parameter and configuration (DBL4S)

Daswell Backhoe loader

16.9-28 Tires---four wheel steering

WEICHAI Euro II 70KW engine, Mechanical operation, hydraulic side shift, crab walk

Anti-roll cab

Standard product description

DBL4S

Machine parameters	Total length(bucket at ground)		6450±80mm
	Total width(tires outside)		2650±20mm
	Bucket width		2620mm
	Total height (cabin top)		3120±10mm
)Total height (digging boom top)		3940 ±20mm
	Wheel base		2335±10 mm
	Wheel tread		2139 ±10mm
Load main technical parameter	Rated load		2500KG
	Operating weight		10050kg
	Rated bucket capacity		1.2m³
	Max. Dumping height (41o dumping angle)		3050±50 mm
	Dumping distance		870±20 mm
	Tires outside	Turning radius	5750±50mm
	Rated digging bucket capacity		0.3m³
Digging main technical parameters	Max. Digging depth		3820±20 mm
	Max. Digging radius		5345±20mm
	Max. Loading height		3740±20mm
	Max. Digging force		5100kgf
	Max.Digging height		5470 ±20mm
	Lifting force at Max. Digging radius		1220kg
	Max. Digging depth(telescopic boom)		4970±20 mm
Engine	Max. Loading height(telescopic boom)		4983±20mm
	Max.Digging height(telescopic boom)		6680±20mm
	Engine model		WEICHAI WP4G95E221
	Cooling type		Water cooling
	Rated power		70 (kW)
	Displacement		4.8(L)
	Rated speed		2200(r/min)
	Max. Torque		400(N.M)
	Manufacturer		YUCHAI

Transmission	Hydraulic torque convertor	Model	315
		Cooling way	Pressured oil circle
	Gearbox	Model	28
		Type	Mechanically Operated Hydraulic Synchronized Shift
	Driving axles		WZL100
	Gear shift		Forward 4 Backward 4
	Speed (F/R) km/h		Forward1 – 5 km/h Forward2 – 10 km/h Forward3 - 18 km/h Forward4 - 32 km/h Backward1 - 5 km/h Backward2 - 10 km/h Backward3 - 18 km/h Backward4 - 32 km/h
Hydraulic system	Tyres model		16.9-28
	Working pump displacement		63ml/r
	Working pump pressure		20Mpa
	Diverter model		BZZ5-250
Digging attachments (hydraulic hammer)	Rod diameter (mm)		68-70
	Working pressure (Mpa)		11-14
	Impact frequency		500-900
油箱容量	Flow scope (L/min)		25-45
	kinetic energy (KN)		49
	Hydraulic oil tank		125
Fuel tank		125	

Project **case**

Daswell Backhoe loader



Daswell backhoe loaders are distributed all over the country and exported to more than 40 countries and regions. The sales volume of 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.

