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Qingzhou Yingnuo Heavy Industry Co., Ltd.
Caterpillar Industrial Park, Qingzhou City, Shandong Province, China

AOLITE
SINCE 2005

ABOUT US



ISO9001
质量管理体系认证



Founded in 2005, AOLITE is an innovative leader within the high-end equipment manufacturing industry. Guided by its mission of “providing green, energy-efficient, smart, and high-performance tools for wealth creation” , we specialize in offering comprehensive and reliable small to medium-sized machinery solutions for global agriculture and horticulture, municipal and industrial operations, and construction engineering. Through our zero-emission electric solutions and a wide range of smart products, we help you prepare for the future. Supported by a global sales and service network built in collaboration with numerous distributor partners, we understand your diverse needs and are dedicated to strengthening our long-term partnerships.

Our Core Strengths: Driven by Technology, Fueled by Innovation

At AOLITE, we believe that core technology is the inexhaustible driving force behind progress. We have built an industry-leading R&D system that brings together top scientific and engineering talents. Through deep strategic cooperation with renowned research institutions and universities, we continue to make breakthroughs in smart electronic control systems, structural designs, and new energy power integration. To date, we hold 71 national authorized patents - a testament not only to our past achievements, but also to our confidence in leading the future.

Our Product Matrix: Comprehensive Coverage, Relentless Refinement

Loader Series: With 20 years of manufacturing experience, AOLITE loaders are known for their versatility, stability, and high value retention. To meet the emission standards of different countries, we offer a variety of diesel engine options compliant with diverse emission requirements. The same model can be equipped with multiple energy sources, whether diesel or battery-powered, ensuring there is always an option that meets your needs. Our electric loaders feature zero emissions and low noise, offering significant advantages in environmental impact, application flexibility, and operating costs.

Excavator Series: AOLITE offers a variety of excavators to meet diverse operational needs. These robust and reliable machines perform exceptionally well under tough conditions. Our electric excavators, with zero emissions and multiple functions, are ideal for urban night-time work, farms, and other noise and emission sensitive areas.

Backhoe Loader Series: AOLITE backhoe loaders are built for high-power and complex work environments. They are multifunctional, efficient, and reliable tools for digging, trenching, loading, and back-filling operations.

Our Value Commitment: Exceeding Expectations, Creating Shared Value

For AOLITE, every machine we deliver represents not just a product, but also a promise and responsibility. We have established a 360° full life-cycle service system, supported by a global service network and intelligent remote diagnostics, ensuring worry-free technical support anytime, anywhere. We are committed to building deep, trust-based partnerships and creating lasting value through exceptional products and unparalleled service.

Looking Ahead: Intelligent Leadership, Green Innovation

AOLITE is actively building a new industrial ecosystem driven by intelligence, digitalization, and sustainability. We are dedicated to deeply integrating big data and artificial intelligence with advanced manufacturing, driving our products toward greater internationalization, electrification, intelligence, and premiumization. By continuously developing cutting-edge green technologies, we aim to lead the industry toward a sustainable future.

With a body of steel and a spirit of innovation, AOLITE carries the weight of its era. We are confident that our 14 years of international trade experience and collaboration with Fortune 500 companies will pave the way for a successful partnership, enabling us to jointly forge a more resilient, efficient, and prosperous world!

OUR HISTORY



Be a leader in technological innovation
To provide good products and services for the construction, agriculture, and construction industries.

2010

Private Technology Enterprise in Weifang City

2010

2011

2011 920T

The 920T has been upgraded from mechanical transmission to automatic transmission, changing the structure of the 1.2T model, simplifying the test drive process and improving efficiency.

2011

2012

2012 926B

It fills the gap in the domestic 1.5- to 1.8ton loader market. It adopts a lightweight frame design and is resistant to high temperatures to meet the needs of high-altitude areas, improving efficiency and off-road performance.

2012

2012

2012 936T

It fills the gap in the domestic 2.2-ton loader market and shows high efficiency and stability in places where "2 tons loaders can't work well, and 3 tons loaders can't be used".

2012

2013

2013 938T

Obtained French CE and ISO9001 certification, and introduced six-cylinder engines into 2.2T-2.5T loaders for the first time, significantly improving work efficiency and stability.

2013

2015

2015 622C

Equipped with an advanced electronic control system, the operation is more coordinated and efficient. A large number of products are exported to North America and European markets, with excellent market reputation.

2015

2016

2016 615C

Complying with CE safety standards, 1.5t rated load model use a large amount of environmental composite materials to satisfy the green environment demand.

2016

2017

2017

AOLITE's first narrow-body loader, with a width of only 1700mm, is suitable for narrow working spaces.

2017

2018

2018 HYBOS615

It solves the matching problem of intelligent control unit and hydraulic control, applies oil-electric hybrid technology, integrates traditional internal combustion engines, electric motors and battery storage, optimizes intelligent power distribution, improves power and performance, and significantly reduces fuel consumption and exhaust emissions, achieving Fuel saving ranges from 33% to 58%.

2018

2018

2018

Automatic shifting AT gearbox

Automatic gear shifting technology is widely used in construction machinery, significantly improving efficiency and work quality, improving performance and reducing personnel labor intensity.

2018

2019

2019

R & D Center

AOLITE Overseas R&D Center was established in November.

2019

2018

2018

Embedded controller

Introducing artificial intelligence technology to realize one-click operation and memory function of the loader, automatic adjustment of working mode, intelligent identification of different working conditions and automatic simulation and adjustment to the corresponding working mode. Develop powertrain control PTC to coordinate and monitor drive performance, enabling regular diagnosis and reporting of systems and components.

2018

OUR HISTORY



Be a leader in technological innovation
To provide good products and services for the construction, agriculture, and construction industries.

2020

Third Prize in Weifang City "Mayor's Cup" Industrial Design Competition


612C

AOLITE's first loader that meets Euro V emission standards is launched. Its appearance adopts a streamlined design, highlighting its compactness and meeting the details requirements of high-end customers.



2021 E604

AOLITE's first pure electric loader that replaces "oil" with "electricity"; AOLITE new energy electric loader's research and development philosophy is committed to integrating advanced electric technology, optimizing energy utilization efficiency, and achieving excellent performance and environmental protection standards, to meet the sustainable development needs of the future construction machinery field.




2022 E606

AOLITE's second electric loader, the E606, is launched, further moving towards intelligence based on the first generation.



2022 EFL12

Developed AOLITE's first pure electric off-road forklift loader, equipped with a high-quality three-meter mast as standard and an optional side shifter. It has energy saving, high efficiency and safety features.



2023 BL105-25

The launch of the AOLITE backhoe loader BL105-25 represents the perfect integration of advanced technology and excellent performance, injecting innovation and power into the new era of construction machinery.



2023 942T

942T Series Loader for Agriculture: Developed and Mass-Produced. Optimized dumping height and bucket capacity, fully meeting the demands of grain loading in Northeast China.

E612 New Energy Wheel Loader

High load capacity, low noise, with optional high-performance lead-acid or lithium batteries—filling the gap in the 1.2-ton electric loader segment.




2023 EWJ12

EWJ12 Electric Excavator
The first electric excavator is launched, equipped with a 17 kWh high-capacity and high-safety blade-type lithium blade battery, offering 5-7.5 hours of full-charge operation.

TL3000

TL3000 Telescopic Loader
AOLITE has expanded its telescopic loader product line, laying a solid foundation for entering the agricultural markets in Europe and America.




2020202120222022202320242025

2020202120222022202320242025

20C "King Kong" Axle


The number of planetary gears on the 20C "King Kong" Axle has been upgraded from 3 to 4, improving the reliability and durability of the axle. Unique patented appearance design increases the overall machine load by 7%.

H-type appearance

The new H-type cab adopts a patented design, with a curved integrated glass front and excellent heat dissipation performance. The standard dual filters adapt to extreme working conditions and extend engine life by more than three times.


916D

In response to the trend of large-scale animal husbandry and the actual needs of old city reconstruction, the 916D small diesel loader was developed and designed.



H type axle

The 20C-type cast steel axle adopts a patented design, optimizing the materials and heat treatment process of important parts and improving the speed ratio.




E615

AOLITE's third pure electric loader, the E615, was successfully developed and put into the market. It has four-wheel drive and can operate under working conditions, and has the characteristics of energy saving, high efficiency and safety.



BL90-25

The AOLITE BL90-25 backhoe loader adheres to the innovative spirit of the BL105-25. As its follow-up product, it continues the tradition of advanced technology and excellent performance. By integrating the latest technology and R&D achievements, BL90-25 is committed to providing more efficient work performance, excellent energy efficiency, and constantly pursuing excellence in user experience. The combination of this series of products has established AOLITE's leading position in the field of backhoe loaders to meet the ever-evolving construction and engineering needs.



EFL25 New Energy Rough Terrain Forklift

Designed for heavier loads, quieter operation, and more complex handling scenarios.



ETL1200 Telescopic Arm Wheel Loader

Designed to meet customer demand for a 1.2-ton electric loader with a higher discharge height (3.2 meters).



Technical Contributor to GB/T Standards

GB/T 45047-2024: Electric Wheel Loaders
GB/T 45094-2024: Hybrid Power Wheel Loaders

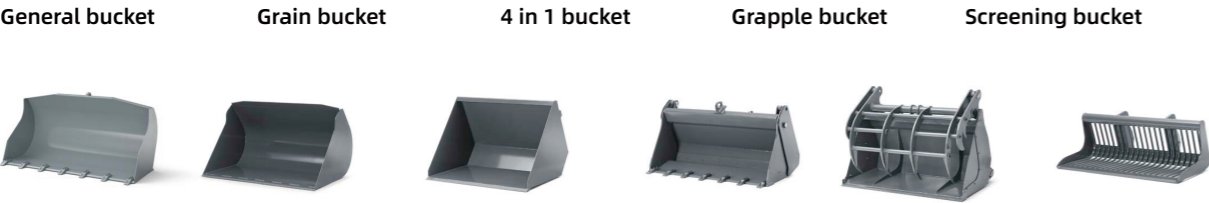
EU606

EU606 Electric Utility Vehicle
The first multi-functional utility vehicle is introduced, significantly enhancing product versatility. The EU606 combines the best features of compact tractors, pickup trucks, compact loaders, and utility vehicles, making it an all-round solution for site maintenance, farming, and ranch work.

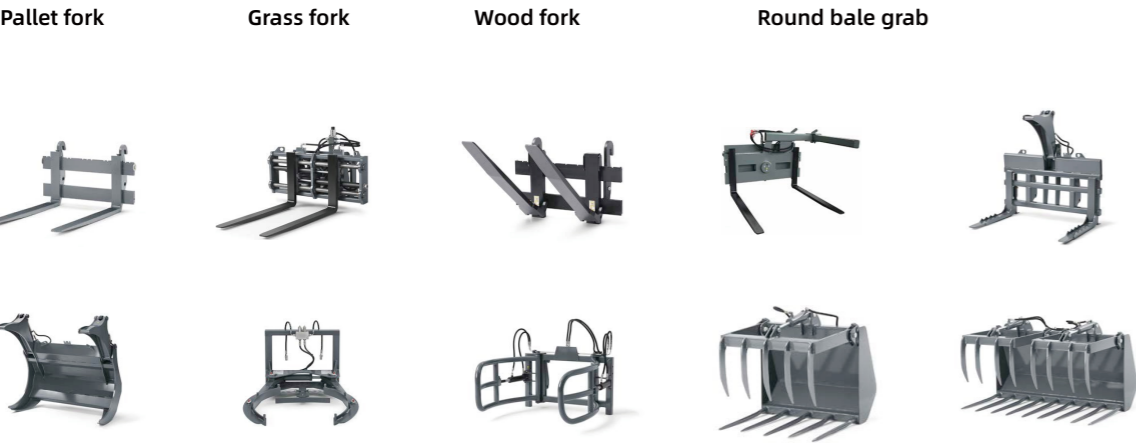


CUSTOMIZED DEVELOPMENT OF ATTACHMENTS

Buckets



Material handling



Property maintenance



Ground care

snow plow Snow broom



Landscaping

screw drill



Farming and horse stables



Tree removal



MOBILE ENERGY STORAGE

| Technical Parameter

Battery Capacity: 45 kWh
Climate Control: Integrated HVAC with guaranteed temperature setpoints.
DC Input (PV):
String 1: 2 panels (0.8-1.2 kW)
String 2: 5 panels (4-40 kW)
AC Input (Grid):
220V Single-Phase: 3-5 kW
380V Three-Phase: 20 kW
AC Output:
220V Single-Phase: 3-5 kW
380V Three-Phase: 20 kW
HMI: English-language touchscreen display for management.



TIRE TREADS



EM treads

Thanks to the almost parallel lamellas, the EM tread is particularly well suited for loose ground such as sand, soil or gravel. Thanks to the high thrust transmission, this tyre has a large footprint and runs very smoothly on the road.

AS treads

The tapered lamellas ensure safe driving, especially on slippery and dirty terrain.

Bibload treads

The Bibload tread offers high level of running smoothness and high mileage due to large ground contact area. Furthermore, the staggered tread blocks ensure optimum traction. The tread is further characterised by high wear resistance.



RP treads

Due to the large contact surface, the ground is traversed gently. This makes the RP tread particularly suitable for application on lawns.

MPT treads

The MPT profile offers the perfect combination of good traction on uneven ground conditions as well as fast road crossings.

Multi-use treads

The multi-use tread was specially designed for year-round use and various climate conditions. In summer, it provides good traction on loose surfaces. In winter, it offers stability on snow and slippery driving surfaces.

INNOVATION R&D

At what pace will AOLITE beat the drum of development?

AOLITE has always adhered to the R&D concept of continuous innovation. In order to cater to the diversity of market demands, the company's R&D pace has never stopped. The latest research and development directions cover telescopic handler and large rated load telescopic loader , and simultaneous innovations are carried out in the diesel and electric loaders fields.

First, the company introduced telescopic handler into the model lineup, a move aimed at meeting the market's demand for multifunctional and efficient telescopic handlers. As a key tool in the field of construction machinery, telescopic handlers play an important role in various industrial and construction projects. By adding this model, AOLITE has conveyed to the market a positive response to diversified operating needs and provided more comprehensive solutions.



Secondly, AOLITE conducts research and development simultaneously in the diesel and electric fields, which not only demonstrates its concern for environmental protection and energy efficiency, but also provides customers with more flexible choices. While the diesel engine remains powerful, the electric technology demonstrates a commitment to environmental sustainability. This dual R&D strategy aims to meet market demand for different power types and provide customers with more personalized choices.

At the same time, the research and development of large rated load telescopic loaders is also a major progress for the company in its pursuit of innovation. The design of the telescopic loaders makes the loader more flexible in complex engineering environments, while the large rated load further satisfies some special application scenarios that require stronger handling capabilities.

Finally, the continuous expansion of the electric series is to cater to the continuous development and internationalization needs of the international market. Electric construction machinery has significant advantages in environmental protection and emission reduction. AOLITE has demonstrated its efforts in the direction of sustainable development by launching more electric models, while also meeting the growing demand for environmentally friendly construction machinery worldwide needs.

In summary, AOLITE's R&D ideas fully reflect its keen insight into market demand and its persistent pursuit of innovation. By introducing new models, dual-track diesel and electric R&D, and continuously expanding its electric loaders range, the company has demonstrated its unremitting determination to meet diversified market needs. This R&D strategy will not only enable AOLITE to maintain a competitive advantage in market competition, but also provide customers with more diversified and efficient construction machinery solutions.

OUR ADVANTAGES

AOLITE has won significant competitive advantages in the construction machinery industry by virtue of its excellent technical strength, innovative R&D concepts and excellent product performance.

First of all, AOLITE takes technological leadership as its core competitiveness and is committed to developing and introducing advanced engineering machinery technology. Through continuous innovation, the company's products have always been at the forefront of the industry, meeting the market's constant demand for efficient, energy-saving, and environmentally friendly engineering machinery.

Secondly, AOLITE's products are of excellent quality and are known for their high reliability and durability. Using high-quality materials and advanced technology, the products can still maintain excellent performance under extreme working conditions, providing users with stable and reliable engineering solutions.

In addition, AOLITE focuses on customer experience and provides a full range of after-sales services. The company has established a complete service network to ensure timely and efficient response to customer needs. This has enabled Aolite Heavy Industry to win a good reputation in the market and establish the brand's authoritative image in the industry.

AOLITE has successfully occupied a leading position in the construction machinery industry with its advantages of leading technology, excellent product quality and comprehensive services. In the future, with the continuous development of science and technology and the changing market, AOLITE will continue to uphold a professional and sophisticated attitude to help customers achieve greater success.

60 +

Patent

20 +

Research experts

6 +

R&D platform

DIVERSIFICATION
INDIVIDUATION
SPECIAL CHARACTERISTICS
SUSTAINABILITY

OUR HONORS

- * China high technology enterprises
- * Technology-based small and medium-sized enterprise in Shandong Province
- * Innovative small and medium-sized enterprise in Shandong Province
- * Shandong Provincial Innovation and Research Center for Small and Medium sized Enterprises
- * Weifang "One Enterprise, One Technology" R&D Center
- * China Famous Trademark
- * China Famous Brand
- * China Quality Service Integrity AAA Enterprise
- * Shandong Province Advanced Enterprise in Contract Abiding and Creditworthiness
- * Green Environmental Protection First Choice Brand
- * Shandong Province Governor's Cup Industrial Design Bronze Award
- * Weifang City Mayor's Cup Industrial Design Bronze Award
- * Technical Contributor to GB/T Standards for Electric Wheel Loaders and Hybrid Power Wheel Loaders

INDUSTRY PARTNERS



AOLITE IN THE WORLD

■ | North America region

In the North American market, AOLITE has a strong market share in the United States and Canada. The company provides comprehensive product and service support through its dealer network and partners.

■ | Latin America Region

AOLITE has entered into Latin American market since 2010. In there, Aolite has a significant market share in Brazil, Argentina, Chile and other countries. Our company is committed to meet the growing local demand for construction machinery.

■ | Middle East and Africa region

The Middle East and Africa are also important markets for AOLITE. The company has branches in the United Arab Emirates, South Africa and other places to better serve local customers.

■ | Europe region

AOLITE has also achieved significant results in the European market. Our products have been widely used in more than a dozen countries including Germany, France, and the United Kingdom, especially new energy products. Kingdom and other countries.

■ | Asia Pacific region

China: As the headquarters of AOLITE, the Chinese market is one of the company's most important markets. In China, AOLITE has an extensive sales network and service system covering various provinces and regions.

Southeast Asia: AOLITE also has a significant market share in Southeast Asia, especially in Vietnam, Indonesia, Malaysia and other countries with strong sales networks.

AOLITE has successfully covered all continents in the world through its extensive global sales network and complete service system, providing customers with high-quality engineering machinery products and professional after-sales services.

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EWJ12



E604



E606



ETL600



EFL12



EWD16



E610PRO



E612



E615



ETL1200



EFL25

NEW ENERGY LOADER




Electric Mini Excavator

EWJ12


| Technical Parameter

Overall operation weight	1010kg
Bucket capacity	0.02m³
Motor type	Triple-phase asynchronous
Rated power capacity	5.5kW
Rated torque	19.4N·m
Type	LiFePO4 Lithium Battery
Capacity	17kWh
Voltage	70.4v
Work time	5~7.5h
Charge time	5.5h
Main pump type	gear pump
Main pump max.flow	2*9.9L/min
System pressure	16Mpa
Compound pump type	gear pump
Compound max.flow	9.9L/min
Compound pressure	3.9Mpa
Swing speed	9rpm
Walking speed	2.9/1.5 km/h
Grade ability	57.7%
Ground pressure	24.5kPa
Hydraulic oil tank volume	10.7L
Max.digging height	a 2505mm
Max.dumping height	b 1720mm
Max.digging depth	c 1440mm
Max.vertical digging depth	e 1085mm
Max.digging distance	f 2845mm
(Overground) max.digging distance	g 2735mm
Min.front swing radius	h 1350mm
Bucket max.lifting height	i 225mm
Bucket max.digging depth	j 225mm
Movable boom deviation	73/53°
Bucket digging force	9.4kN
Arm digging force	5.8kN
Swing arm length	1350mm
Rod length	700mm
Overall length	A 2675mm
Overall height	B 2275mm
Overall width	C 750/1000mm
Bottom ground clearance	D 420mm
Min.ground distance	E 130mm
Tail swing radius	F 775mm
Track earthing distance	G 975mm
Track length	H 1300mm
Track gage	I 570/820mm
Track width	J 750/1000mm
Track board width	K 180mm
Machine max.height	L 2275mm
Rotation table width	N 740mm


| Advantages and characteristics




Small body




Zero emissions




Flexible mobility



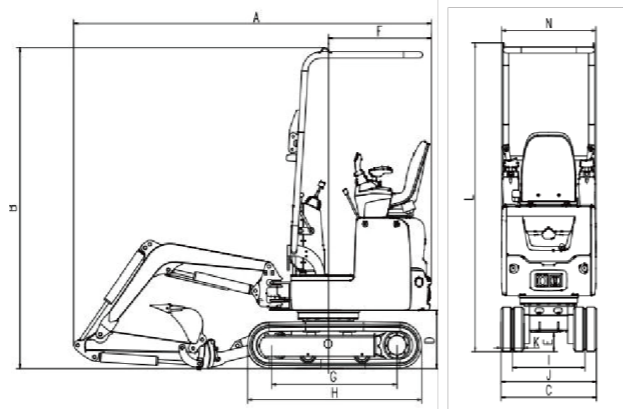
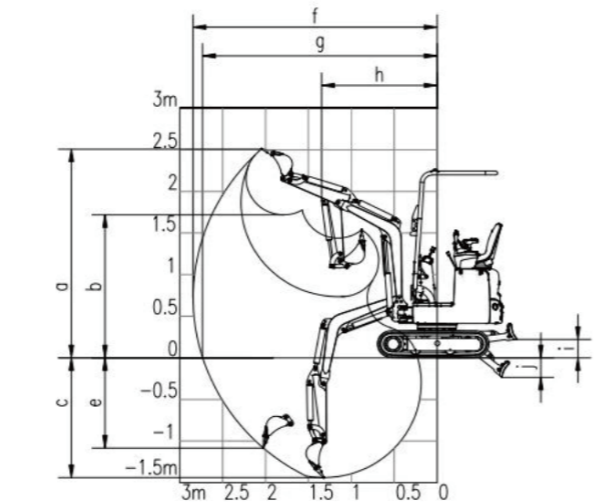
Low noise



security system



Quick change system



Widely used in farm,food factories, wineries, interior demolition, landscaping, vegetable greenhouses etc.



- 1

Low maintenance cost, the battery, motor and electronic control systems are maintenance-free, only the hydraulic system needs to be maintained.

Equipped with the 17 kWh large-capacity blade type LiFe-PO4 lithium battery, providing work time of 5-7.5h when fully charged.
- 2

The retractable tracks, with a minimum width of 750mm, facilitate operation in confined spaces.
- 3

Option Quick Hitch.It can allow the removal and installation of various attachments in a time-saving and rapid manner.
- 4

The standard tiltable/foldable canopy meets EU TOPS safety certification requirements to protect the operator. The protective cage provides improved maneuverability when folded.
- 5

Equipped with electronically controlled intelligent speed regulation control and the high-power three-phase asynchronous motor, fast action response, high efficiency and low energy consumption.
- 6

The hydraulic joystick control is firstly applied for the working device, featuring better accuracy and smoothness.


Electric
Wheel Loader


E604


| Technical Parameter


Rated load（kg）	400
Overall weight （kg）	1120
Bucket capacity （m³）	0.2
Max.steering angle	±35°
Min. steering radius （mm）	2520
Amplitude of the rear axle	7°
Total time （s）	7.5
Working time （h）	6
Working speed （km/h）	low speed 10 high speed 18
Dumping height （mm）	1400
Lifting height （mm）	2160
Overall dimension （mm）	3260*1140*2085
Dumping distance （mm）	600
Bucket width （mm）	1040
Wheel base （mm）	1330
Wheel tread （mm）	840
Min. ground clearance （mm）	200
Battery model	6-EVF-150
Battery type	Maintenance-free lead-acid battery
Battery quantity	5
Battery capacity （kWh）	9
Rated voltage （V）	60
Charging time(h)	8
Walking system voltage （V）	60
Walking system power （kW）	2.5*2
Motor quantity	2
Tyre model	6.00-12
Working brake	Drum oil brake
Parking brake	Drum handbrake


| Advantages and characteristics


Small body

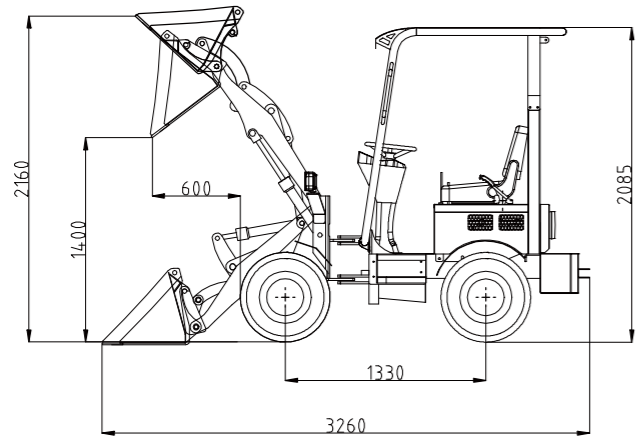
Zero emissions

Flexible mobility

Low noise

security system

Quick change system




Electric
Wheel Loader


E606


| Technical Parameter


Rated load（kg）	650
Overall weight （kg）	2050
Bucket capacity （m³）	0.25
Max.steering angle	±45°
Min. steering radius （mm）	2050
Amplitude of the rear axle	19°
Total time （s）	8
Working time （h）	6
Working speed （km/h）	low speed 10/high speed 20
Dumping height （mm）	2170
Lifting height （mm）	3330
Overall dimension （mm）	3810*1260*2270
Dumping distance （mm）	405
Bucket width （mm）	1130
Wheel base （mm）	1380
Wheel tread （mm）	945
Min. ground clearance （mm）	200
Battery model	3-EVF-200
Battery type	Maintenance-free lead-acid battery
Battery quantity	12
Battery capacity （kWh）	14.4
Rated voltage （V）	72
Charging time(h)	8
Walking system voltage （V）	72
Walking system power （kW）	4*2
Motor quantity	2
Tyre model	26×12.00-12
Working brake	Drum oil brake
Parking brake	Drum handbrake


| Advantages and characteristics


Small body

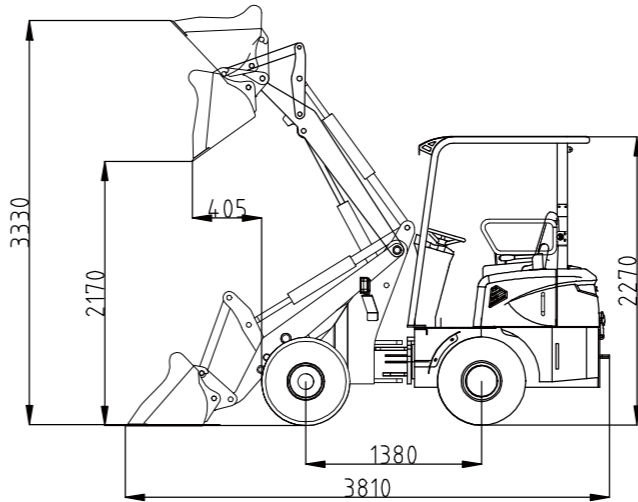
Zero emissions

Flexible mobility

Low noise

security system

Quick change system




Electric
Wheel Loader


ETL600


| Technical Parameter


Rated load(kg)	600
Overall weight(kg)	2170
Bucket capacity（m³）	0.25
Total time(h)	9
Amplitude of the rear axle	19°
Working time(h)	6
Working speed(km/h)	Low speed 10 / High speed 20
Minimum ground clearance(mm)	200
Overall length(mm)	4290
Overall width(mm)	1260
Overall height(mm)	2270
Wheel base(mm)	1380
Wheel tread(mm)	945
Bucket width(mm)	1115
Steering angle	45°
Dumping angle	33°
Dumping distance(shortest)(mm)	772
Dumping distance(longest)(mm)	1254
Dumping height(lowest)(mm)	2618
Dumping height(highest)(mm)	3440
Lifting height(lowest)(mm)	3099
Lifting height(highest)(mm)	3918
Battery model	3-EVF-200
Battery type	Maintenance-free lead-acid battery
Battery quantity	12
Battery capacity(kWh)	14.4
Rated voltage(v)	72
Charging time(h)	8
Electrical system voltage(v)	12
Hydraulic system power mode	AC
Hydraulic system voltage(v)	72
Hydraulic system power(kW)	5
Hydraulic system displacement(ml/r)	18
Hydraulic motor speed(r/min)	Low speed 800 High speed 2200
Hydraulic system pressure	16
Steering system type	Hydraulic steering
Hydraulic steering system pressure(mpa)	14
Steering gear model	5-125
Steering cylinder model(mm)	63*190
Steering cylinder quantity	1
Walking system power mode	AC
Walking system voltage(v)	72
Walking system power(kW)	4*2
Motor quantity	2
Tyre model	26x12.00-12
Tyre pressure(mpa)	0.25
Tyre quantity	4
Working brake	Drum oil brake
Parking brake	Drum handbrake


| Advantages and characteristics


Small body

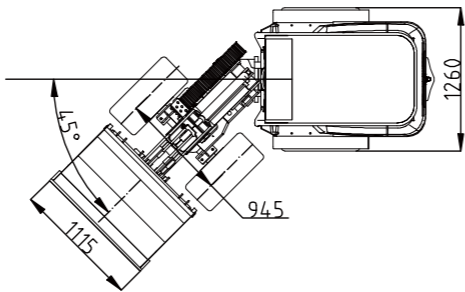
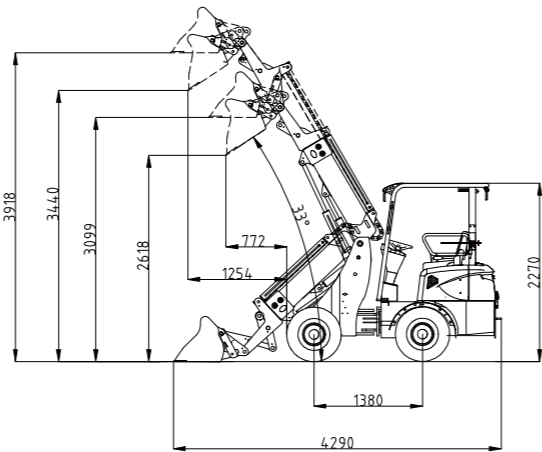
Zero emissions

Flexible mobility

Low noise

security system

Quick change system




Electric
Wheel Loader


EFL12

| Technical Parameter

Rated load（kg）	1200
Overall weight（kg）	2115
Bucket capacity（m³）	---
Max.steering angle	±45°
Min. steering radius（mm）	2050
Amplitude of the rear axle	19°
Total time（s）	---
Working time（h）	6
Working speed（km/h）	low speed 10/high speed 20
Dumping height（mm）	---
Lifting height（mm）	3050
Overall dimension（mm）	3800*1260*2270
Dumping distance（mm）	---
Fork length（mm）	920
Wheel base（mm）	1380
Wheel tread（mm）	945
Min. ground clearance（mm）	200
Battery model	3-EVF-200
Battery type	Maintenance-free lead-acid battery
Battery quantity	12
Battery capacity（kWh）	14.4
Rated voltage（V）	72
Charging time(h)	8
Walking system voltage（V）	72
Walking system power（kW）	4*2
Motor quantity	2
Tyre model	26×12.00-12
Working brake	Drum oil brake
Parking brake	Drum handbrake


| Advantages and characteristics

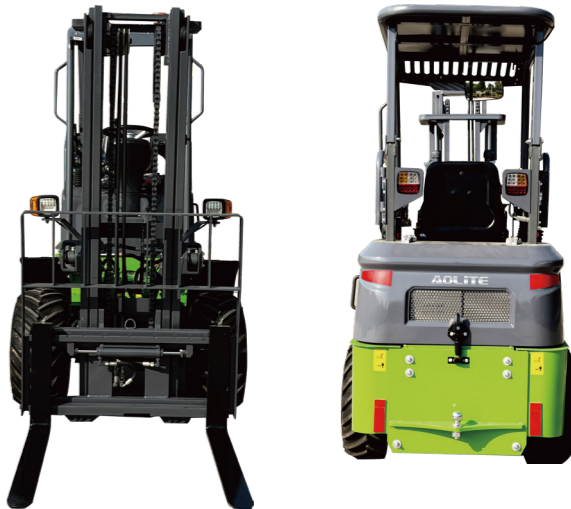
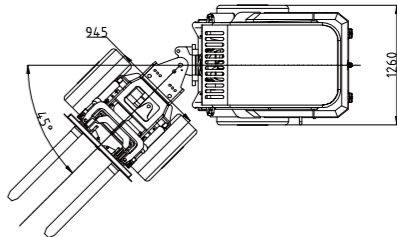
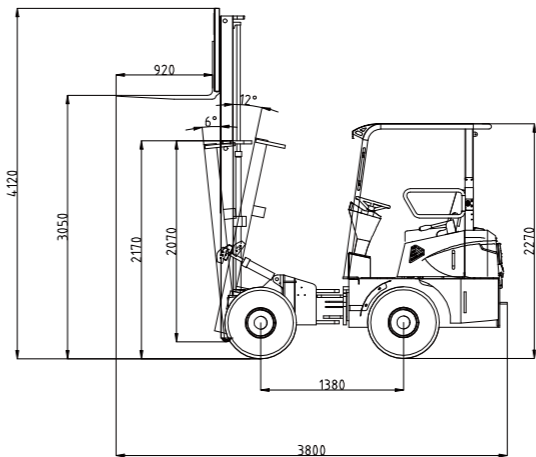
Small body

Zero emissions

Flexible mobility

Low noise

security system




Electric
Wheel Loader


EWD16


| Technical Parameter


Rated load（kg）	1600
Overall weight （kg）	1980
Bucket capacity （m³）	1.0
Max.steering angle	±45°
Min. steering radius （mm）	2050
Amplitude of the rear axle	19°
Total time （s）	---
Working time （h）	6
Working speed （km/h）	low speed 10/high speed 20
Dumping height （mm）	600
Lifting height （mm）	---
Overall dimension （mm）	3325*1260*2270
Dumping distance （mm）	620
Bucket width （mm）	1120
Wheel base （mm）	1380
Wheel tread （mm）	945
Min. ground clearance （mm）	200
Battery model	3-EVF-200
Battery type	Maintenance-free lead-acid battery
Battery quantity	12
Battery capacity （kWh）	14.4
Rated voltage （V）	72
Charging time(h)	8
Walking system voltage （V）	72
Walking system power （kW）	4*2
Motor quantity	2
Tyre model	26×12.00-12
Working brake	Drum oil brake
Parking brake	Drum handbrake


| Advantages and characteristics


Small body

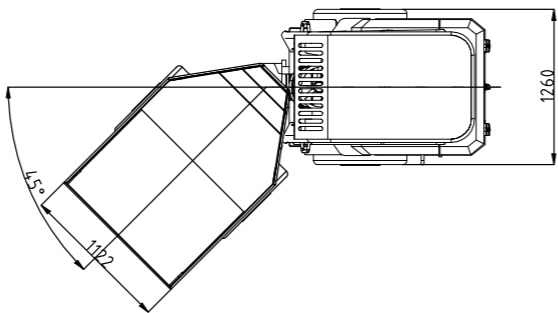
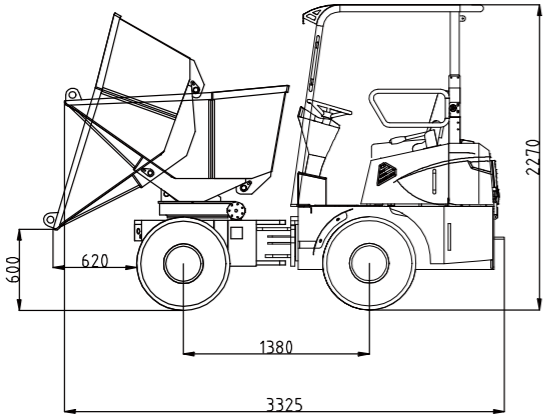
Zero emissions

Flexible mobility

Low noise

security system

Quick change system




Electric
Wheel Loader


E610PRO


| Technical Parameter


Rated load（kg）	1000
Overall weight （kg）	2500
Bucket capacity （m³）	0.42
Max.steering angle	±45°
Min. steering radius （mm）	2800
Amplitude of the rear axle	±8
Total time （s）	8
Working time （h）	7
Working speed （km/h）	Low 10/High 20
Dumping height （mm）	1970
Lifting height （mm）	2517
Overall dimension （mm）	4200*1730*2510
Dumping distance （mm）	460
Bucket width （mm）	1730
Wheel base （mm）	1640
Wheel tread （mm）	1185
Min. ground clearance （mm）	210
Battery model	73.6-400
Battery type	LiFePO ₄ battery
Battery quantity	1
Battery capacity （kWh）	29.4
Rated voltage （V）	73.6
Charging time(h)	5
Walking system voltage （V）	72
Walking system power （kW）	15*2
Motor quantity	2
Tyre model	31X15.5-15
Working brake	Drum brake
Parking brake	Drum handbrake


| Advantages and characteristics

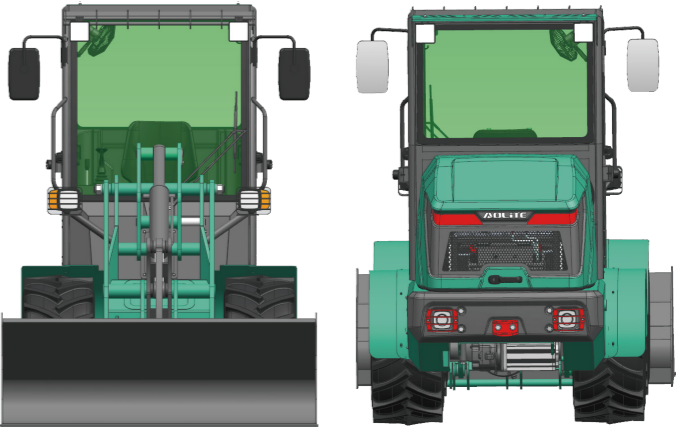
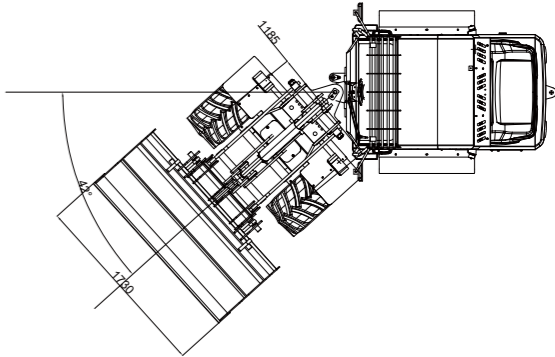
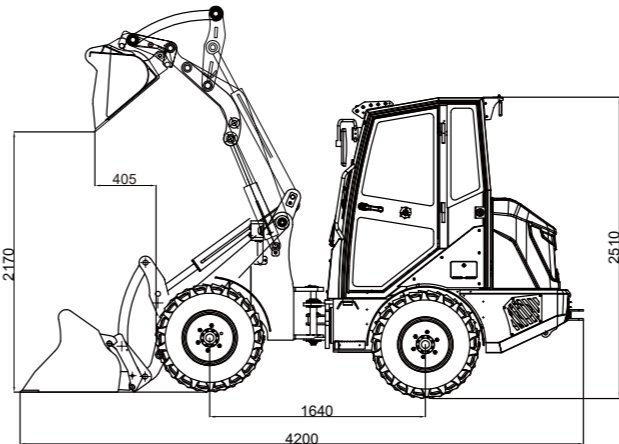
Small body

Zero emissions

Flexible mobility

Low noise

security system




Electric
Wheel Loader

E612


| Technical Parameter

Rated load（kg）	1200
Overall weight （kg）	3100
Bucket capacity （m³）	0.45
Max.steering angle	±40°
Min. steering radius （mm）	3500
Amplitude of the rear axle	19
Total time （s）	9.9
Working time （h）	5
Working speed （km/h）	low speed 10 / high speed18
Dumping height （mm）	2410
Lifting height （mm）	3580
Overall dimension （mm）	4885*1730*2500
Dumping distance （mm）	860
Bucket width （mm）	1730
Wheel base （mm）	1835
Wheel tread （mm）	1185
Min. ground clearance （mm）	210
Battery model	TEV12-265
Battery type	Maintenance-free lead-acid battery
Battery quantity	8
Battery capacity （kWh）	25.4
Rated voltage （V）	96
Charging time(h)	8
Walking system voltage （V）	96
Walking system power （kW）	15
Motor quantity	2
Tyre model	31×15.5-15
Working brake	Drum oil brake
Parking brake	Drum handbrake


| Advantages and characteristics




Small body




Zero emissions




Flexible mobility



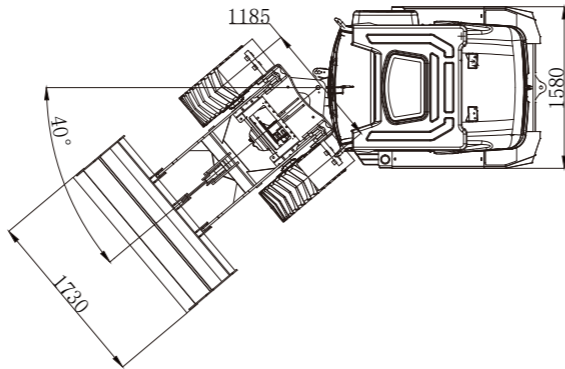
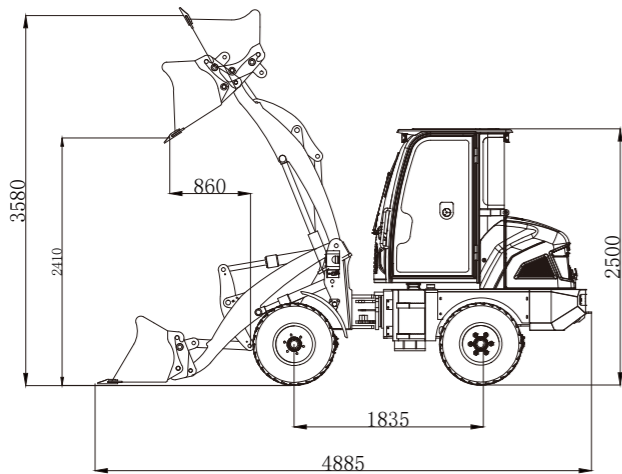
Low noise



security system



Quick change system




Electric
Wheel Loader

E615


| Technical Parameter

Rated load（kg）	1500
Overall weight （kg）	3980
Bucket capacity （m³）	0.7
Max.steering angle	±35°
Min. steering radius （mm）	4440
Amplitude of the rear axle	20°
Total time （s）	9
Working time （h）	5
Working speed （km/h）	low speed 6/high speed 16
Dumping height （mm）	2570
Lifting height （mm）	3270
Overall dimension （mm）	5360*1970*2720
Dumping distance （mm）	945
Bucket width （mm）	1970
Wheel base （mm）	1975
Wheel tread （mm）	1510
Min. ground clearance （mm）	250
Battery model	120V-180Ah
Battery type	LiFePO ₄ battery
Battery quantity	20
Battery capacity （kWh）	58.4
Rated voltage （V）	120
Charging time(h)	8
Walking system voltage （V）	120
Walking system power （kW）	20
Motor quantity	1
Tyre model	15.5/60-18
Working brake	Air push oil
Parking brake	Caliper disc brake


| Advantages and characteristics




Small body




Zero emissions




Flexible mobility



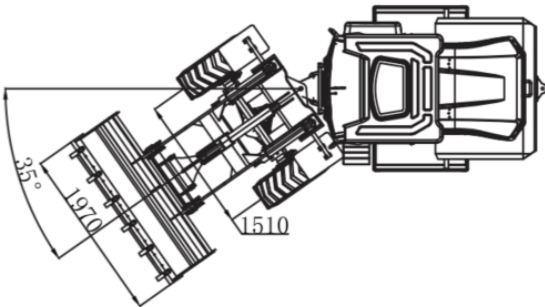
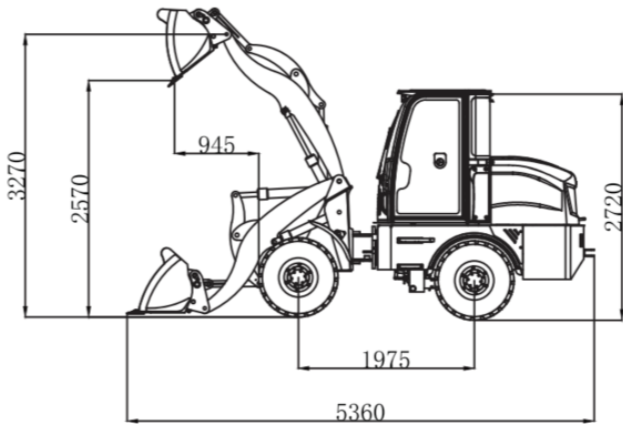
Low noise



security system



Quick change system

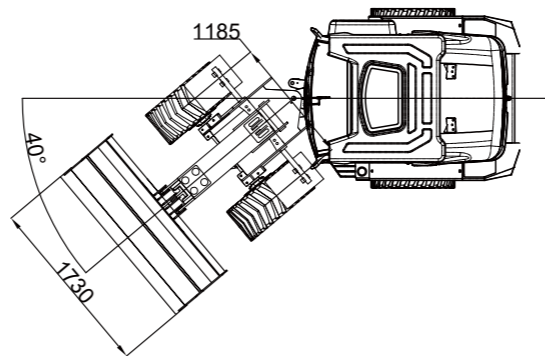
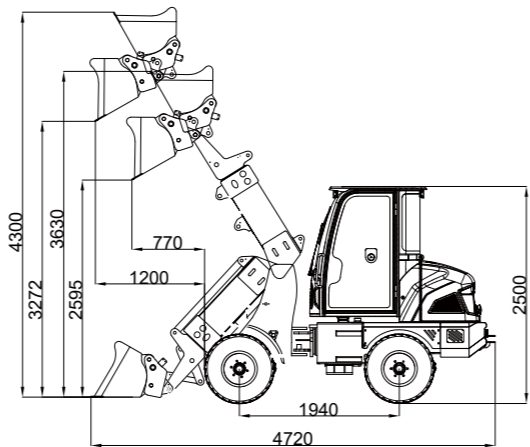


Electric Wheel Loader

ETL1200

| Technical Parameter

Rated load (kg)	1200
Overall weight (kg)	3800
Bucket capacity(m³)	0.45
Triple Combined Time （s）	9.9
Max. steering angle	40°
Working time （h）	5
Walking Speed （km/h）	Low speed 10 High speed 20
Min.ground clearance (mm)	210
Length(mm)	4720
Width(mm)	1730
Height(mm)	2500
Wheelbase (mm)	1940
Wheeltread (mm)	1185
Bucket length(mm)	1730
Dumping angle	28°
Dumping reach (fully retracted) (mm)	770
Dumping reach (fully extended) (mm)	1200
Dumping height (fully retracted) (mm)	2595
Dumping height (fully extended) (mm)	3272
Lifting height (fully retracted) (mm)	3630
Lifting height (fully extended) (mm)	4300
Battery model	TEV12-265
Battery type	Maintenance-free lead-acid battery
Battery quantity	8
Battery capacity (kWh)	25.4
Rated voltage (V)	96
Charging time(h)	8
Electric system voltage	12
Hydraulic system power supply	AC
Hydraulic system volyage （v）	96
Hydraulic system power （kW）	7.5
Hydraulic system displacement (ml/r)	25
Hydraulic motor speed (r/min)	Low speed 800 High speed 2300
Steering system pressure (MPa)	16
Steering pump model	5-200
Walking system power supply	AC
Walking system voltage (V)	96
Walking system power (kW)	15
Number of walking motors	2
Tire	31X15.5-15
Working brake	Drum oil brake
Parking brake	Drum Parking Brake



| Advantages and characteristics

Small body

Zero emissions

Flexible mobility

Low noise

security system

Quick change system

Electric Wheel Loader

EFL25

| Technical Parameter

Rated load （kg）	2500
Overall weight （kg）	3465
Bucket capacity （m³）	---
Max.steering angle	40°
Min. steering radius （mm）	3500
Amplitude of the rear axle	±8°
Total time （s）	---
Working time （h）	5
Working speed （km/h）	Low speed 10/High speed 20
Dumping height （mm）	---
Lifting height （mm）	4060
Overall dimension （mm）	4500*1580*2700
Dumping distance （mm）	---
Fork length （mm）	1070
Wheel base （mm）	1835
Wheel tread （mm）	1185
Min. ground clearance （mm）	210
Battery model	TEV12-265
Battery type	Maintenance-free lead-acid battery
Battery quantity	8
Battery capacity （kWh）	25.4
Rated voltage （V）	96
Charging time(h)	8
Walking system voltage （V）	96
Walking system power （kW）	15
Motor quantity	2
Tyre model	31X15.5-15
Working brake	Drum oil brake
Parking brake	Drum handbrake

| Advantages and characteristics

Small body

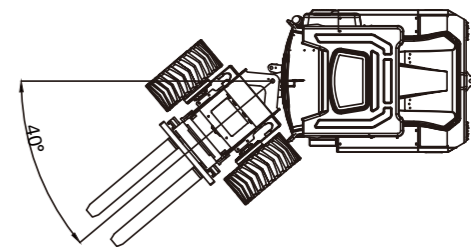
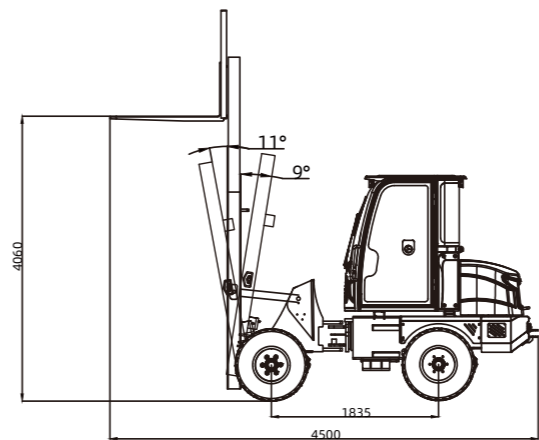
Zero emissions

Flexible mobility

Low noise

security system

Quick change system





H SERIES HYDROSTATIC SERIES LOADER



606H

610H

612H

615H

618H

620H

The models are constantly expanding.



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The product technology of AOLITE loader is constantly improving and upgrading. If there are differences between the configuration parameters, details, and appearance in the product sample, the actual product shall prevail; The above interpretation rights belong to AOLITE, and we reserve the right to produce products without prior notice to the user.



HYDROSTATIC SERIES LOADER

AOLITE's focus on hydrostatic loaders is key to tapping into the high-end markets of Europe and America and addressing its shortcomings. With its core advantages of high efficiency, energy savings, and comfort, this technology is becoming mainstream in the high-end market and holds broad prospects. It is particularly well-suited to Europe and America's demands for high efficiency, low costs, and stringent environmental standards.

The technology continues to evolve, with electric hydrostatic transmission emerging as a clear trend. Its zero-emission and low-noise features perfectly align with the requirements of green construction. Building on its expertise in electrification, AOLITE will empower its hydrostatic systems by developing electric/hybrid models to achieve differentiated breakthroughs.

Specific strategies include:

First, focusing on breakthroughs by initially concentrating resources on developing 1-2T products that highlight the values of "high efficiency, energy savings, and comfort."

Second, strengthening collaboration by strategically partnering with top-tier suppliers while increasing in-house R&D to ensure optimal performance of core components.

Third, benchmarking against European and American standards by completing rigorous CE certification and operational validation for all products before market entry, building trust in the high-end market with reliable quality.

Hydrostatic Series Loader

606H

| Technical Parameter

Rated load (kg)	600
Bucket capacity (m³)	0.25
Overall weight (kg)	1750
Max. dumping height (mm)	2170
Dumping distance (mm)	405
Gearbox model	Variable displacement piston pump
Transmission mode	Hydrostatic
Low gear(Km/h)	7
Highgear (Km/h)	14
Max. steering angle	±45°
Minimum turning radius (mm)	2050
Length (mm)	3810
Width (mm)	1260
Height (mm)	2270
Bucket width (mm)	1130
Wheel base (mm)	1380
Wheel tread (mm)	980
Min. ground clearance(mm)	200
Engine model	3B11Y51P254
Engine brand	Xinchai
Rated power(kW)	18.5
Rated speed (r/min)	2400
Alxe model	06H axle
Tyre	26×12.00-12
Working brake	Drum brake
Parking brake	Drum handbrake



| Advantages and characteristics



Small body



Zero emissions



Flexible mobility



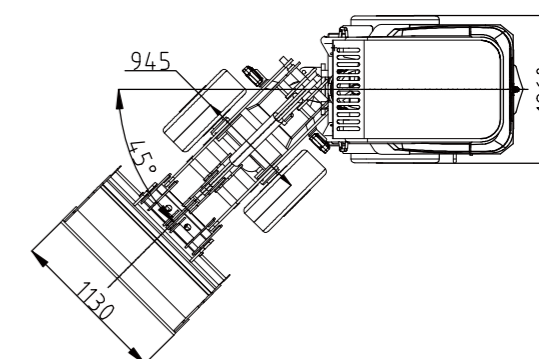
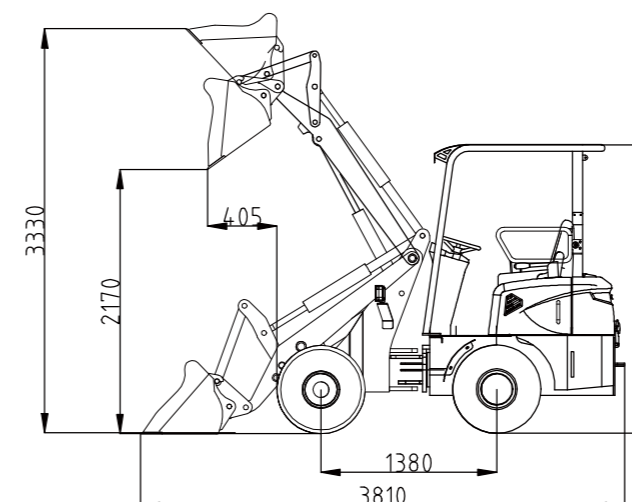
Low noise



security system



Quick change
system



BACKHOE LOADER



BL35



BL70



BL80A



BL90A



BL90H



BL105H



Backhoe Loader

BL35

| Technical Parameter

Rated load（kg）	1200
Bucket capacity（m³）	0.8
Overall Weight（kg）	3450
Max. Dumping height（mm）	2226
Dumping distance（mm）	1116
Gearbox model	265Y
Transmission mode	Hydraulic torque converter
Low gear（km/h）	5
High gear（km/h）	18
Max. steering angle	± 28°
Length（mm）	5600
Width（mm）	1680
Height（mm）	2746
Bucket width（mm）	1680
Wheel base（mm）	1775
Wheel tread（mm）	1620
Min. ground clearance（mm）	280
Engine model	C490BPG
Engine brand	Xinchai
Rated power（kW）	36.8
Rated speed(r/min)	2650
Alxe model	Hub reduction axle
Tyre	20.5/70-16
Working break	Air over hydraulic
Parking break	Caliper disc brake
Turning raduis(outside of bucket) (mm)	3500
Backhoe bucket capacity（m³）	0.16
Max. digging depth（mm）	2640
Max. digging radius（mm）	3870
Max. dumping height（mm）	2830
Max. digging height（mm）	3688
Max.digging radius lifting capacity（kg）	470



| Advantages and characteristics



Low noise



security system



Small body



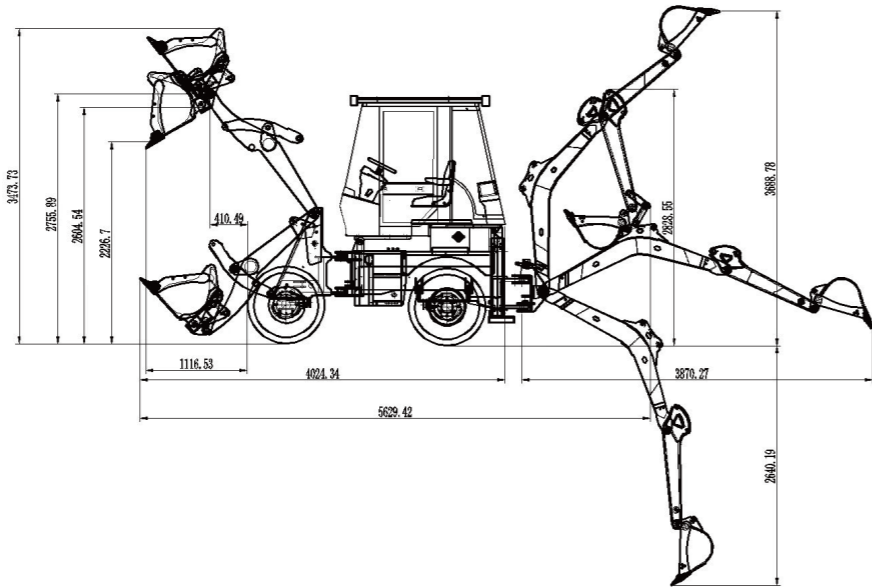
Accurate control



Quick change system



Flexible mobility



Backhoe Loader

BL70

| Technical Parameter

Rated load（kg）	2500
Bucket capacity（m³）	1.3
Overall Weight（kg）	6300
Max. Dumping height（mm）	3000
Dumping distance（mm）	840
Gearbox model	265Y
Transmission mode	Hydraulic torque converter
Low gear（km/h）	5
High gear（km/h）	30
Max. steering angle	±30°
Length（mm）	5890
Width（mm）	2300
Height（mm）	2910
Bucket width（mm）	2100
Wheel base（mm）	2455
Wheel tread（mm）	2000
Min. ground clearance（mm）	238
Engine model	4102
Engine brand	YUNNEI
Rated power（kW）	55
Rated speed(r/min)	2300
Alxe model	big hub reduction axle
Tyre	16/70-20
Working break	air push oil
Parking break	caliper disc brake
Turning raduis(outside of bucket) (mm)	5000
Backhoe bucket capacity（m³）	0.3
Max. digging depth（mm）	3830
Max. digging radius（mm）	5160
Max. dumping height（mm）	4700
Max. digging height（mm）	4700
Max.digging radius lifting capacity（kg）	750



| Advantages and characteristics



Low noise



security system



Small body



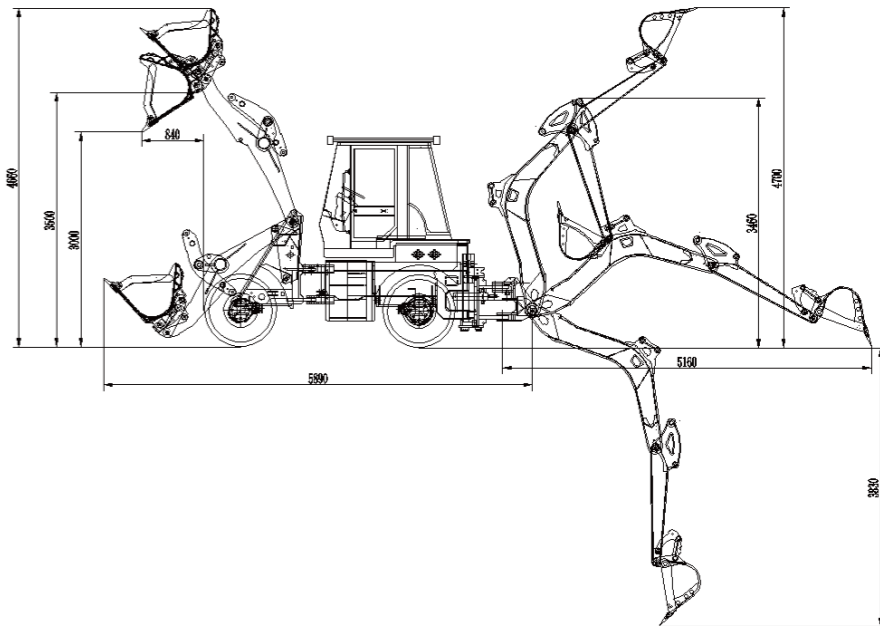
Accurate control



Quick change system



Flexible mobility



Backhoe Loader

BL80A

| Technical Parameter

Rated load （kg）	2500
Bucket capacity （m³）	1.0
Overall Weight （kg）	7860
Max. Dumping height （mm）	2940
Dumping distance （mm）	820
Gearbox model	YJ280
Transmission mode	Hydraulic torque converter
Low gear （km/h）	5
High gear （km/h）	40
Max. steering angle	± 45°
Length （mm）	6500
Width （mm）	2390
Height （mm）	2930
Bucket width （mm）	2100
Wheel base （mm）	2320
Wheel tread （mm）	1805
Min. ground clearance （mm）	310
Engine model	WP4G100E220
Engine brand	Weichai
Rated power （kW）	73
Rated speed(r/min)	2200
Alxe model	WZZD75D ZL30
Tyre	F 14-17.5 R 19.5L-24
Working break	Air over hydraulic
Parking break	Caliper disc brake
Turning raduis(outside of bucket) (mm)	6580
Backhoe bucket capacity （m³）	0.3
Max. digging depth （mm）	4085
Max. digging radius （mm）	5467
Max. dumping height （mm）	3795
Max. digging height （mm）	5655
Max.digging radius lifting capacity （kg）	1220



| Advantages and characteristics



Low noise



security system



Small body



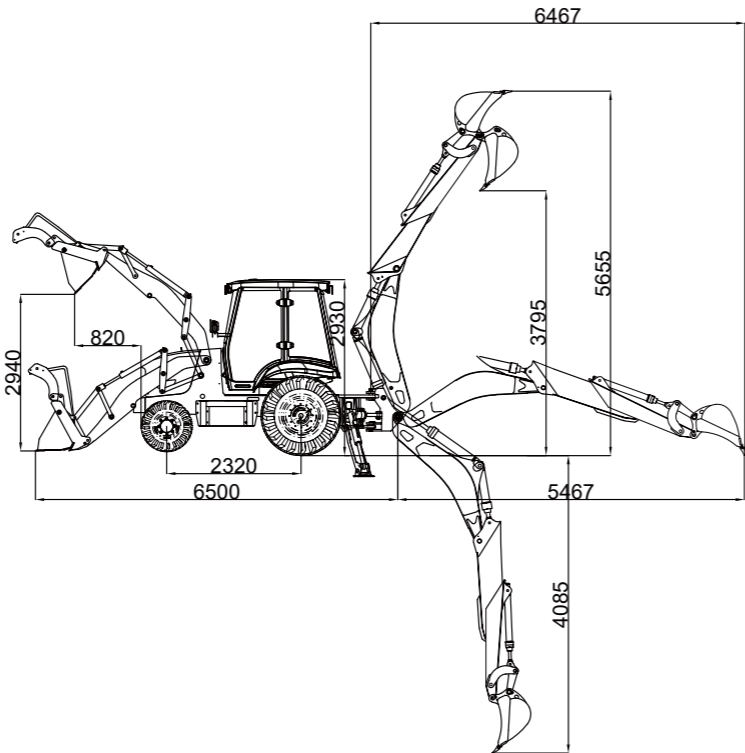
Accurate control



Quick change system



Flexible mobility



Backhoe Loader

BL90H

| Technical Parameter

Rated load （kg）	2500
Bucket capacity （m³）	1.2
Overall Weight （kg）	9000
Max. Dumping height （mm）	3120
Dumping distance （mm）	925
Gearbox model	YJ280
Transmission mode	Hydraulic torque converter
Low gear （km/h）	5
High gear （km/h）	40
Max. steering angle	± 45°
Length （mm）	6400
Width （mm）	2460
Height （mm）	2980
Bucket width （mm）	2460
Wheel base （mm）	2225
Wheel tread （mm）	1805
Min. ground clearance （mm）	310
Engine model	WP4G100E220
Engine brand	Weichai
Rated power （kW）	73
Rated speed(r/min)	2200
Alxe model	(F) front axle WZZD75D (R) rear axle ZL30
Tyre	F12.5/70-18/R16.9-28
Working break	air push oil
Parking break	Handbrake clamp disc type
Turning raduis(outside of bucket) (mm)	6600
Backhoe bucket capacity （m³）	0.3
Max. digging depth （mm）	3510
Max. digging radius （mm）	5565
Max. dumping height （mm）	3725
Max. digging height （mm）	5370
Max.digging radius lifting capacity （kg）	1220



| Advantages and characteristics



Low noise



security system



Small body



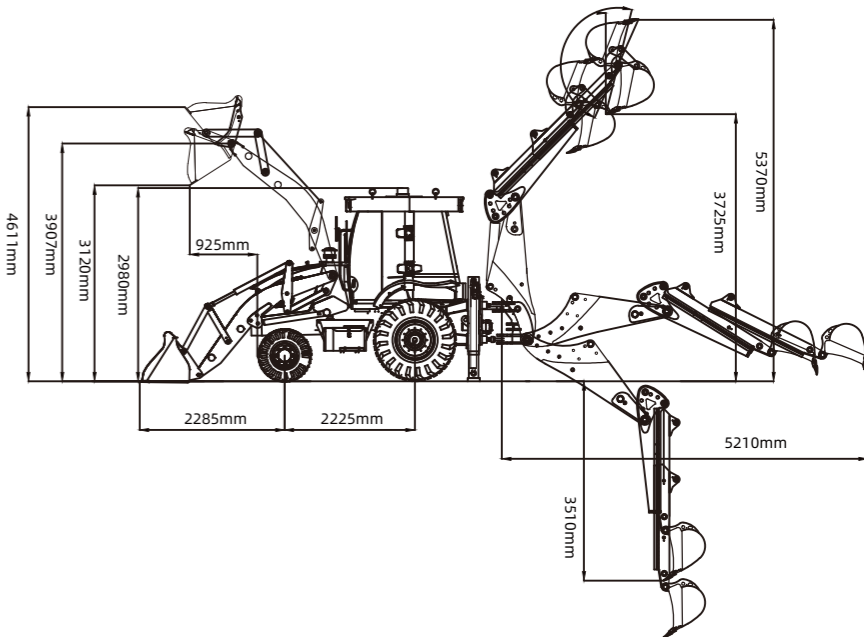
Accurate control



Quick change system



Flexible mobility




Backhoe Loader BL90A


| Technical Parameter

Rated load （kg）	2500
Bucket capacity （m³）	1.2
Overall Weight （kg）	8800
Max. Dumping height （mm）	3120
Dumping distance （mm）	925
Gearbox model	YJ280
Transmission mode	Hydraulic torque converter
Low gear （km/h）	5
High gear （km/h）	40
Max. steering angle	± 45°
Length （mm）	6400
Width （mm）	2460
Height （mm）	2980
Bucket width （mm）	2460
Wheel base （mm）	2220
Wheel tread （mm）	F1900/R1825
Min. ground clearance （mm）	310
Engine model	WP4G100E22
Engine brand	Weichai
Rated power （kW）	73
Rated speed(r/min)	2200
Alxe model	FWZZD75D RZL30
Tyre	F12.5/70-18/R16.9-28
Working break	Air push oil
Parking break	Caliper disc brake
Turning raduis(outside of bucket) (mm)	6600
Backhoe bucket capacity （m³）	0.3
Max. digging depth （mm）	3510
Max. digging radius （mm）	5565
Max. dumping height （mm）	3725
Max. digging height （mm）	5370
Max.digging radius lifting capacity （kg）	1220


| Advantages and characteristics




Omnipotent working condition




Quick change system




Security system




Strong power




Excellent Hydraulic



Flexible mobility

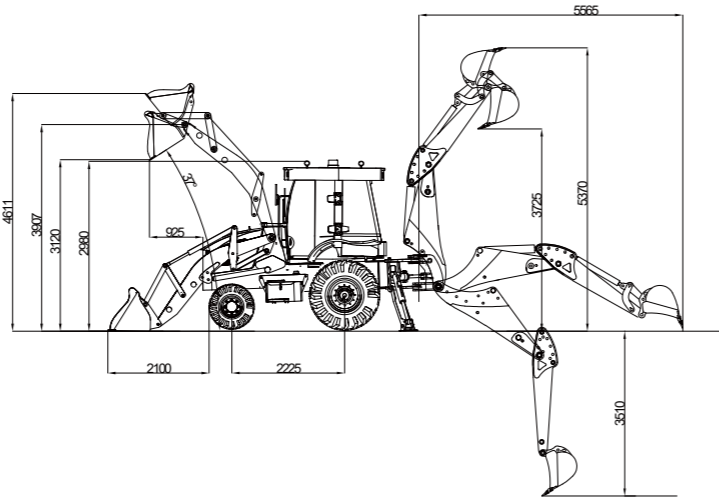
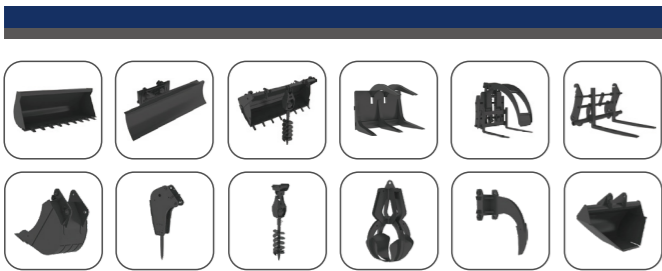


Sturdy structure



Accurate control

| Multiple Attachments



Backhoe Loader BL90A/BL90H



- 1 Powered by Weichai or Cummins engines, delivering robust performance, high torque reserve, excellent fuel efficiency, and meeting stringent emission standards such as China IV/Euro V.

2 Equipped with dedicated power-shift transmission for stable performance. The 4-forward/4-reverse gear setup adapts to complex conditions, ensuring efficient operation. Easy to operate with 2WD/4WD switchability. Optional Italy CARRARO transmission and drive axles available.

3 Loader Side: Optimized Eight-bar linkage mechanism ensures superior lifting parallelism. Standard automatic bucket leveling function boosts productivity.

4 Digger Side: Multiple bucket options like V-type, silt, and wide digging buckets for versatile applications.

5 CAN bus design ensures reliable and efficient data transmission.Front and rear LCD displays provide clear status visibility.
- 6 Full-range lighting system enables safe nighttime operation.

7 Centralized, easy-access maintenance points and a large rear-tilting hood simplify daily checks and repairs.

8 Optional High-Performance Hydraulic System. Features the "golden combination" of Rexroth variable piston pumps and full load-sensing multi-valves. On-demand oil supply significantly reduces energy consumption and heat buildup, enhancing system reliability and lifespan. Enables intelligent engine matching and overload protection.

9 Integrated frame constructed with high-strength Q355D steel plates ensures durability. Standard ROPS/FOPS safety cab with ergonomic controls for safety and comfort.

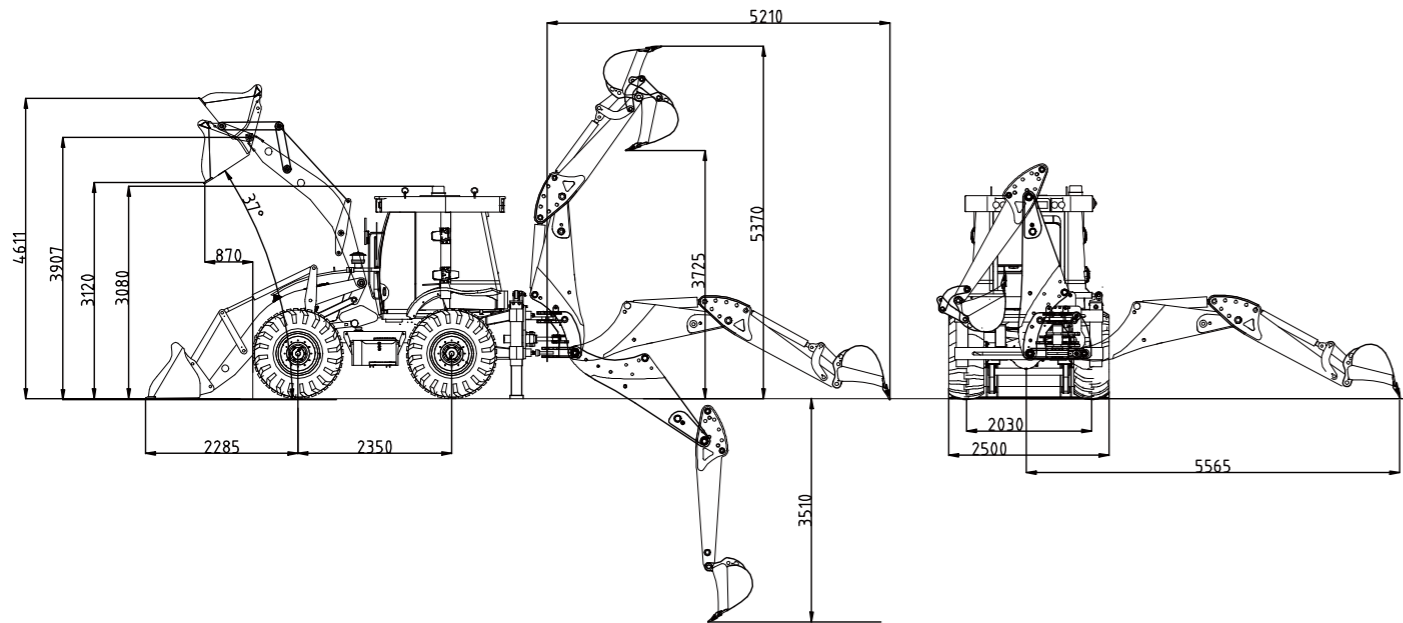
10 Compatible with dozens of attachments such as 6-in-1 buckets, breakers, augers, snow plows, log grapples, etc., enabling multi-functional use to meet diverse operational needs.

Backhoe Loader

BL105H

| Technical Parameter

Rated load (kg)	2500
Bucket capacity (m³)	1.2
Overall Weight (kg)	10200
Max. Dumping height (mm)	3120
Dumping distance (mm)	870
Gearbox model	315Y
Transmission mode	Hydraulic torque converter
Low gear (km/h)	5
High gear (km/h)	40
Max. steering angle	± 18°
Length (mm)	6400
Width (mm)	2500
Height (mm)	3080
Bucket width (mm)	2460
Wheel base (mm)	2350
Wheel tread (mm)	2030
Min. ground clearance (mm)	380
Engine model	WP4G100E220
Engine brand	Weichai
Rated power (kW)	73
Rated speed(r/min)	2200
Alxe model	ZL30 steering axle
Tyre	16.9-28
Working break	air push oil
Parking break	Handbrake clamp disc type
Turning raduis(outside of bucket) (mm)	6420
Backhoe bucket capacity (m³)	0.3
Max. digging depth (mm)	3510
Max. digging radius (mm)	5565
Max. dumping height (mm)	3725
Max. digging height (mm)	5370
Max.digging radius lifting capacity (kg)	1220



| Advantages and characteristics

Omnipotent working condition

Quick change system

Security system

Strong power

Excellent Hydraulic

Flexible mobility

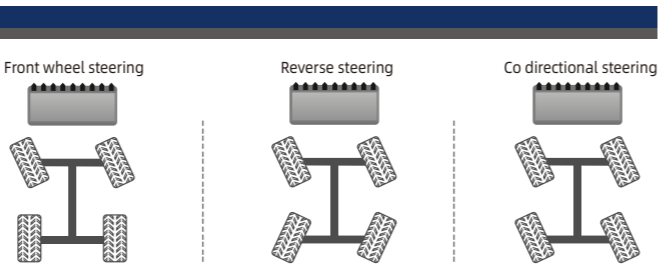
Sturdy structure

Accurate control

| Multiple Attachments



| Three Steering Models



Backhoe Loader

BL105H



- 1 Hydraulic system**
Adopting reliable hydraulic system technology to ensure smooth and efficient operation. The rated flow rate is 120L/min, which can meet more auxiliary equipment configuration requirements.
- 2 Walking system**
The input torque of the steering drive axle is 6000N·m, which is more than 50% higher than that of products of the same specifications on the market.
- 3 Multifunctional attachments**
Multifunctional attachments to meet different working needs, it enhances the flexibility and versatility.
- 4 Durable and reliable**
The structural elements uses China national standard Q355D steel ,which effectively protecting its strength from degradation in -40 ° C environments, ensuring the stability and durability of the loader.
- 5 Long time warranty**
We offer up to 18 months or 3,000 hours of warranty on the machine and axle.
- 6 Energy saving**
Weichai 4-cylinder 73kW engine ,high torque,It can effectively utilize the power and reduce the emission at the same time.





TELESCOPIC ARM WHEEL LOADER



ETL600



TL1000



ETL1200



TL3000



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Telescopic Arm
Wheel Loader

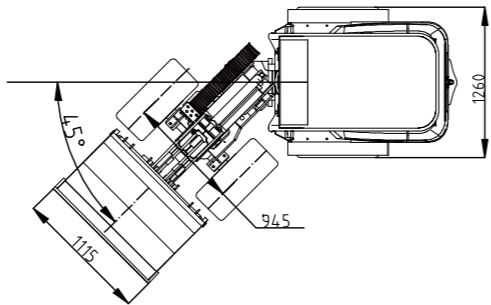
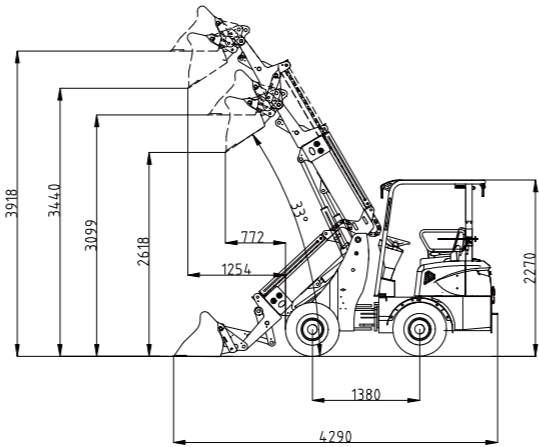
ETL600

| Technical Parameter

Rated load (kg)	600
Overall weight (kg)	2170
Bucket capacity(m³)	0.25
Triple Combined Time (s)	9
Max. steering angle	45°
Working time (h)	6
Walking Speed (km/h)	Low speed 10 / High speed 20
Min.ground clearance (mm)	200
Length(mm)	4290
Width(mm)	1260
Height(mm)	2270
Wheelbase (mm)	1380
Wheeltread (mm)	945
Bucket length(mm)	1115
Dumping angle	33°
Dumping reach (fully retracted) (mm)	772
Dumping reach (fully extended) (mm)	1254
Dumping height (fully retracted) (mm)	2618
Dumping height (fully extended) (mm)	3440
Lifting height (fully retracted) (mm)	3099
Lifting height (fully extended) (mm)	3918
Battery model	3-EVF-200
Battery type	Maintenance-free lead-acid battery
Battery quantity	12
Battery capacity (kWh)	14.4
Rated voltage (V)	72
Charging time(h)	8
ELectrical system voltage(V)	12
Hydraulic system power supply	AC
Hydraulic system voltage (V)	72
Hydraulic system power (kW)	5
Hydraulic system displacement (ml/r)	18
Hydraulic motor speed (r/min)	Low speed 800 / High speed 2200
Steering system pressure (MPa)	16
Steering pump model	5-125
Walking system power supply	AC
Walking system voltage (V)	72
Walking system power (kW)	4*2
Number of walking motors	2
Tire	26x12.00-12
Working brake	Drum oil brake
Parking brake	Drum Parking Brake

| Advantages and characteristics

- Small body
- Zero emissions
- Flexible mobility
- Low noise
- security system
- Telescopic arm









Telescopic Arm
Wheel Loader

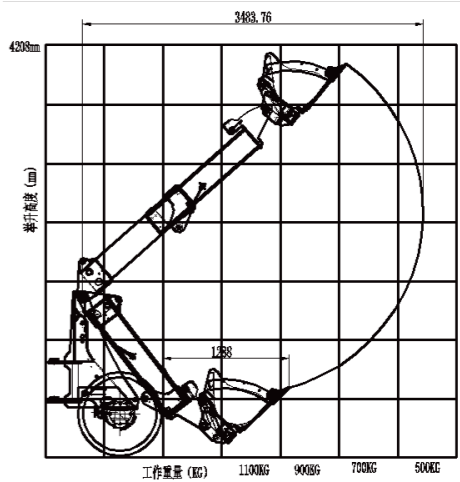
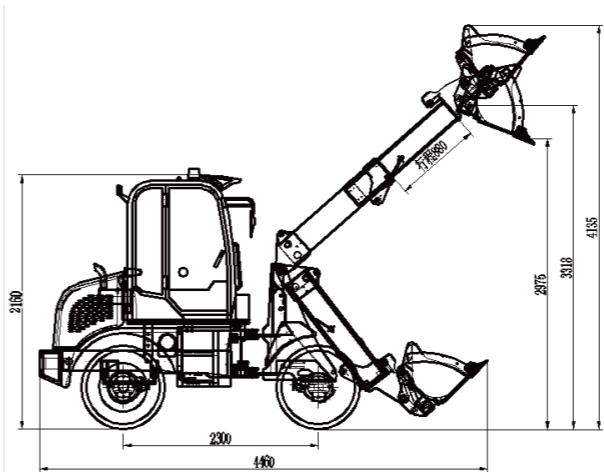
TL1000

| Technical Parameter

Rated Load(kg)	1000
Overall weight(kg)	3200
Bucket Capacity(m³)	0.4
Working speed(km/h)	Low speed 6 / High speed 25
Minimum ground clearance(mm)	260
Length(mm)	4460
Width (mm)	1680
Height(mm)	2160
Wheel base(mm)	2300
Wheel tread(mm)	1620
Bucket width(mm)	1680
Steering angle	±28°
Dumping reach (fully retracted) (mm)	1116
Dumping reach (fully extended) (mm)	1775
Dumping height (fully retracted) (mm)	2381
Dumping height (fully extended) (mm)	2975
Lifting height (fully retracted) (mm)	3318
Lifting height (fully extended) (mm)	4135
Transmission model	265Y
Transmission type	Hydraulic torque converter
Engine model	YN25GB
Engine manufacturer	Yunnei
Rated Power (kW)	37
Rated Speed (r/min)	2400
Drive axle type	Hub reduction axle
Tyre model	20.5-16
Working brake	Air over hydraulic
Parking brake	Caliper disc brake

| Advantages and characteristics

- Small body
- Telescopic arm
- Flexible mobility
- Low noise
- security system
- Quick change system

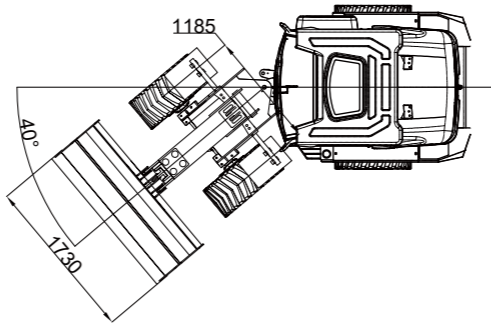
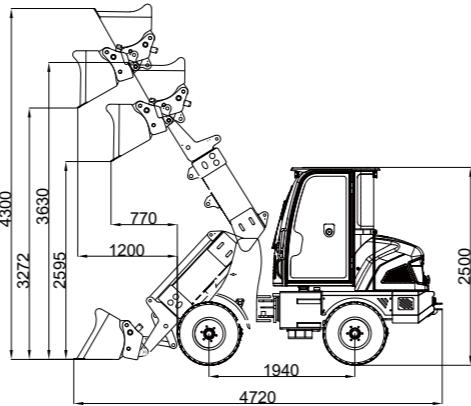


Telescopic Arm
Wheel Loader

ETL1200

| Technical Parameter

Rated load (kg)	1200
Overall weight (kg)	3800
Bucket capacity(m³)	0.45
Triple Combined Time （s）	9.9
Max. steering angle	40°
Working time （h）	5
Walking Speed （km/h）	Low speed 10 High speed 20
Min.ground clearance（mm）	210
Length(mm)	4720
Width(mm)	1730
Height(mm)	2500
Wheelbase（mm）	1940
Wheel tread（mm）	1185
Bucket length(mm)	1730
Dumping angle	28°
Dumping reach（fully retracted）(mm)	770
Dumping reach（fully extended）(mm)	1200
Dumping height（fully retracted）(mm)	2595
Dumping height（fully extended）(mm)	3272
Lifting height（fully retracted）(mm)	3630
Lifting height（fully extended）(mm)	4300
Battery model	TEV12-265
Battery type	Maintenance-free lead-acid battery
Battery quantity	8
Battery capacity（kWh）	25.4
Rated voltage（V）	96
Charging time(h)	8
Electric system voltage	12
Hydraulic system power supply	AC
Hydraulic system volyage （v）	96
Hydraulic system power （kW）	7.5
Hydraulic system displacement（ml/r）	25
Hydraulic motor speed（r/min）	Low speed 800 High speed 2300
Steering system pressure（MPa）	16
Steering pump model	5-200
Walking system power supply	AC
Walking system voltage（V）	96
Walking system power（kW）	15
Number of walking motors	2
Tire	31X15.5-15
Working brake	Drum oil brake
Parking brake	Drum Parking Brake



| Advantages and characteristics

Small body

Zero emissions

Flexible mobility

Low noise

security system

Quick change system

Telescopic Arm
Wheel Loader

TL3000

| Technical Parameter

Rated Load(kg)	2800
Overall weight(kg)	7080
Bucket Capacity(m³)	1.2
Working speed(km/h)	Low speed 6 / High speed 35
Minimum ground clearance(mm)	370
Length(mm)	6900
Width（mm）	2270
Height(mm)	2930
Wheel base(mm)	2675
Wheel tread(mm)	1720
Bucket width(mm)	2270
Steering angle	±35°
Dumping reach（fully retracted）(mm)	1155
Dumping reach（fully extended）(mm)	1644
Dumping height（fully retracted）(mm)	3218
Dumping height（fully extended）(mm)	3840
Lifting height（fully retracted）(mm)	4701
Lifting height（fully extended）(mm)	5324
Transmission model	280F
Transmission type	Hydraulic torque converter
Engine model	YN38GBZ
Engine manufacturer	Yunnei
Rated Power（kW）	76
Rated Speed（r/min）	2400
Drive axle type	Heavy-duty hub reduction axle
Tyre model	16/70-24
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics

Small body

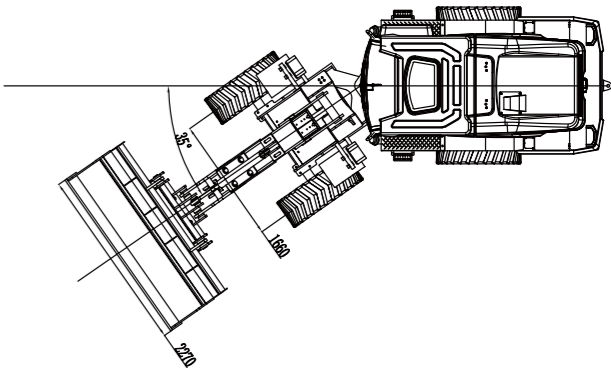
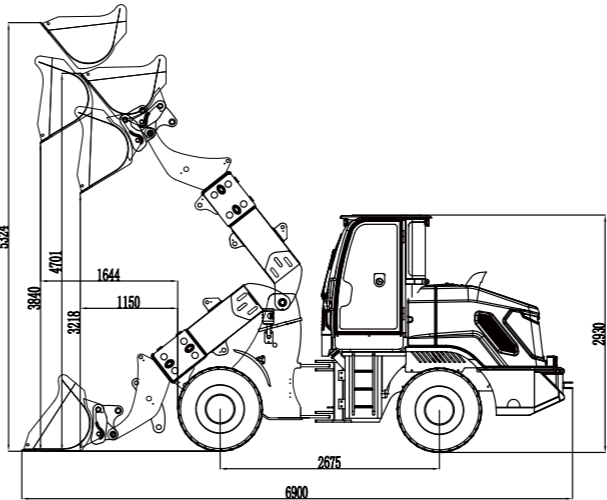
Telescopic arm

Flexible mobility

Low noise

security system

Quick change system





C SERIES HIGH-END VERSION



610C



612C



615C



618C



620C



622C



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C Series
High-End Version 610C


| Technical Parameter

Rated load (Kg)	1000
Bucket capacity (m³)	0.4
Overall weight (Kg)	2870
Max. dumping height (mm)	2430
Dumping distance (mm)	850
Gearbox model	240Y
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	5
Highgear (Km/h)	16
Max. steering angle	±35°
Length (mm)	4820
Width (mm)	1550
Height (mm)	2510
Bucket width (mm)	1530
Wheel base (mm)	2020
Wheel tread (mm)	1265
Min. ground clearance (mm)	220
Engine model	YN25GB
Engine brand	Yunnei
Rated power (kw)	37
Rated speed (r/min)	2400
Alxe model	Hub reduction axle
Tyre	12.5/70-16
Working brake	Air push oil
Parking brake	Caliper disc brake


| Advantages and characteristics




Small body




Diesel engine




Flexible mobility



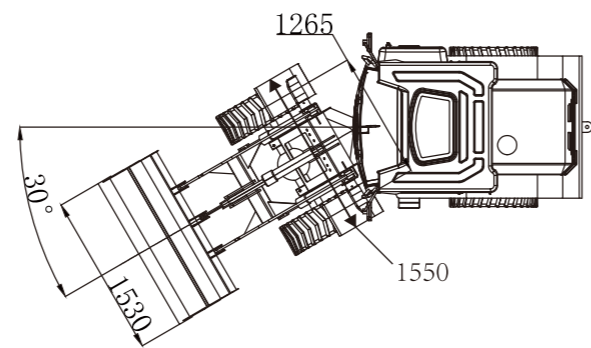
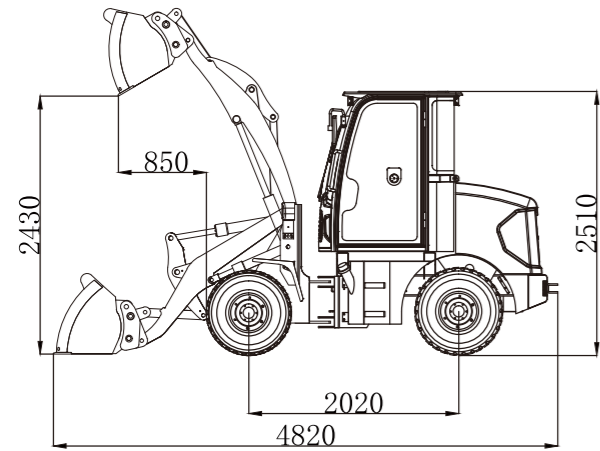
Simplify operations



security system



Quick change system




C Series
High-End Version 612C


| Technical Parameter

Rated load (Kg)	1200
Bucket capacity (m³)	0.7
Overall weight (Kg)	3585
Max. dumping height (mm)	2600
Dumping distance (mm)	1020
Gearbox model	265Y
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	5
High gear (Km/h)	16
Max. steering angle	±35°
Length (mm)	5045
Width (mm)	1970
Height (mm)	2600
Bucket width (mm)	1970
Wheel base (mm)	2205
Wheel tread (mm)	1490
Min. ground clearance (mm)	260
Engine model	YN27
Engine brand	Yunnei
Rated power (kw)	42
Rated speed (r/min)	2400
Alxe model	Hub reduction axle
Tyre	20.5-16
Working brake	Air push oil
Parking brake	Caliper disc brake


| Advantages and characteristics




Small body




Diesel engine




Flexible mobility



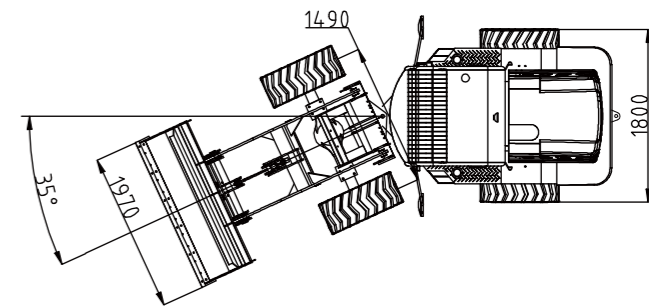
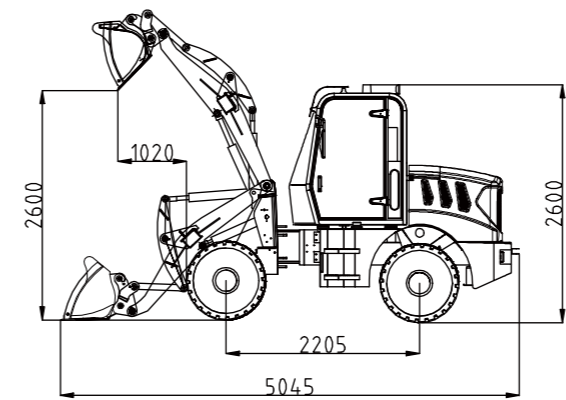
Simplify operations



security system



Quick change system




C Series High-End Version 615C


| Technical Parameter

Rated load (Kg)	1500
Bucket capacity (m³)	0.7
Overall weight (Kg)	4040
Max. dumping height (mm)	2620
Dumping distance (mm)	980
Gearbox model	265Y
Transmission mode	Hydraulic torque converter
Low gear(Km/h)	5
Highgear (Km/h)	18
Max. steering angle	±28°
Length (mm)	5700
Width (mm)	1980
Height (mm)	2800
Bucket width (mm)	1970
Wheel base (mm)	2330
Wheel tread (mm)	1490
Min. ground clearance(mm)	260
Engine model	YN27GBZ
Engine brand	Yunnei
Rated power(kw)	58
Rated speed (r/min)	2400
Alxe model	Hub reduction axle
Tyre	23.5-16
Working brake	Air push oil
Parking brake	Caliper disc brake


| Advantages and characteristics




Small body




Diesel engine




Flexible mobility



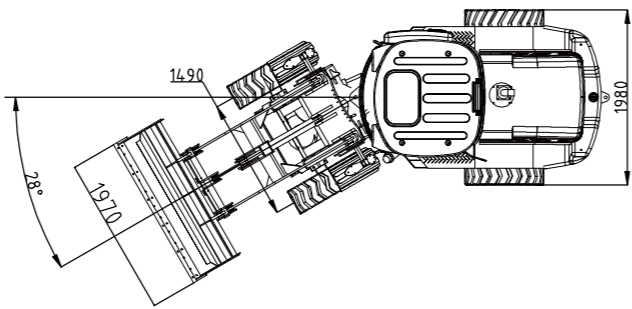
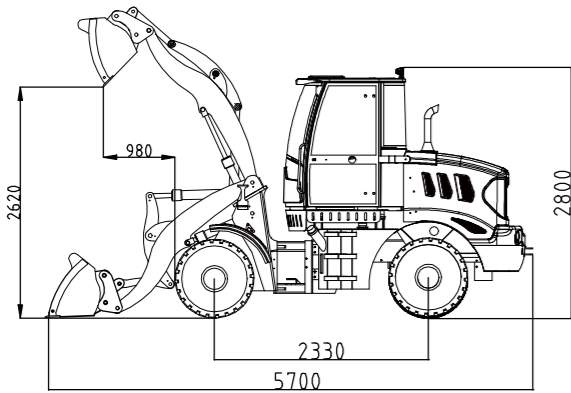
Simplify operations



security system



Quick change system




C Series High-End Version 618C


| Technical Parameter

Rated load (Kg)	1800
Bucket capacity (m³)	1.0
Overall weight (Kg)	4780
Max. dumping height (mm)	3100
Dumping distance (mm)	1075
Gearbox model	265F
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	6
High gear (Km/h)	20
Max. steering angle	±35°
Length (mm)	6146
Width (mm)	2070
Height (mm)	2880
Bucket width (mm)	2070
Wheel base (mm)	2310
Wheel tread (mm)	1570
Min. ground clearance (mm)	300
Engine model	YN33GBZ
Engine brand	Yunnei
Rated power (kW)	65
Rated speed (r/min)	2400
Alxe model	Hub reduction axle
Tyre	16/70-20
Working brake	Air push oil
Parking brake	Caliper disc brake


| Advantages and characteristics




Small body




Diesel engine




Flexible mobility



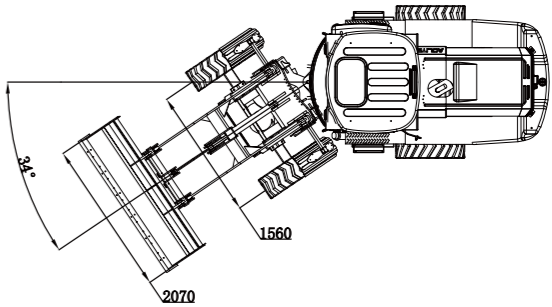
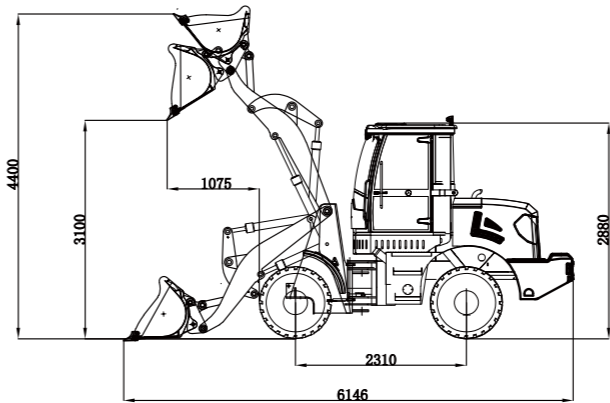
Simplify operations



security system



Quick change system




C Series
High-End Version 620C


| Technical Parameter

Rated load (Kg)	2000
Bucket capacity (m³)	1.1
Overall weight (Kg)	5860
Max. dumping height (mm)	3300
Dumping distance (mm)	1000
Gearbox model	280F
Transmission mode	Hydraulic torque converter
Low gear(Km/h)	6
Highgear (Km/h)	18
Max. steering angle	±35°
Length (mm)	6510
Width (mm)	2250
Height (mm)	2880
Bucket width (mm)	2250
Wheel base (mm)	2595
Wheel tread (mm)	1660
Min. ground clearance(mm)	310
Engine model	YN38GBZ
Engine brand	Yunnei
Rated power(kw)	76
Rated speed (r/min)	2400
Alxe model	Heavy-duty hub reduction axle
Tyre	16/70-20
Working brake	Air push oil
Parking brake	Caliper disc brake


| Advantages and characteristics




Small body




Diesel engine




Flexible mobility



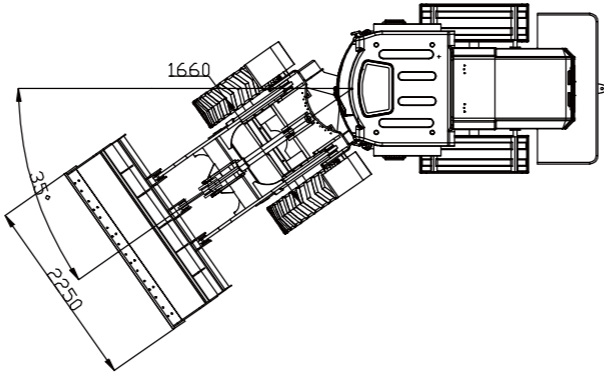
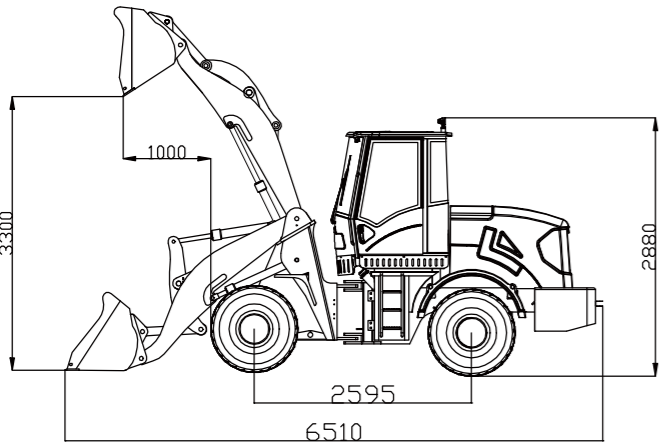
Simplify operations



security system



Quick change system




C Series
High-End Version 622C


| Technical Parameter

Rated load (Kg)	2200
Bucket capacity (m³)	1.1
Overall weight (Kg)	6060
Max. dumping height (mm)	3400
Dumping distance (mm)	1000
Gearbox model	280F
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	6
High gear (Km/h)	22
Max. steering angle	±35°
Length (mm)	6410
Width (mm)	2270
Height (mm)	2940
Bucket width (mm)	2270
Wheel base (mm)	2600
Wheel tread (mm)	1660
Min. ground clearance (mm)	310
Engine model	YN48GBZ
Engine brand	Yunnei
Rated power (kW)	92
Rated speed (r/min)	2400
Alxe model	Heavy-duty hub reduction axle
Tyre	16/70-24
Working brake	Air push oil
Parking brake	Caliper disc brake


| Advantages and characteristics




Small body




Diesel engine




Flexible mobility



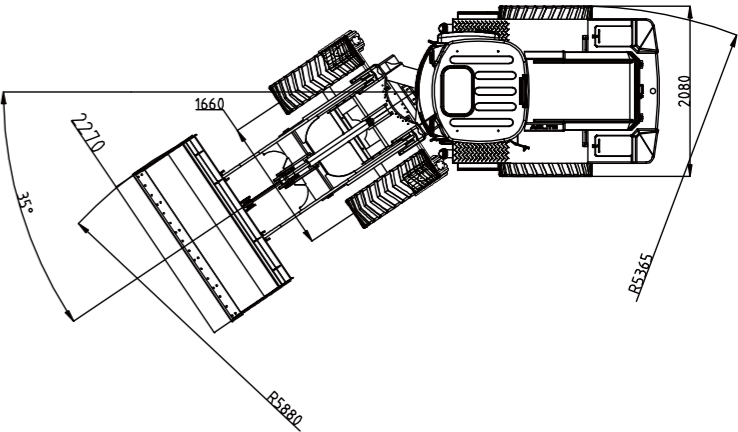
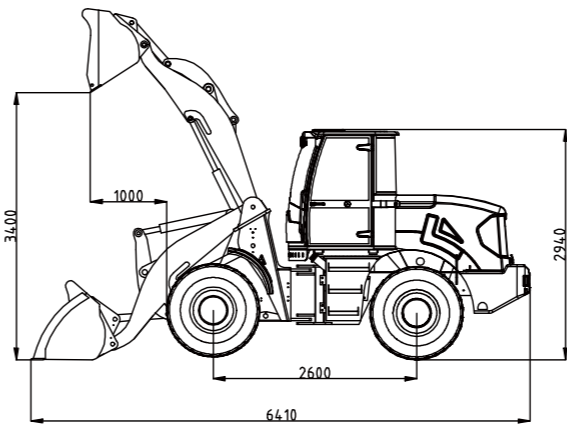
Simplify operations



security system



Quick change system





D SERIES ECONOMICAL VERSION



916D



925D



928D



930D



936D



630D



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D Series

Economical Version

916D





| Technical Parameter

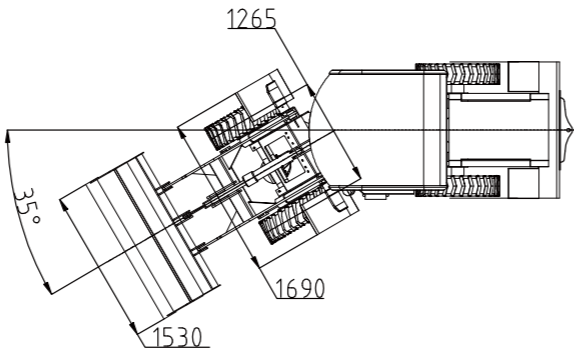
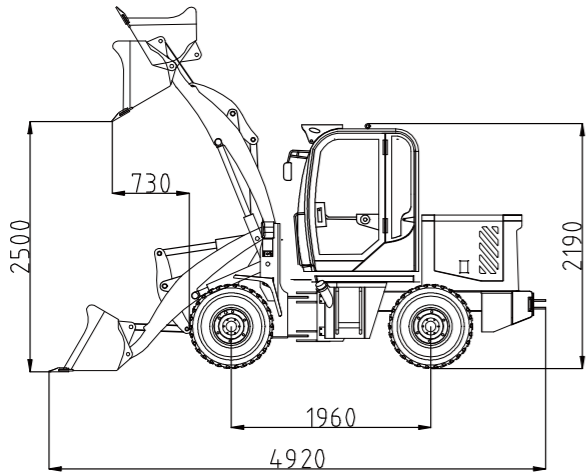
Rated load (Kg)	800
Bucket capacity （m³）	0.4
Overall weight (Kg)	2390
Max. dumping height (mm)	2500
Dumping distance (mm)	730
Gearbox model	265Y
Transmission mode	Hydraulic torque converter
Low gear(Km/h)	5
Highgear (Km/h)	16
Max. steering angle	±35°
Length (mm)	4920
Width (mm)	1690
Height (mm)	2190
Bucket width (mm)	1530
Wheel base (mm)	1960
Wheel tread (mm)	1265
Min. ground clearance(mm)	210
Engine model	YN25GB
Engine brand	Yunnei
Rated power(kw)	37
Rated speed (r/min)	2400
Alxe model	Hub reduction axle
Tyre	12.5/70-16
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics



- Excellent Dumping Height
- Diesel engine
- Flexible mobility
- Simplify operations
- security system
- Quick change system



D Series

Economical Version

925D



| Technical Parameter

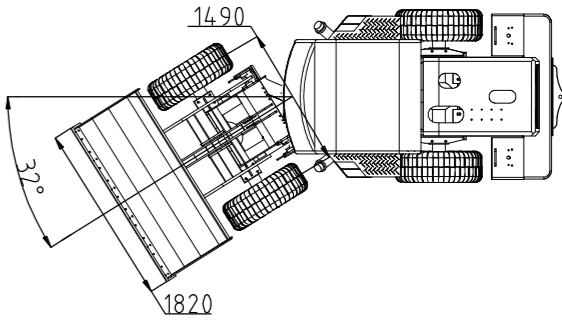
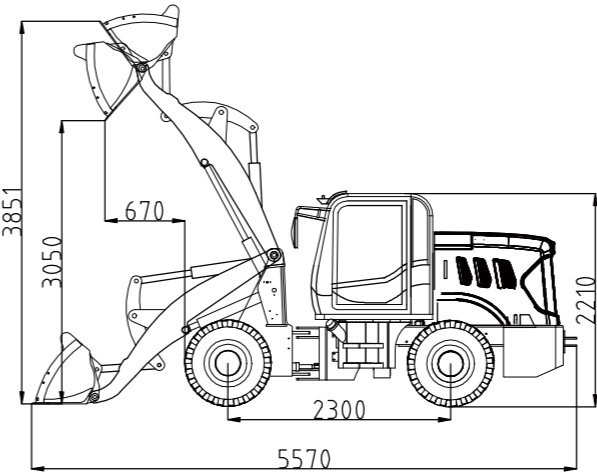
Rated load （Kg）	1100
Bucket capacity （m³）	0.54
Overall weight （Kg）	3245
Max. dumping height （mm）	3050
Dumping distance （mm）	670
Gearbox model	265Y
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	5
High gear (Km/h)	16
Max. steering angle	32°
Length （mm）	5570
Width （mm）	1820
Height （mm）	2210
Bucket width （mm）	1820
Wheel base （mm）	2300
Wheel tread （mm）	1490
Min. ground clearance （mm）	230
Engine model	YN27
Engine brand	Yunnei
Rated power （kW）	42
Rated speed （r/min）	2400
Alxe model	Hub reduction axle
Tyre	20.5-16
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics



- Excellent Dumping Height
- Diesel engine
- Flexible mobility
- Simplify operations
- security system
- Quick change system



D Series
Economical Version

928D


| Technical Parameter


Rated load (Kg)	1200
Bucket capacity （m³）	0.7
Overall weight (Kg)	3700
Max. dumping height (mm)	3200
Dumping distance (mm)	900
Gearbox model	265Y
Transmission mode	Hydraulic torque converter
Low gear(Km/h)	5
Highgear (Km/h)	16
Max. steering angle	±33°
Length (mm)	5790
Width (mm)	1970
Height (mm)	2760
Bucket width (mm)	1970
Wheel base (mm)	2300
Wheel tread (mm)	1490
Min. ground clearance(mm)	240
Engine model	YN27
Engine brand	Yunnei
Rated power(kw)	42
Rated speed (r/min)	2400
Alxe model	Hub reduction axle
Tyre	20.5-16
Working brake	Air over hydraulic
Parking brake	Caliper disc brake





| Advantages and characteristics





- 

Excellent Dumping Height
- 

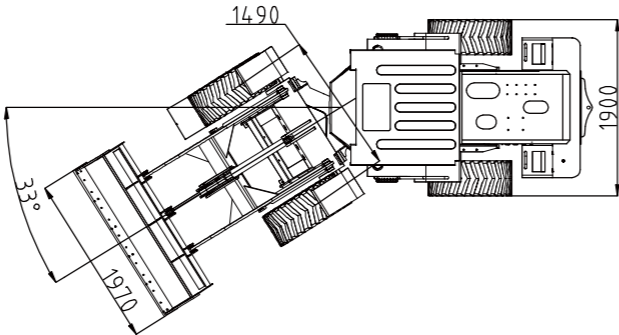
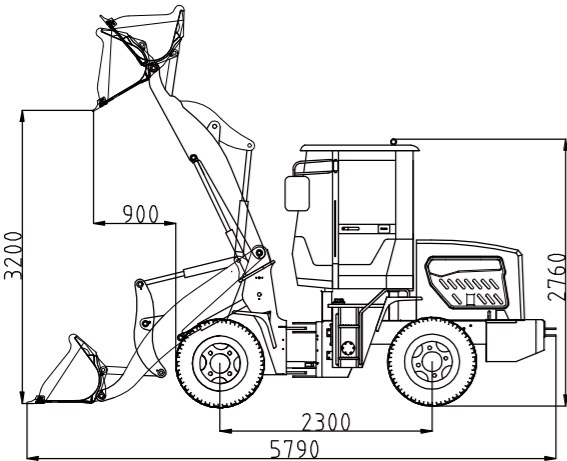
Diesel engine
- 

Flexible mobility
- 

Simplify operations
- 

security system
- 

Quick change system



D Series
Economical Version

930D


| Technical Parameter


Rated load （Kg）	1800
Bucket capacity （m³）	1.0
Overall weight （Kg）	4780
Max. dumping height （mm）	3100
Dumping distance （mm）	1075
Gearbox model	265F
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	6
High gear (Km/h)	20
Max. steering angle	±34°
Length （mm）	5865
Width （mm）	2070
Height （mm）	2880
Bucket width （mm）	2070
Wheel base （mm）	2315
Wheel tread （mm）	1570
Min. ground clearance （mm）	320
Engine model	YN33GBZ
Engine brand	Yunnei
Rated power （kw）	65
Rated speed （r/min）	2400
Alxe model	Hub reduction axle
Tyre	16/70-20
Working brake	Air over hydraulic
Parking brake	Caliper disc brake





| Advantages and characteristics





- 

Excellent Dumping Height
- 

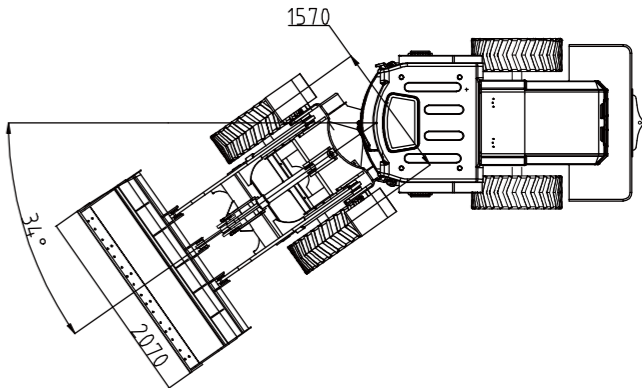
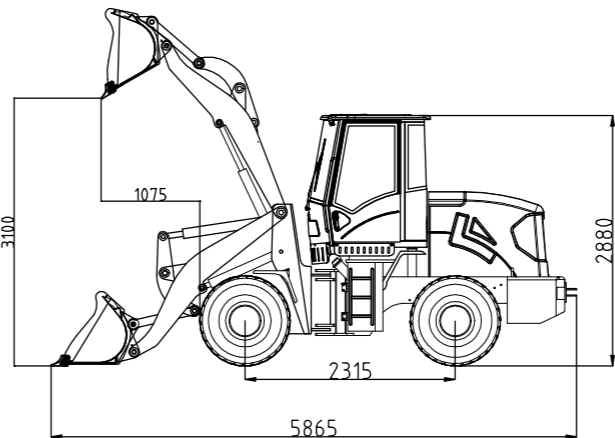
Diesel engine
- 

Flexible mobility
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Simplify operations
- 

security system
- 

Quick change system



D Series
Economical Version

936D

| Technical Parameter

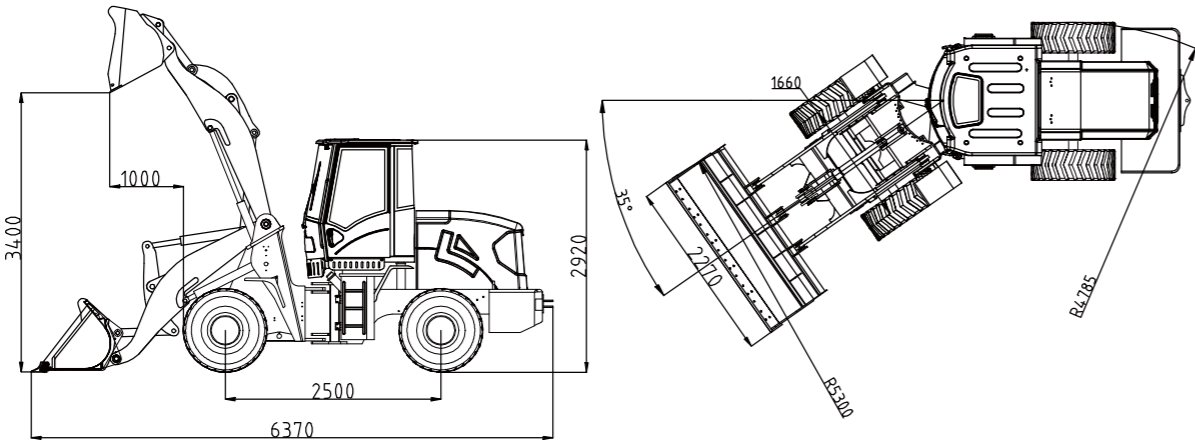
Rated load (Kg)	2100
Bucket capacity (m³)	1.1
Overall weight (Kg)	6160
Max. dumping height (mm)	3400
Dumping distance (mm)	1000
Gearbox model	280F
Transmission mode	Hydraulic torque converter
Low gear(Km/h)	6
Highgear (Km/h)	22
Max. steering angle	±35°
Length (mm)	6370
Width (mm)	2270
Height (mm)	2920
Bucket width (mm)	2270
Wheel base (mm)	2500
Wheel tread (mm)	1660
Min. ground clearance(mm)	310
Engine model	YN48GBZ
Engine brand	Yunnei
Rated power(kw)	92
Rated speed (r/min)	2400
Alxe model	Heavy-duty hub reduction axle
Tyre	16/70-24
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics



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- Excellent Dumping Height
- Diesel engine
- Flexible mobility
- Simplify operations
- security system
- Quick change system



D Series
Economical Version

630D

| Technical Parameter

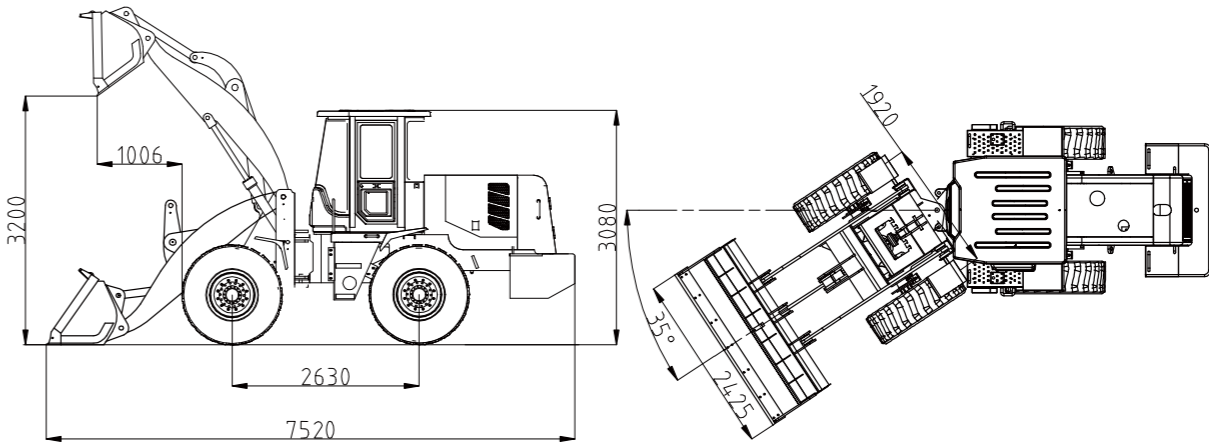
Rated load (Kg)	3000
Bucket capacity (m³)	1.7
Overall weight (Kg)	9460
Max. dumping height (mm)	3200
Dumping distance (mm)	1006
Gearbox model	320B
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	8
High gear (Km/h)	40
Max. steering angle	± 35°
Length (mm)	7520
Width (mm)	2425
Height (mm)	3080
Bucket width (mm)	2425
Wheel base (mm)	2630
Wheel tread (mm)	1825
Min. ground clearance (mm)	380
Engine model	WP6G125E22
Engine brand	Weichai
Rated power (kW)	92
Rated speed (r/min)	2200
Alxe model	ZL30 Model
Tyre	17.5-25
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics



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- Excellent Dumping Height
- Diesel engine
- Flexible mobility
- Simplify operations
- security system
- Quick change system





T SERIES HIGH-END LOADER



928T



929T



932T



936T



938T



630T



635T



www.altzg.com

The product technology of AOLITE loader is constantly improving and upgrading. If there are differences between the configuration parameters, details, and appearance in the product sample, the actual product shall prevail; The above interpretation rights belong to AOLITE, and we reserve the right to produce products without prior notice to the user.

T Series High-end Loader 928T

| Technical Parameter

Rated load (Kg)	1200
Bucket capacity (m³)	0.7
Overall weight (Kg)	3766
Max. dumping height (mm)	3200
Dumping distance (mm)	880
Gearbox model	265Y
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	5
Highgear (Km/h)	18
Max. steering angle	±33°
Length (mm)	5790
Width (mm)	1970
Height (mm)	2745
Bucket width (mm)	1970
Wheel base (mm)	2300
Wheel tread (mm)	1490
Min. ground clearance(mm)	240
Engine model	YN27
Engine brand	Yunnei
Rated power(kw)	42
Rated speed (r/min)	2400
Alxe model	Hub reduction axle
Tyre	23.5-16
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics

Excellent Dumping Height

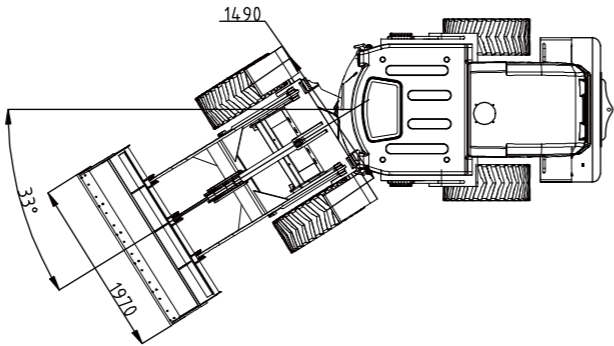
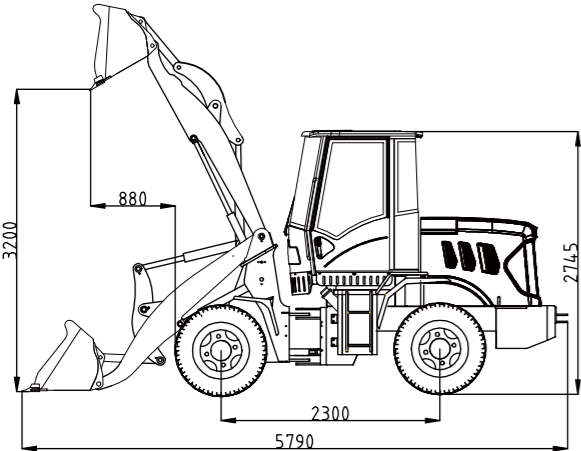
Diesel engine

Flexible mobility

Simplify operations

security system

Quick change system



T Series High-end Loader 929T

| Technical Parameter

Rated load (Kg)	1400
Bucket capacity (m³)	0.73
Overall weight (Kg)	4485
Max. dumping height (mm)	3600
Dumping distance (mm)	850
Gearbox model	265F
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	5
High gear (Km/h)	20
Max. steering angle	±33°
Length (mm)	5790
Width (mm)	2970
Height (mm)	2760
Bucket width (mm)	2070
Wheel base (mm)	2300
Wheel tread (mm)	1570
Min. ground clearance (mm)	240
Engine model	YN27GBZ
Engine brand	Yunnei
Rated power (kw)	58
Rated speed (r/min)	2400
Alxe model	Hub reduction axle
Tyre	16/70-20
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics

Excellent Dumping Height

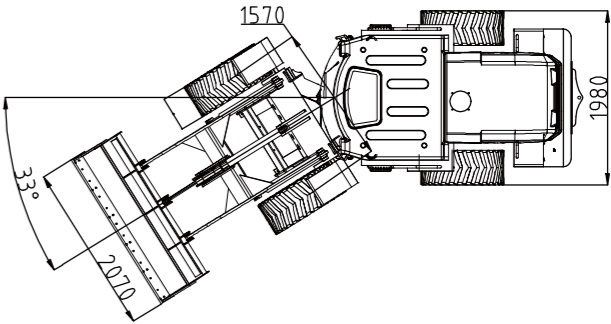
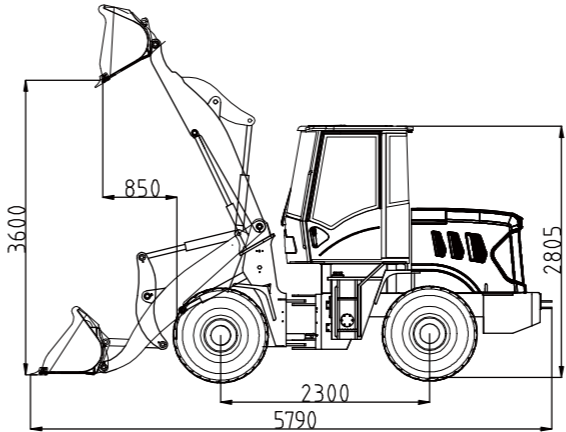
Diesel engine

Flexible mobility

Simplify operations

security system

Quick change system



T Series High-end Loader 932T

| Technical Parameter

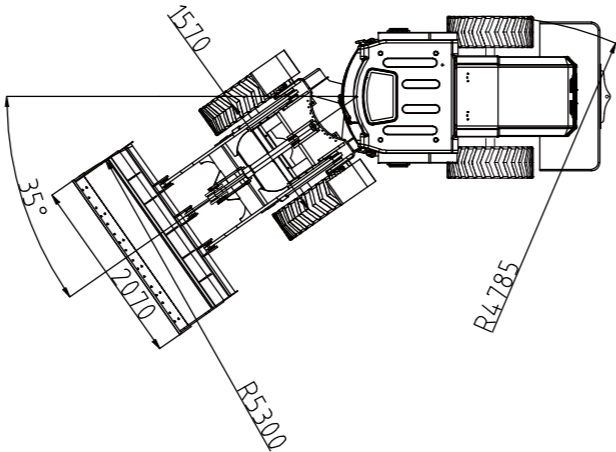
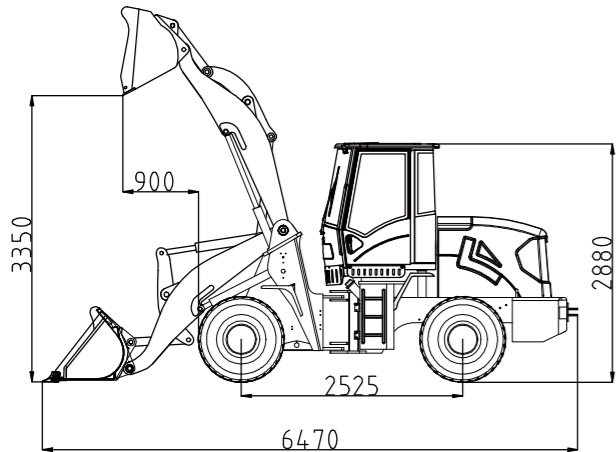
Rated load (Kg)	1900
Bucket capacity (m³)	1.0
Overall weight (Kg)	5320
Max. dumping height (mm)	3350
Dumping distance (mm)	900
Gearbox model	265F
Transmission mode	Hydraulic torque converter
Low gear(Km/h)	6
Highgear (Km/h)	20
Max. steering angle	±35°
Length (mm)	6470
Width (mm)	2070
Height (mm)	2880
Bucket width (mm)	2070
Wheel base (mm)	2525
Wheel tread (mm)	1570
Min. ground clearance(mm)	300
Engine model	YN38GBZ
Engine brand	Yunnei
Rated power(kw)	76
Rated speed (r/min)	2400
Alxe model	Hub reduction axle
Tyre	16/70-20
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics



- Excellent Dumping Height
- Diesel engine
- Flexible mobility
- Simplify operations
- security system
- Quick change system



T Series High-end Loader 936T

| Technical Parameter

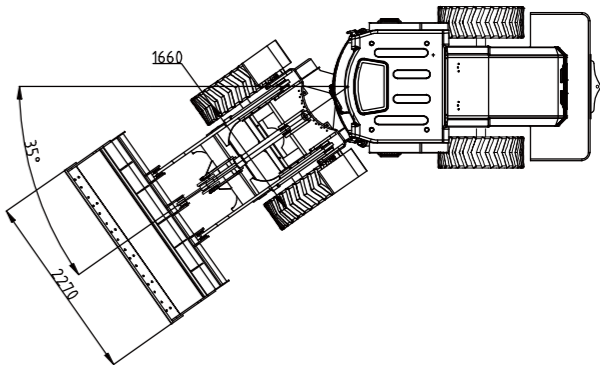
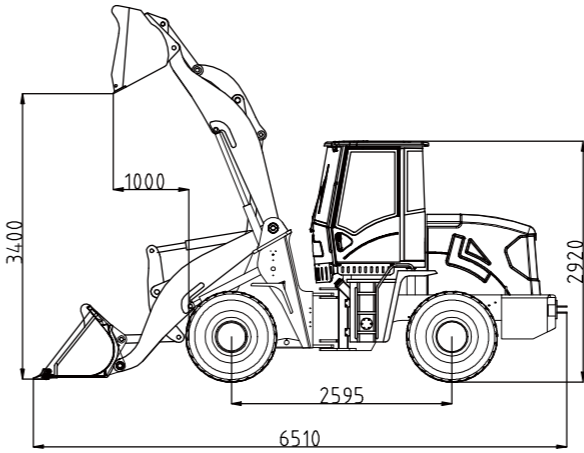
Rated load (Kg)	2200
Bucket capacity (m³)	1.1
Overall weight (Kg)	5900
Max. dumping height (mm)	3400
Dumping distance (mm)	1000
Gearbox model	280F
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	6
High gear (Km/h)	22
Max. steering angle	±35°
Length (mm)	6510
Width (mm)	2270
Height (mm)	2920
Bucket width (mm)	2270
Wheel base (mm)	2595
Wheel tread (mm)	1660
Min. ground clearance (mm)	310
Engine model	YN48GBZ
Engine brand	Yunnei
Rated power (kW)	92
Rated speed (r/min)	2400
Alxe model	Heavy-duty hub reduction axle
Tyre	16/70-24
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics



- Excellent Dumping Height
- Diesel engine
- Flexible mobility
- Simplify operations
- security system
- Quick change system



T Series High-end Loader 938T

| Technical Parameter

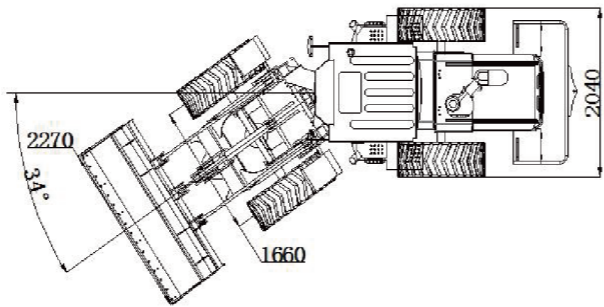
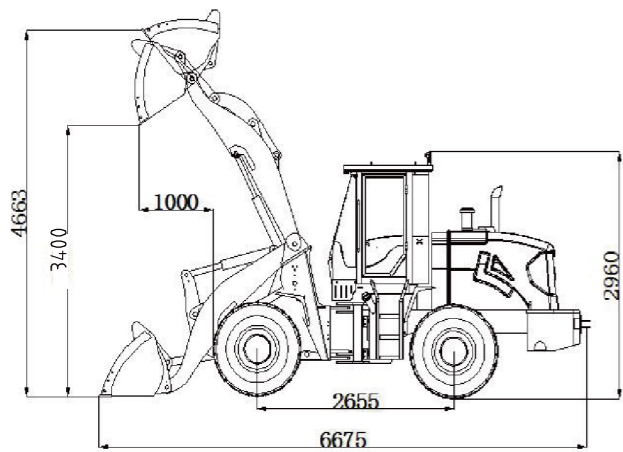
Rated load (Kg)	2300
Bucket capacity (m³)	1.1
Overall weight (Kg)	6370
Max. dumping height (mm)	3400
Dumping distance (mm)	1000
Gearbox model	300F
Transmission mode	Hydraulic torque converter
Low gear(Km/h)	6
Highgear (Km/h)	22
Max. steering angle	±35°
Length (mm)	6675
Width (mm)	2270
Height (mm)	2960
Bucket width (mm)	2270
Wheel base (mm)	2655
Wheel tread (mm)	1660
Min. ground clearance(mm)	345
Engine model	WP6G125E22
Engine brand	Weichai
Rated power(kw)	92
Rated speed (r/min)	2200
Alxe model	Heavy-duty hub reduction axle
Tyre	16/70-24
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics



- Excellent Dumping Height
- Diesel engine
- Flexible mobility
- Simplify operations
- security system
- Quick change system



T Series High-end Loader 630T

| Technical Parameter

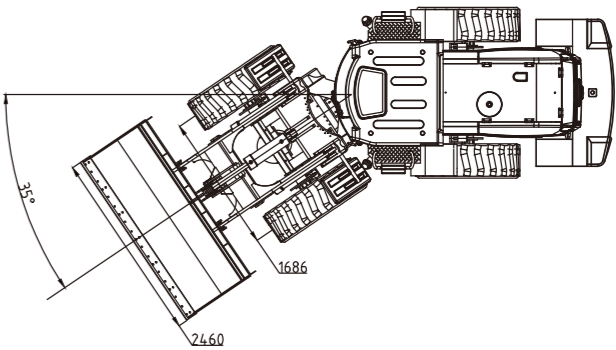
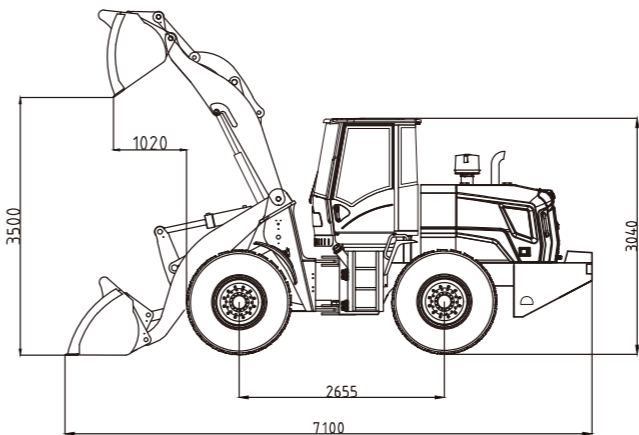
Rated load (Kg)	2500
Bucket capacity (m³)	1.4
Overall weight (Kg)	8010
Max. dumping height (mm)	3500
Dumping distance (mm)	1020
Gearbox model	315F
Transmission mode	Hydraulic torque converter
Low gear (Km/h)	6
High gear (Km/h)	35
Max. steering angle	±35°
Length (mm)	7100
Width (mm)	2460
Height (mm)	3040
Bucket width (mm)	2460
Wheel base (mm)	2655
Wheel tread (mm)	1700
Min. ground clearance (mm)	370
Engine model	WP6G125E22
Engine brand	Weichai
Rated power (kW)	92
Rated speed (r/min)	2200
Alxe model	28T Model
Tyre	17.5-25
Working brake	Air over hydraulic
Parking brake	Caliper disc brake



| Advantages and characteristics



- Excellent Dumping Height
- Diesel engine
- Flexible mobility
- Simplify operations
- security system
- Quick change system









T Series High-end Loader 635T

| Technical Parameter

Rated load (Kg)	3500
Bucket capacity (m³)	2
Overall weight (Kg)	10300
Max. dumping height (mm)	3240
Dumping distance (mm)	1240
Gearbox model	320B
Transmission mode	Hydraulic torque converter
Low gear(Km/h)	8
Highgear (Km/h)	40
Max. steering angle	± 35°
Length (mm)	7750
Width (mm)	2425
Height (mm)	3280
Bucket width (mm)	2425
Wheel base (mm)	3000
Wheel tread (mm)	1825
Min. ground clearance(mm)	320
Engine model	WP6G140E22
Engine brand	Weichai
Rated power(kw)	105
Rated speed (r/min)	2200
Alxe model	ZL30 Model
Tyre	17.5-25
Working brake	Air over hydraulic
Parking brake	Caliper disc brake

| Advantages and characteristics



Excellent Dumping Height

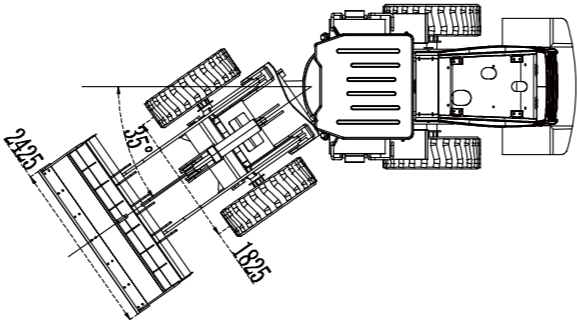
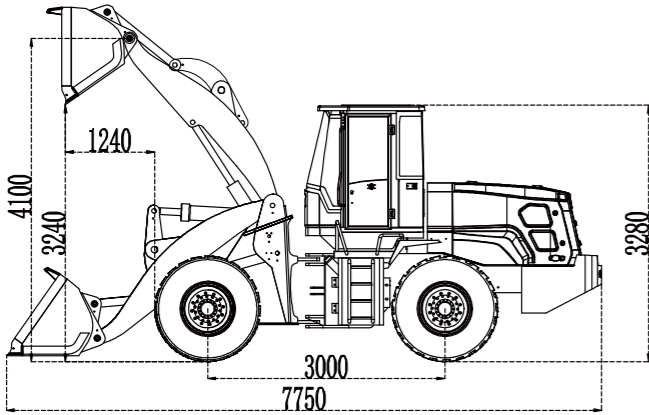
Diesel engine

Flexible mobility

Simplify operations

security system

Quick change system



T Series High-end Loader 635T



- 1

Robust Power & High Efficiency

Equipped with high-torque Weichai engine paired with a proven transmission system, delivering powerful performance, durability, and lower operating fuel consumption.
- 2

Durable Construction & Superior Load-Bearing

The frame is built with high-strength Q355D steel to reinforce key load-bearing areas. Its optimized Z-type six-linkage mechanism ensures excellent performance and efficiency.
- 3

Fast Operation & Strong Performance

The high-pressure hydraulic system ensures quick response, powerful lifting, short cycle times, and high loading efficiency while maintaining excellent fuel economy.
- 4

Comfortable, Safe & Easy to Operate

The spacious cab offers wide visibility and is equipped with a shock-absorbing seat and A/C system, providing a quiet and comfortable operating environment. The well-arranged controls enable easy handling of various tasks.
- 5

Convenient Maintenance

Easily accessible service points and simplified access to key components significantly reduce maintenance time and costs.

ROUGH TERRAIN FORKLIFT



EFL12



EFL25



FL12



FL28



FL40



FL350



Rough Terrain Forklift

| Technical Parameter

	EFL12	EFL25	FL12
Rated load(kg)	1200	2500	1200
Operating weight (kg)	2115	3765	2025
Mast tilt angle F/R (°)	F6/R12	F6/R12	F6/R12
Max steering angle	±45°	±40°	±45°
Lifting height (mm)	3050	3500	3050
Engine brand	Battery	Battery	Xinchai
Engine model	---	---	3B11Y51P254
Rated power(kw)	14.4	25.4	18.5
Rated speed (r/min)	---	---	2400
Gearbox model	---	---	Piston Pump
Gearbox transmission method	Electric	Electric	Hydrostatic
Tyre	26×12.00-12	31X15.5-15	26×12.00-12
Minimum turning radius of the outer wheel (mm)	2050	3500	2050
Working brake	Oil drum brake	Oil drum brake	Oil drum brake
Parking brake	Drum handbrake	Drum handbrake	Drum handbrake
Hydraulic system flow rate (L/min)	28	60	28
Length (with fork) (mm)	3800	4500	3800
Fork length(mm)	920	1070	920
Width(mm)	1260	1580	1260
Height(mm)	2270	2700	2270
Min.ground clearance (mm)	200	210	200
Wheelbase (mm)	1380	1835	1380
Wheeltrack (mm)	945	1185	945

EFL12



EFL25



FL12



Rough Terrain Forklift

| Technical Parameter

	FL28	FL40	FL350
Rated load(kg)	2800	4000	3500
Operating weight (kg)	4350	6315	5390
Mast tilt angle F/R (°)	F6/R12	F6/R12	F10/R12
Max steering angle	±30°	±35°	---
Lifting height (mm)	4030	4000	3000
Engine brand	Yunnei	Yunnei	Quanchai
Engine model	YN27GBZ	YN38GBZ	V32-50V42
Rated power(kw)	58	76	36.8
Rated speed (r/min)	2400	2400	2500
Gearbox model	265F	280F	---
Gearbox transmission method	Hydraulic torque converter	Hydraulic torque converter	Hydraulic torque converter
Tyre	12-16.5	16/70-20	F14-17.5-14PR / R10.0/75-15.3-14PR
Minimum turning radius of the outer wheel (mm)	5200	5065	3300
Working brake	Air push oil	Air push oil	Oil drum brake
Parking brake	Caliper disc brake	Caliper disc brake	Drum handbrake
Hydraulic system flow rate (L/min)	72	120	73.6
Length (with fork) (mm)	5600	6350	4350
Fork length(mm)	1370	1520	1220
Width(mm)	1850	2080	1600
Height(mm)	2790	2880	2260
Min.ground clearance (mm)	230	200	270
Wheelbase (mm)	2260	2600	1920
Wheeltrack (mm)	1480	1685	F1250 / R1206

FL28



EFL40



FL350



EXCAVATOR



EWJ12



WJ10



WJ15



WJ18



WJ20



WJ35




Electric
Wheel Loader


EWJ12


| Technical Parameter


Overall operation weight	1010kg
Bucket capacity	0.02m³
Motor type	Triple-phase asynchronous
Rated power capacity	5.5kW
Rated torque	19.4N·m
Type	LiFePO ₄ Lithium Battery
Capacity	17kWh
Voltage	70.4v
Work time	5~7.5h
Charge time	5.5h
Main pump type	gear pump
Main pump max.flow	2*9.9L/min
System pressure	16Mpa
Compound pump type	gear pump
Compound max.flow	9.9L/min
Compound pressure	3.9Mpa
Swing speed	9rpm
Walking speed	2.9/1.5 km/h
Grade ability	57.7%
Ground pressure	24.5kPa
Hydraulic oil tank volume	10.7L
Max.digging height	a 2505mm
Max.dumping height	b 1720mm
Max.digging depth	c 1440mm
Max.vertical digging depth	e 1085mm
Max.digging distance	f 2845mm
(Overground) max.digging distance	g 2735mm
Min.front swing radius	h 1350mm
Bucket max.lifting height	i 225mm
Bucket max.digging depth	j 225mm
Movable boom deviation	73/53°
Bucket digging force	9.4kN
Arm digging force	5.8kN
Swing arm length	1350mm
Rod length	700mm
Overall length	A 2675mm
Overall height	B 2275mm
Overall width	C 750/1000mm
Bottom ground clearance	D 420mm
Min.ground distance	E 130mm
Tail swing radius	F 775mm
Track earthing distance	G 975mm
Track length	H 1300mm
Track gage	I 570/820mm
Track width	J 750/1000mm
Track board width	K 180mm
Machine max.height	L 2275mm
Rotation table width	N 740mm


| Advantages and characteristics


Small body

Zero emissions


Flexible mobility


Low noise


security system


Quick change system


| Advantages and characteristics


Small body

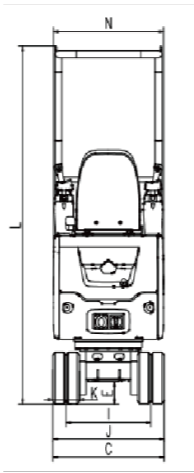
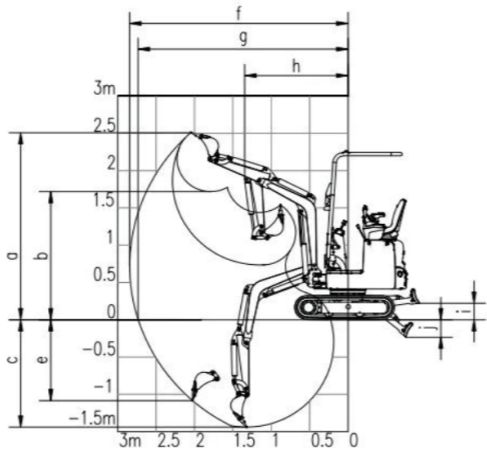
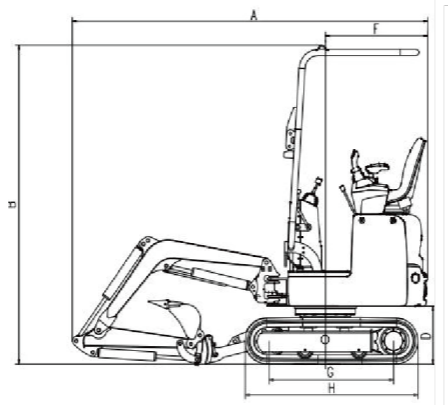
Zero emissions

Flexible mobility

Low noise

security system

Quick change system



EWJ12

Excavator

WJ10

| Technical Parameter

Bucket capacity (m³)	0.023
Swing speed(rmp)	0-13
Gradeability(°)	30°
Max.bucket digging force(KN)	7.2
Max.arm digging force(KN)	4.6
Engine model	KD192F-1
Power/revolution speed(kw/rmp)	7/3000
System pressure(MPa)	16
length(mm)	2840
width(mm)	880
height(mm)	2220
Cabin height(mm)	2220
Axle base(mm)	900
Wheel(track)distance(mm)	660
Minimum ground clearance(mm)	132
Tail swing radius(mm)	800
Max.digging height(mm)	2600
Max.dumping height(mm)	1830
Max.digging depth(mm)	1715
Max.vertical digging depth(mm)	1590
Max.digging radius(mm)	3065
Min.swing radius(mm)	1480

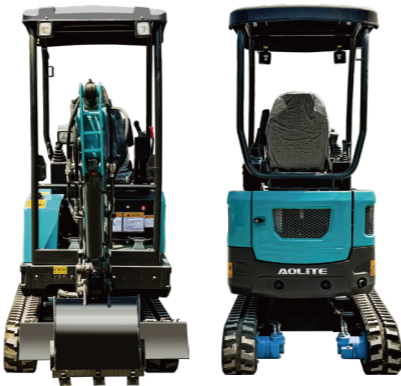


Excavator

WJ15

| Technical Parameter

Bucket capacity (m³)	0.025
Swing speed(rmp)	11~13
Gradeablity(°)	30°
Max.bucket digging force(KN)	9
Max.arm digging force(KN)	5.5
Engine model	KUBOTA D722
Power/revolution speed(kw/rmp)	10.2/2500
System pressure(MPa)	20
length(mm)	3329
width(mm)	990/1300
height(mm)	2290
Cabin height(mm)	2267
Axle base(mm)	1190
Wheel(track)distance(mm)	790
Minimum ground clearance(mm)	153
Tail swing radius(mm)	655
Max.digging height(mm)	2955
Max.dumping height(mm)	2077
Max.digging depth(mm)	2017
Max.vertical digging depth(mm)	1610
Max.digging radius(mm)	3529
Min.swing radius(mm)	--



Excavator

WJ20

| Technical Parameter

Bucket capacity (m³)	0.07
Swing speed(rmp)	0~9
Gradeablity(°)	35
Max.bucket digging force(KN)	18
Max.arm digging force(KN)	11
Engine model	KUBOTA D1105
Power/revolution speed(kw/rmp)	14.2/2000
System pressure(MPa)	21.5
length(mm)	3555
width(mm)	990/1300
height(mm)	2290
Cabin height(mm)	2290
Axle base(mm)	1230
Wheel(track)distance(mm)	760
Minimum ground clearance(mm)	150
Tail swing radius(mm)	650
Max.digging height(mm)	3700
Max.dumping height(mm)	2440
Max.digging depth(mm)	2400
Max.vertical digging depth(mm)	2025
Max.digging radius(mm)	4040
Min.swing radius(mm)	1610



Excavator

WJ18

| Technical Parameter

Bucket capacity (m³)	0.06
Swing speed(rmp)	10~12
Gradeablity(°)	35
Max.bucket digging force(KN)	14
Max.arm digging force(KN)	10
Engine model	KUBOTA 3TE25
Power/revolution speed(kw/rmp)	18.4/2350
System pressure(MPa)	18
length(mm)	3655
width(mm)	1050
height(mm)	2232
Cabin height(mm)	2232
Axle base(mm)	1231
Wheel(track)distance(mm)	820
Minimum ground clearance(mm)	210
Tail swing radius(mm)	1000
Max.digging height(mm)	3391
Max.dumping height(mm)	2290
Max.digging depth(mm)	2125
Max.vertical digging depth(mm)	1771
Max.digging radius(mm)	3851
Min.swing radius(mm)	1701



Excavator

WJ35

| Technical Parameter

Bucket capacity (m³)	0.12
Swing speed(rmp)	1~11
Gradeablity(°)	30
Max.bucket digging force(KN)	30
Max.arm digging force(KN)	18
Engine model	KUBOTA D1703
Power/revolution speed(kw/rmp)	18.2/2200
System pressure(MPa)	22.5
length(mm)	4915
width(mm)	1720
height(mm)	2525
Cabin height(mm)	2290
Axle base(mm)	1670
Wheel(track)distance(mm)	1420
Minimum ground clearance(mm)	295
Tail swing radius(mm)	870
Max.digging height(mm)	4800
Max.dumping height(mm)	3406
Max.digging depth(mm)	3208
Max.vertical digging depth(mm)	2957
Max.digging radius(mm)	5480
Min.swing radius(mm)	2530





TELEHANDLER



TH3507



TH4018



TH5018



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The product technology of AOLITE loader is constantly improving and upgrading. If there are differences between the configuration parameters, details, and appearance in the product sample, the actual product shall prevail; The above interpretation rights belong to AOLITE, and we reserve the right to produce products without prior notice to the user.

Telehanlder

TH3507

| Technical Parameter

Max. capacity（Kg）	3500
Max. lifting height （m）	7
Max. outreach(m)	3.2
Overall length to carriage （m）	4.65
Length to face of forks （m）	5.87
Overall width （m）	2.2
Overall height （m）	2.55
Wheelbase （m）	3.15
Ground clearance （m）	0.35
Overall cab width （m）	0.84
Tilt-up angle(°)	12
Tilt-down angle(°)	114
Turning radius (with tires) （m）	4.25
Unladen weight(with fork)(kg)	7600
Tires type	Pneumatic
Standard tires	16\70-20
Forks length/ width/ section （mm）	1220*125\50
Lifting (s)	10
Lowering (s)	7
Extension (s)	12
Retraction (s)	8.6
Crowd (s)	4.8
Dump (s)	3.4
Engine brand (kW)	YUCHAI
Engine norm	National II
Max. fuel sulphur content (ptm)	5000
Engine model	YCD4M22T-105
Cylinder No. / capacity of cylinder(cm³)	4-4400
I.C. Engine power rating - Power(Hp\kW)	103\77.3
Max. torque / Engine rotation(Nm\rpm)	400 @ 1400
Drawbar pull (Laden) (daN)	10000
Transmission type	Torque converter
Number of gears	2\2
Max. travel speed (km\h)	35
Parking brake	Automatic air-cut brake



Telehanlder

TH4018

| Technical Parameter

Max. capacity（Kg）	4000
Max. lifting height （m）	17.6
Max. outreach(m)	12.8
Overall length to carriage （m）	6.4
Length to face of forks （m）	7.62
Overall width （m）	2.4
Overall height （m）	2.55
Wheelbase （m）	3.15
Ground clearance （m）	0.38
Overall cab width （m）	0.84
Tilt-up angle(°)	12
Tilt-down angle(°)	114
Turning radius (with tires) （m）	4.1
Unladen weight(with fork)(kg)	11870
Tires type	Pneumatic
Standard tires	440/80-24
Forks length/ width/ section （mm）	1220*125\50
Lifting (s)	16
Lowering (s)	12
Extension (s)	16
Retraction (s)	13
Crowd (s)	4
Dump (s)	4
Engine brand (kW)	YUCHAI
Engine norm	National II
Max. fuel sulphur content (ptm)	5000
Engine model	Ycd4j22t-125
Cylinder No. / capacity of cylinder(cm³)	4-4400
I.C. Engine power rating - Power(Hp\kW)	114\85
Max. torque / Engine rotation(Nm\rpm)	400 @ 1400
Drawbar pull (Laden) (daN)	7850
Transmission type	Torque converter
Number of gears	4\4
Max. travel speed (km\h)	40
Parking brake	Automatic air-cut brake



Telehanlder

TH5018

| Technical Parameter

Max. capacity（Kg）	5000
Max. lifting height （m）	17.55
Max. outreach(m)	9.6
Overall length to carriage （m）	6.4
Length to face of forks （m）	7.62
Overall width （m）	2.4
Overall height （m）	2.55
Wheelbase （m）	3.15
Ground clearance （m）	0.38
Overall cab width （m）	0.84
Tilt-up angle(°)	12
Tilt-down angle(°)	114
Turning radius (with tires) （m）	4.1
Unladen weight(with fork)(kg)	13860
Tires type	Tubeless
Standard tires	440/80-24
Forks length/ width/ section （mm）	1220*125\50
Lifting (s)	18
Lowering (s)	14.4
Extension (s)	17.9
Retraction (s)	16.5
Crowd (s)	5.1
Dump (s)	4
Engine brand (kW)	YUCHAI
Engine norm	National II
Max. fuel sulphur content (ptm)	5000
Engine model	YCD4J22T-125
Cylinder No. / capacity of cylinder(cm³)	4-4400
I.C. Engine power rating - Power(Hp\kW)	122 / 91
Max. torque / Engine rotation(Nm\rpm)	400 @ 1400
Drawbar pull (Laden) (daN)	10000
Transmission type	Torque converter
Number of gears	4\4
Max. travel speed (km\h)	40
Parking brake	Automatic air-cut brake



ELECTRIC FORKLIFT



EF16



EF20



EF25



EF30

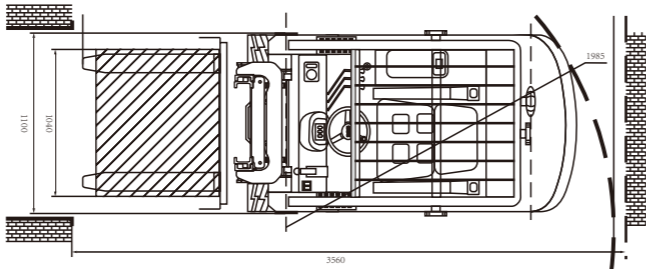
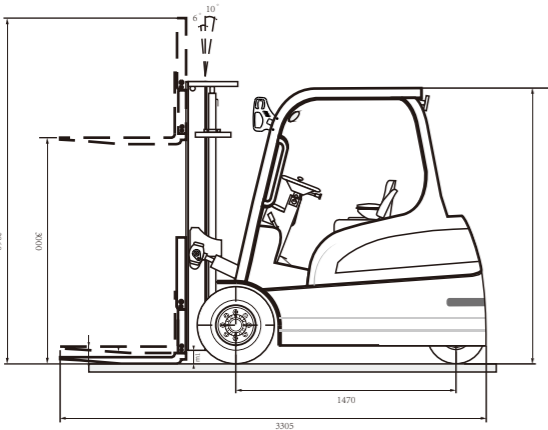


Electric Forklift

EF16

| Technical Parameter

Load capacity(kg)	1600
Load center(mm)	500
Front overhang(mm)	340
Wheelbase(mm)	1470
Curb weight (with battery)(kg)	2350
Tire type, drive/steering wheel	Solid Tire
Drive wheel track(mm)	950
Steering wheel track(mm)	920
Mast & fork tilt angle(°)	6°/10°
Lowered mast height(mm)	2150
Std mast free lift ht (mm)	3000
Maximum lift height(mm)	3960
Overhead guard height(mm)	2120 (without light)
Seat height(mm)	1080
Tow pin height(mm)	500
Overall length(mm)	3305
Length to fork face(mm)	2200
Overall width(mm)	1100
Fork size(mm)	35×100×1070
Fork carriage width(mm)	1040
Gnd clrc (loaded mast)(mm)	110
Minimum ground clearance(mm)	100
Turning radius(mm)	1985
Service brake type	Hydraulic + Mechanical
Parking brake type	Mechanical
Drive control type	AC

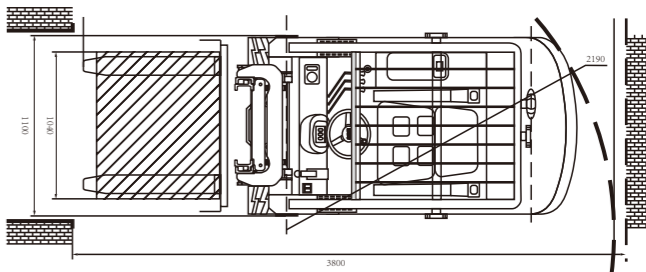
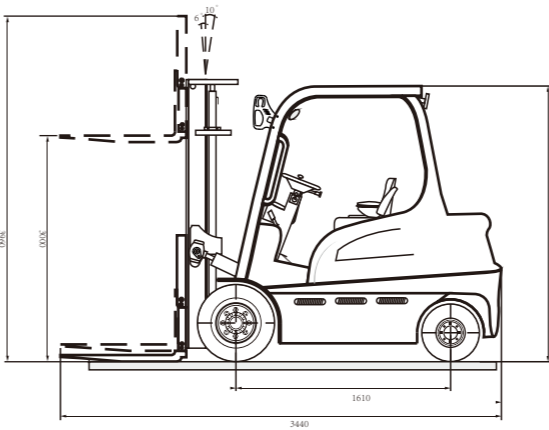


Electric Forklift

EF20

| Technical Parameter

Load capacity(kg)	2000
Load center(mm)	500
Front overhang(mm)	340
Wheelbase(mm)	1610
Curb weight (with battery)(kg)	2850
Tire type, drive/steering wheel	Solid Tire
Drive wheel track(mm)	960
Steering wheel track(mm)	950
Mast & fork tilt angle(°)	6°/10°
Lowered mast height(mm)	2140
Std mast free lift ht (mm)	3000
Maximum lift height(mm)	3960
Overhead guard height(mm)	2120 (without light)
Seat height(mm)	1120
Tow pin height(mm)	510
Overall length(mm)	3440
Length to fork face(mm)	2330
Overall width(mm)	1100
Fork size(mm)	40×100×1070
Fork carriage width(mm)	1040
Gnd clrc (loaded mast)(mm)	110
Minimum ground clearance(mm)	80
Turning radius(mm)	2190
Service brake type	Hydraulic + Mechanical
Parking brake type	Mechanical
Drive control type	AC



Electric Forklift

EF25

| Technical Parameter

Load capacity(kg)	2500
Load center(mm)	500
Front overhang(mm)	390
Wheelbase(mm)	1665
Curb weight (with battery)(kg)	3400
Tire type, drive/steering wheel	Pneumatic/Solid Tire
Drive wheel track(mm)	960
Steering wheel track(mm)	950
Mast & fork tilt angle(°)	6°/10°
Lowered mast height(mm)	2200
Std mast free lift ht (mm)	3000
Maximum lift height(mm)	3982
Overhead guard height(mm)	2180
Seat height(mm)	1150
Tow pin height(mm)	550
Overall length(mm)	3595
Length to fork face(mm)	2485
Overall width(mm)	1120
Fork size(mm)	40×120×1070
Fork carriage width(mm)	1040
Gnd clrc (loaded mast)(mm)	175
Minimum ground clearance(mm)	120
Turning radius(mm)	2320
Service brake type	Hydraulic + Mechanical
Parking brake type	Mechanical
Drive control type	AC

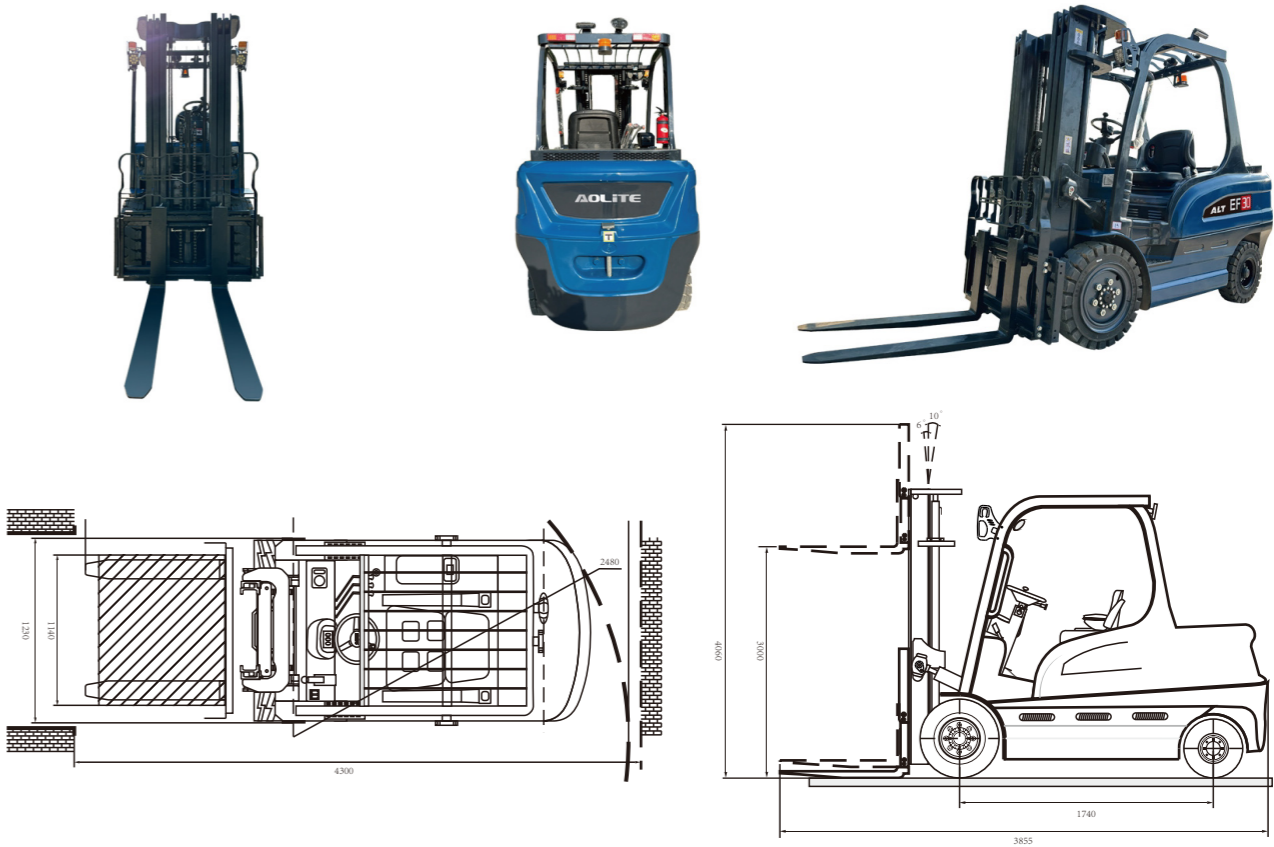
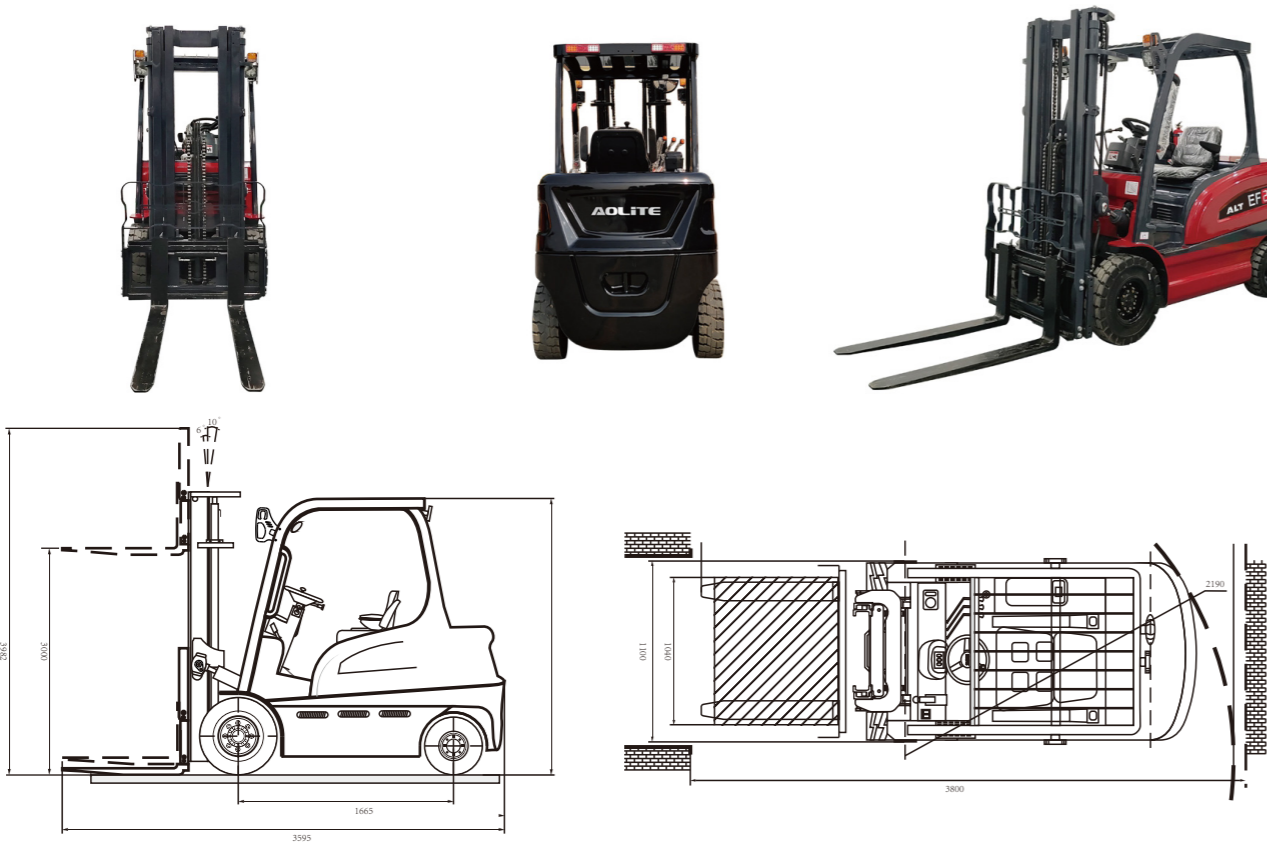


Electric Forklift

EF30

| Technical Parameter

Load capacity(kg)	3000
Load center(mm)	500
Front overhang(mm)	480
Wheelbase(mm)	1740
Curb weight (with battery)(kg)	4200
Tire type, drive/steering wheel	Pneumatic/Solid Tire
Drive wheel track(mm)	1000
Steering wheel track(mm)	960
Mast & fork tilt angle(°)	6°/10°
Lowered mast height(mm)	2210
Std mast free lift ht (mm)	3000
Maximum lift height(mm)	4060
Overhead guard height(mm)	2210
Seat height(mm)	1200
Tow pin height(mm)	580
Overall length(mm)	3855
Length to fork face(mm)	2740
Overall width(mm)	1230
Fork size(mm)	45×122×1070
Fork carriage width(mm)	1140
Gnd clrc (loaded mast)(mm)	185
Minimum ground clearance(mm)	150
Turning radius(mm)	2480
Service brake type	Hydraulic + Mechanical
Parking brake type	Mechanical
Drive control type	AC



EXCAVATOR



LW75



LW80



LW120



LW150



Excavator LW75

| Technical Parameter

Bucket capacity (m³)	0.3
Swing speed(rmp)	0-12
Gradeablity(°)	25
Max.bucket digging force(kN)	45
Max.arm digging force(kN)	36
Engine model	YCF3065-T480
Power/revolution speed(kW/rmp)	48/2200
Tire model	8.25-16
System pressure(MPa)	24
Dimension(mm)	6260*2044*2816
Cabin height(mm)	2816
Axle base(mm)	2400
Wheel(track)distance(mm)	1536
Minimum ground clearance(mm)	354
Tail swing radius(mm)	2000
Max.digging height(mm)	6297
Max.dumping height(mm)	4677
Max.digging depth(mm)	3612
Max.vertical digging depth(mm)	2460
Max.digging radius(mm)	6248
Min.swing radius(mm)	2347
Max.Dozer Blade Lifting Distance(mm)	310
Max.Dozer Blade Cutting Distance(mm)	132



Excavator LW80

| Technical Parameter

Bucket capacity (m³)	0.3
Swing speed(rmp)	0-12
Gradeablity(°)	25
Max.bucket digging force(kN)	45
Max.arm digging force(kN)	36
Engine model	YCF3065-T480
Power/revolution speed(kW/rmp)	48/2200
Tire model	8.25-16
System pressure(MPa)	24
Dimension(mm)	6308*2238*2718
Cabin height(mm)	2718
Axle base(mm)	2399
Wheel(track)distance(mm)	1694
Minimum ground clearance(mm)	260
Tail swing radius(mm)	1797
Max.digging height(mm)	7154
Max.dumping height(mm)	5330
Max.digging depth(mm)	3765
Max.vertical digging depth(mm)	2726
Max.digging radius(mm)	6178
Min.swing radius(mm)	1737
Max.Dozer Blade Lifting Distance (mm)	370
Max.Dozer Blade Cutting Distance(mm)	131

Excavator LW120

| Technical Parameter

Bucket capacity (m³)	0.4
Swing speed(rmp)	0-11
Gradeablity(°)	25
Max.bucket digging force(kN)	75
Max.arm digging force(kN)	52
Engine model	YC4DK100
Power/revolution speed(kW/rmp)	72/2200
Tire model	9.00-20
System pressure(MPa)	30
Dimension(mm)	7284*2278*3011
Cabin height(mm)	3011
Axle base(mm)	2500
Wheel(track)distance(mm)	1782
Minimum ground clearance(mm)	335
Tail swing radius(mm)	2159
Max.digging height(mm)	8223
Max.dumping height(mm)	6300
Max.digging depth(mm)	4414
Max.vertical digging depth(mm)	4032
Max.digging radius(mm)	7364
Min.swing radius(mm)	1989
Max.Dozer Blade Lifting Distance(mm)	430
Max.Dozer Blade Cutting Distance(mm)	60



Excavator LW150

| Technical Parameter

Bucket capacity (m³)	0.6
Swing speed(rmp)	0- 12
Gradeablity(°)	25
Max.bucket digging force(kN)	91
Max.arm digging force(kN)	55
Engine model	WP4.6N
Power/revolution speed(kW/rmp)	110/2000
Tire model	9.00-20
System pressure(MPa)	32
Dimension(mm)	7677*2550*3377
Cabin height(mm)	3100
Axle base(mm)	2500
Wheel(track)distance(mm)	1955
Minimum ground clearance(mm)	290
Tail swing radius(mm)	2365
Max.digging height(mm)	8900
Max.dumping height(mm)	6300
Max.digging depth(mm)	5180
Max.vertical digging depth(mm)	4745
Max.digging radius(mm)	8200
Min.swing radius(mm)	2650
Max.Dozer Blade Lifting Distance(mm)	350
Max.Dozer Blade Cutting Distance(mm)	90

