Uocus Mechanical Technology

优克机械产品宣传画册

Mini Excavator Sales Brochure



www.uocus.com

17206373678

www.uocus.com

sales@uocus.com

科技驱动、品质为本、出口引领

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PRODUCT CATALOG

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山东优克机械科技有限公司

Company Profile of Shandong Uocus Machinery Technology Co., Ltd.

Company Profile of Shandong Uocus Machinery Technology Co., Ltd.

Founded in 2016 and located in Jining, Shandong Province, Shandong Uocus Machinery Technology Co., Ltd. is an export-oriented high-tech enterprise with independent intellectual property rights. Rooted deeply in the small construction machinery industry, we integrate independent research and development, production manufacturing and global export business. We mainly target European and American overseas markets, providing high-quality and cost-effective construction equipment for global clients. Meanwhile, we have built a complete global sales and after-sales service system, and all our products fully comply with international industry standards.

Adhering to the development strategy of "Technology-driven, Quality-oriented, Export-led", the company has built a professional R&D team. We keep a close eye on actual working condition demands of European and American markets, and focus on product upgrading in energy conservation, environmental protection and intelligence. All production and testing procedures are implemented in strict accordance with EU and U.S. industry standards and certification specifications, perfectly meeting market access requirements of overseas regions.

Equipped with modern production equipment and a full-process quality management system, the company boasts stable large-scale production capacity, with an annual output of 2,000 sets of various small mechanical equipment. Our main products cover mini excavators and skid steer loaders, which are widely applied in infrastructure construction, landscaping, farmland operation, municipal engineering and other scenarios. All product series have obtained CE and EPA international certifications, winning wide recognition and favorable comments from overseas customers.

As a professional export-oriented machinery manufacturer, our business scope covers more than 30 countries and regions across the globe, with European and American markets as our core layout. Our professional international trade team provides one-stop services including product customization, logistics distribution and after-sales maintenance, fully solving all procurement worries of overseas customers.

Relying on the superior land, sea and air transportation hub advantages of Jining City, we own mature cross-border logistics channels to ensure efficient and punctual equipment delivery. Always sticking to the business philosophy of "Integrity for Win-win, Quality First", Uocus Machinery sincerely welcomes customers at home and abroad to visit our company for inspection and business negotiation, so as to carry out long-term strategic cooperation jointly.

2016 | Brand Founding & Strategic Positioning

Established in 2016 in Jining, Shandong, Shandong Uocus Machinery Technology Co., Ltd. is an export-oriented high-tech enterprise with independent intellectual property rights. Focusing precisely on the small construction machinery track, the company adheres to the core strategy of "technology-driven, quality-oriented and export-led", targets mainstream European and American markets, and specializes in the R&D and global export of high-end small construction machinery.

2018 | Focused R&D & Technological Breakthrough

In 2018, the company set up a professional R&D team. Closely focusing on actual construction conditions and end-user needs in Europe and America, it focused on three core R&D directions: energy saving, environmental protection and intelligence. It iterated equipment performance in a targeted manner, accumulated core technologies and patents, and built a differentiated product system adapted to strict international standards.

2019 | Intelligent Manufacturing & Full-process Quality Control

In 2019, the company completed the comprehensive upgrading of production equipment and built a full-process closed-loop quality control system, realizing standardized management from raw material warehousing and component processing to complete machine commissioning and factory delivery. It optimized the processing technology of core parts, greatly improving equipment stability and durability, and established a standardized and refined modern intelligent manufacturing system.

2020 | Production Launch & CE Certified Export

In 2020, the professional production line for small excavators was officially put into operation, realizing independent large-scale mass production of complete machines. All excavator products obtained the EU CE Certification, fully complying with EU safety and manufacturing standards. The company successfully opened cross-border export channels and officially launched standardized and compliant overseas layout in Europe and America.

2021 | Complete Qualifications & In-depth Overseas Expansion

In 2021, core models successfully obtained the US EPA Emission Certification, and all products met multiple international standards of safety, environmental protection and emission in Europe and America, completely avoiding overseas compliance risks. Tailored for diverse scenarios such as municipal maintenance, landscape renovation and farmland construction, the products won wide recognition from overseas end customers.

2022 | Product Expansion & Diversified Matrix

2022 | Product Expansion & Diversified Matrix
In 2022, relying on mature R&D and manufacturing capabilities, the company launched the core product line of multi-functional skid steer loaders, forming a diversified product matrix centered on small excavators and skid steer loaders. The full range of equipment adapts to multi-scenario construction needs overseas, fully covering small and micro engineering fields in Europe and America, and enriching the overseas profit system.

2023 | Capacity Breakthrough & Global Layout

In 2023, the company’ s large-scale production capacity reached full maturity, with a stable annual output of 2,000 units of various small construction machinery. A professional one-stop international trade team was established to provide full-chain services including equipment customization, container shipment, cross-border logistics and after-sales maintenance. The business covers more than 30 countries and regions worldwide, focusing on core European and American markets.

2024 | Service Upgrade & Brand Precipitation

In 2024, adhering to the business philosophy of "integrity for win-win, quality first", the company continuously upgraded core energy-saving and intelligent technologies and improved product quality. Relying on Jining’ s sea, land and air three-dimensional transportation advantages, it built a mature cross-border logistics system to ensure efficient and safe delivery of global orders, accumulating a large number of long-term overseas customers and excellent brand reputation with high-quality products and full-cycle services.

2025 | In-depth Development & Global Win-win Cooperation

As of 2025, Uocus Machinery has grown into a benchmark high-tech export enterprise integrating independent R&D, intelligent manufacturing, global sales and localized after-sales service. In the future, the company will continue to deepen technological innovation and quality upgrading, optimize the global service system, and sincerely invite global merchants for inspection and negotiation to jointly explore the new blue ocean of the global small construction machinery market.

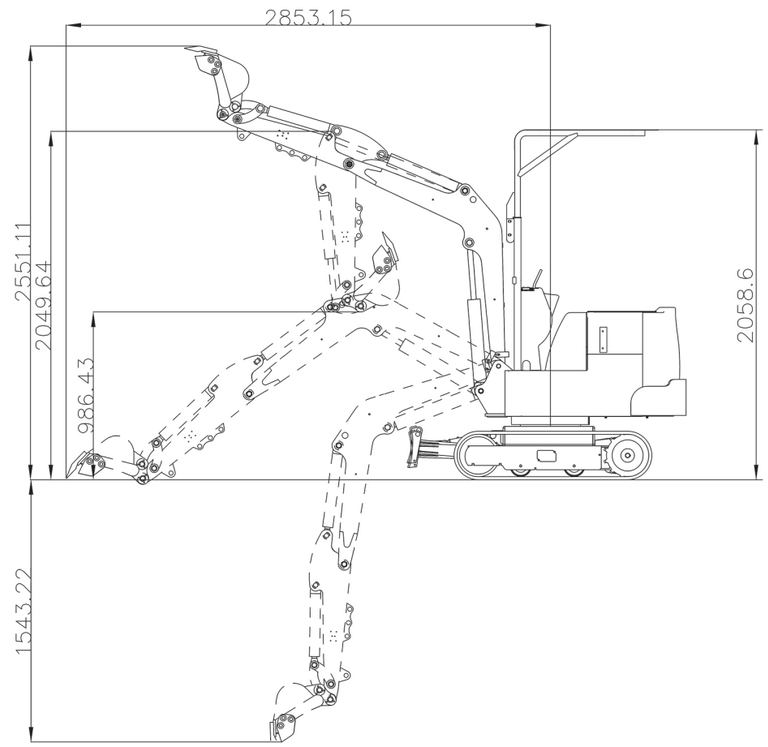


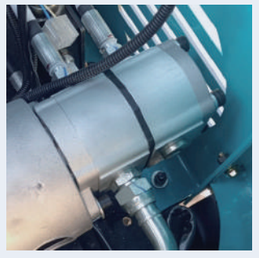
UK12-B Mini Excavator

ISO CE EPA EURO5 二维码

Bucket Capacity	0.025m³
Chassis Width	930mm
Track Ground Contact Length	926mm
Gradeability	20°
Ground Clearance	385mm
Track Width	180mm
Fuel Tank Capacity	5L
Overall Dimensions	2200*930*2200mm
Transport Length	2200mm
Excavator Height	2200mm
Hydraulic Flow	18L/Min
Hydraulic Tank Capacity	13L
Working Pressure	16Mpa
Engine	HPURY192

Engine Power	12 HP
Euro V & EPA Tier 4 Engine	Koop,B&S
Max Digging Height	2550mm
Max Dumping Height	1600mm
Max Digging Depth	1540mm
Max Digging Radius	2400mm
Swing Radius	1357mm
Bucket Digging Force	11KN
Operating Weight	950kg
Operating Weight	4-post Canopy
	Travel Hydraulic Pump
	Mechanical Control





Dual-pump load sensing, smooth & powerful action, low engine temperature, energy-saving and fuel-efficient



Built-in counterweight, increased body weight, enhanced vehicle stability



Pins come with built-in grease nipples for enhanced lubrication performance.



Widened and thickened dozer blade for long-lasting durability.



High-definition LCD display screen



Breaker stop valve, cast steel material, durable & wear-resistant, precision interface, good mechanical property, anti-oil dripping & leakage



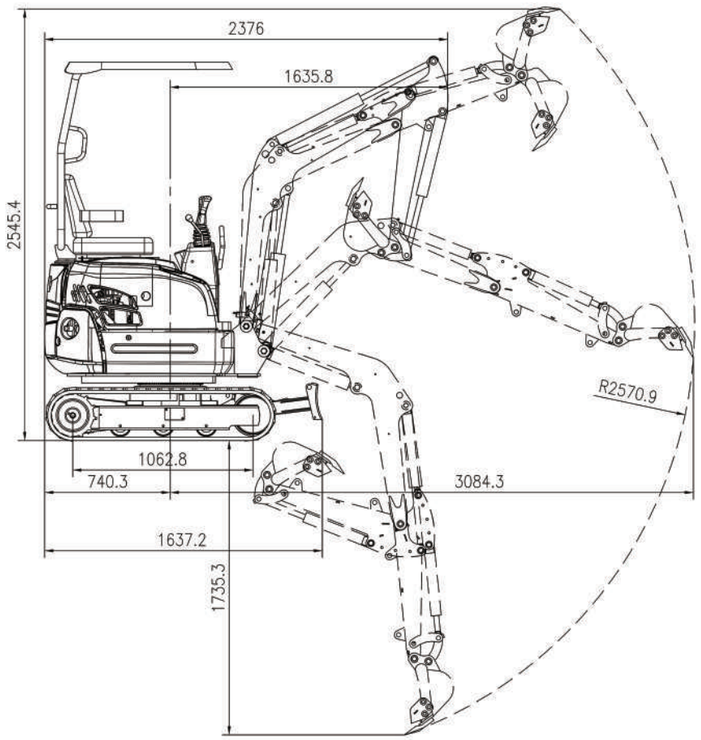
UK13 Mini Excavator

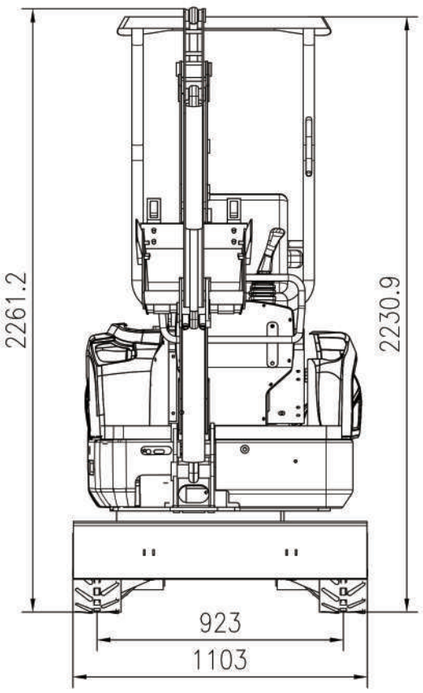
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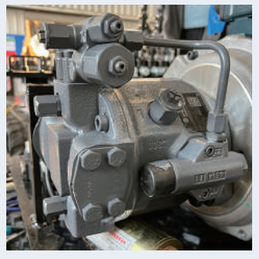
二维码

Bucket Capacity	0.05m³
Chassis Width	1100mm
Track Ground Contact Length	1030mm
Gradeability	20°
Ground Clearance	385mm
Track Width	180mm
Fuel Tank Capacity	5L
Overall Dimensions	2200*1000*2200mm
Transport Length	2400mm
Excavator Height	2200mm
Hydraulic Flow	18L/Min或27L/Min
Hydraulic Tank Capacity	12L
Working Pressure	16Mpa
Engine	HPURY192、B&S

Engine Power	12HP
Euro V & EPA Tier 4 Engine	Koop192、KubotaD722
Max Digging Height	2550mm
Max Dumping Height	1710mm
Max Digging Depth	1740mm
Max Digging Radius	3100mm
Swing Radius	1635mm
Bucket Digging Force	11KN
Operating Weight	1100kg
Configuration	Load Sensing Valve
	Dual Swing Motor
	Dual Gear Pump
	Hydraulic Pilot Control







Optional load-sensing piston pump, smooth & powerful action, low engine temperature, fuel efficient.



LCD display, equipped with voltmeter & hour meter



Dual swing motor, high power, long service life, cushioning function, smooth comfortable & stable movement



41-link track, larger ground contact area, stable travel; zero-tail swing, flexible & convenient



Pedal-operated breaker, no mis-operation between travel and breaking



Breaker stop valve, cast steel material, durable & wear-resistant, precision interface, good mechanical property, anti-oil dripping & leakage



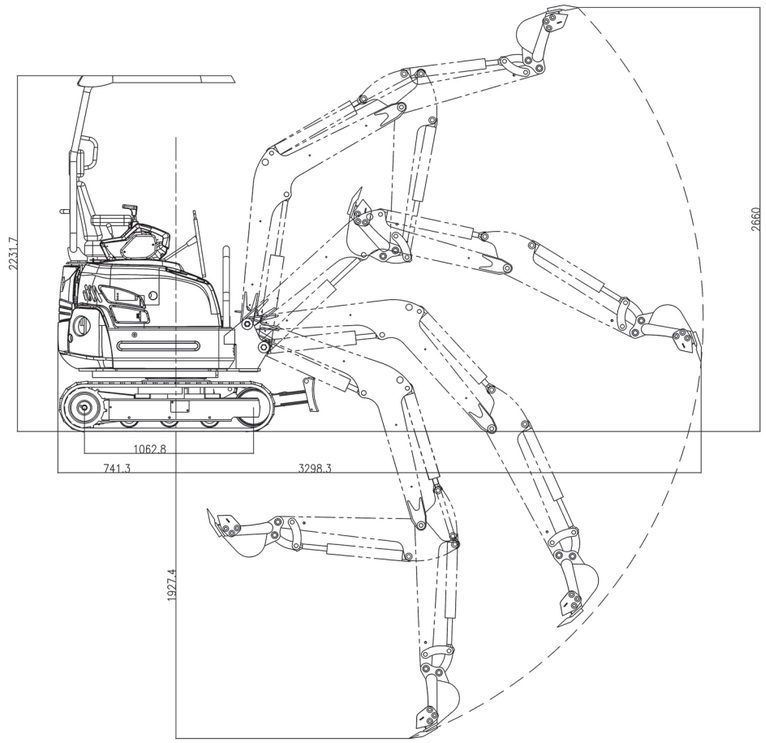
UK13 PLUS Mini Excavator

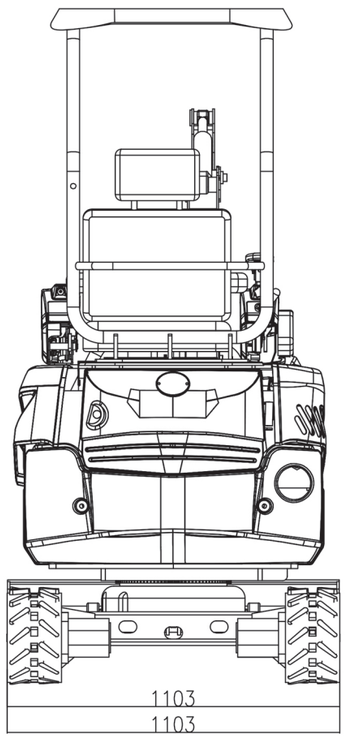
ISO CE EPA EURO5

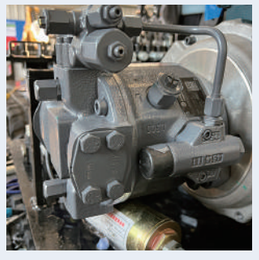
二维码

Bucket Capacity	0.025m³
Chassis Width	1100mm
Track Ground Contact Length	1030mm
Gradeability	20°
Ground Clearance	385mm
Track Width	180mm
Fuel Tank Capacity	5L
Overall Dimensions	2200*1000*2200mm
Transport Length	2400mm
Excavator Height	2200mm
Hydraulic Flow	18L/Min/27L/Min
Hydraulic Tank Capacity	12L
Working Pressure	16Mpa
Engine	HPURY192F

Engine Power	12HP
Euro V & EPA Tier 4 Engine	Koop192、KubotaD722
Max Digging Height	2550mm
Max Dumping Height	1710mm
Max Digging Depth	1740mm
Max Digging Radius	3100mm
Swing Radius	1635mm
Bucket Digging Force	11KN
Operating Weight	1000kg
Configuration	Hydraulic pilot control
	Standard 2-post canopy
	Dual-pump load-sensing
	Track size:180×37×41
	Load-sensing pump-valve, dual swing motors



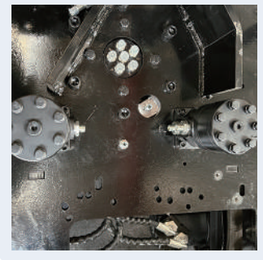




Optional load-sensing piston pump, smooth & powerful action, low engine temperature, fuel efficient.



Hydraulic pilot control, easy-to-operate



Dual swing motor, high power, long service life, cushioning function, smooth comfortable & stable movement



41-link track, larger ground contact area, stable travel; zero-tail swing, flexible & convenient



Pedal-operated breaking, travel and breaking operations can run simultaneously without interference



Widened and thickened dozer blade, durable for long-term use



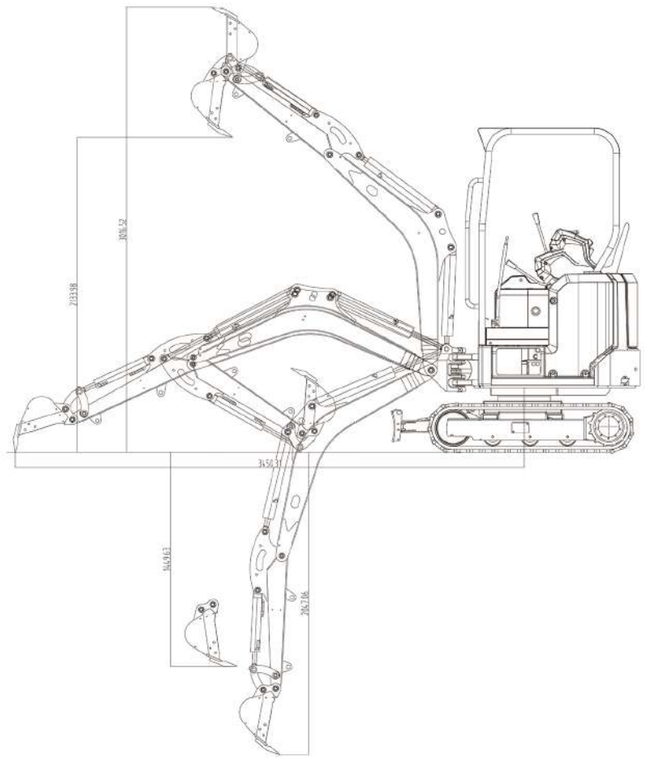
UK16 Mini Excavator

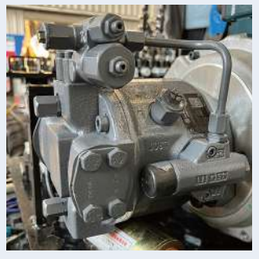
ISO CE EPA EURO5

二维码

Bucket Capacity	0.025m³
Chassis Width	1130mm
Track Ground Contact Length	1430mm
Gradeability	40°
Ground Clearance	185mm
Track Width	230mm
Fuel Tank Capacity	15L
Overall Dimensions	2400*1130*2200mm
Transport Length	2400mm
Excavator Height	2200mm
Hydraulic Flow	40L/Min
Hydraulic Tank Capacity	16L
Working Pressure	16Mpa
Engine	KubotaD722

Engine Power	10.3kw
Euro V & EPA Tier 4 Engine	KubotaD722
Max Digging Height	3016.52mm
Max Dumping Height	2133.98mm
Max Digging Depth	2047.06mm
Max Digging Radius	3450.31mm
Swing Radius	1636mm
Bucket Digging Force	15KN
Operating Weight	1500kg
Configuration	Taifeng multi-way valve
	Taifeng hydraulic pump





Optional load-sensing piston pump, smooth & powerful action, low engine temperature, fuel efficient.



Double-row ball slewing bearing, featuring fast rotation speed, high working efficiency, greater flexibility and superior stability.



Dual swing motor, high power, long service life, cushioning function, smooth comfortable & stable movement



41-link track, larger ground contact area, stable travel; zero-tail swing, flexible & convenient



Fully-enclosed high-low speed motor protects the travel motor from damage for extended service life.



Three-sided open-access design for easier maintenance and servicing.



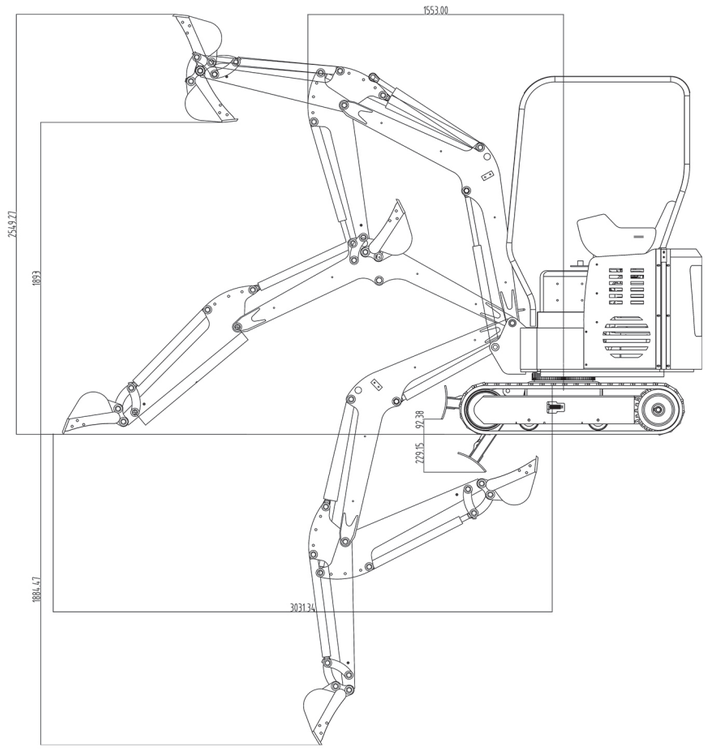
UK17 Mini Excavator

ISO CE EPA EURO5

二维码

Bucket Capacity	0.03m³
Chassis Width	1100mm
Track Ground Contact Length	1030mm
Gradeability	20°
Ground Clearance	385mm
Track Width	180mm
Fuel Tank Capacity	10L
Overall Dimensions	2400*1100*2200mm
Transport Length	2170mm
Excavator Height	2170mm
Hydraulic Flow	36L/Min
Hydraulic Tank Capacity	12L
Working Pressure	16Mpa
Engine	Changchai390

Engine Power	30HP
Euro V & EPA Tier 4 Engine	Changchai390
Max Digging Height	2550mm
Max Dumping Height	1900mm
Max Digging Depth	1884mm
Max Digging Radius	3031mm
Swing Radius	1550mm
Operating Weight	1150kg
Configuration	North multi-way valve
	Travel hydraulic pump
	Dual-pump load-sensing





LED headlight



Hydraulic pilot control, built-in safety lock



Dual swing motor, high power, long service life, cushioning function, smooth comfortable & stable movement



Widened and thickened dozer blade for long-lasting durability.



Pins are fitted with grease nipples for superior lubrication.



Breaker stop valve, cast steel material, durable & wear-resistant, precision interface, good mechanical property, anti-oil dripping & leakage

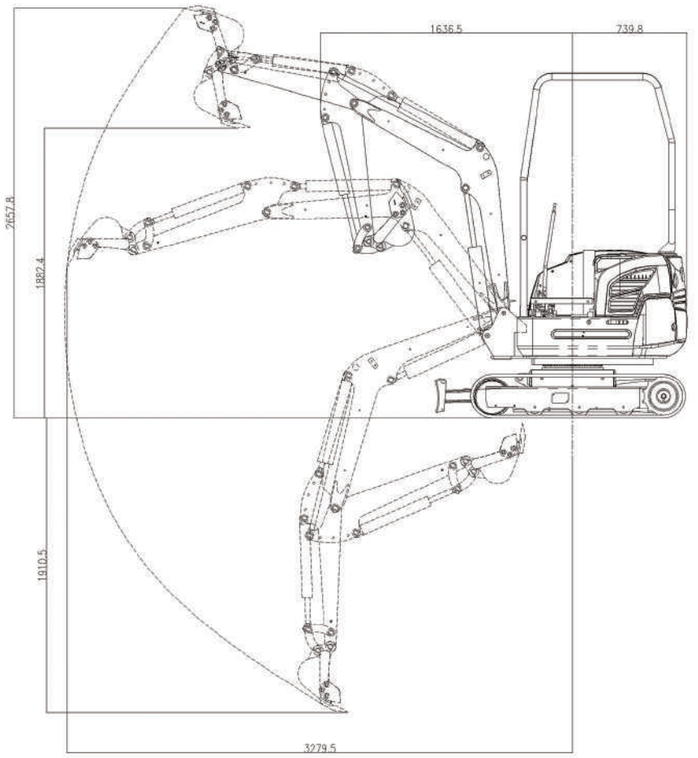


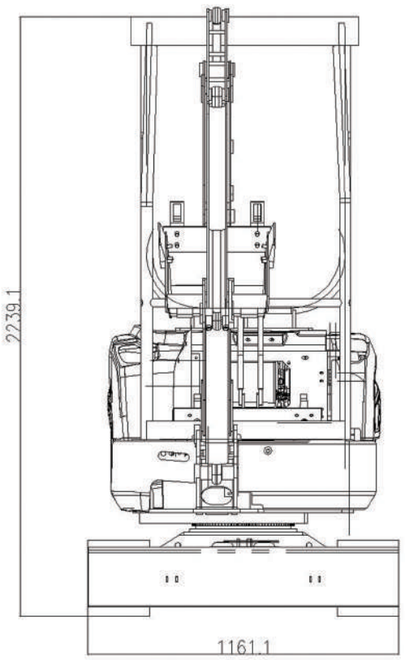
UK18 Mini Excavator

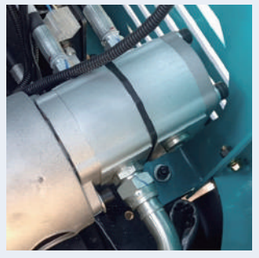
ISO CE EPA EURO5 二维码

Bucket Capacity	0.025m³
Chassis Width	1100mm
Track Ground Contact Length	1030mm
Gradeability	20°
Ground Clearance	385mm
Track Width	180mm
Fuel Tank Capacity	10L
Overall Dimensions	2200*1000*2200mm
Transport Length	2200mm
Excavator Height	2200mm
Hydraulic Flow	40L/Min
Hydraulic Tank Capacity	12L
Working Pressure	16Mpa
Engine	KubotaD722

Engine Power	10.2kw
Euro V & EPA Tier 4 Engine	KubotaD722
Max Digging Height	2660mm
Max Dumping Height	1900mm
Max Digging Depth	1910mm
Max Digging Radius	3280mm
Swing Radius	1636mm
Bucket Digging Force	15KN
Operating Weight	1500kg
Configuration	Hydraulic Pilot Control
	Dual Swing Motor
	Dual-pump Load Sensing
	Standard 4-post Canopy



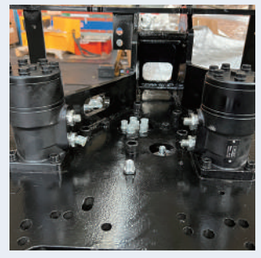




Dual-pump load-sensing, smooth & powerful action, low engine temperature, energy-saving and fuel-efficient



Double-row ball slewing bearing, featuring fast rotation speed, high working efficiency, greater flexibility and superior stability.



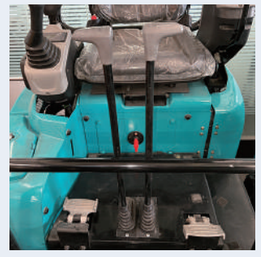
Dual swing motor, high power, long service life, cushioning function, smooth comfortable & stable movement



41-link track, larger ground contact area, stable travel; zero-tail swing, flexible & convenient



Widened and dozer-blade with reinforced thickness for long-lasting durability.



Control levers for simple and flexible operation.



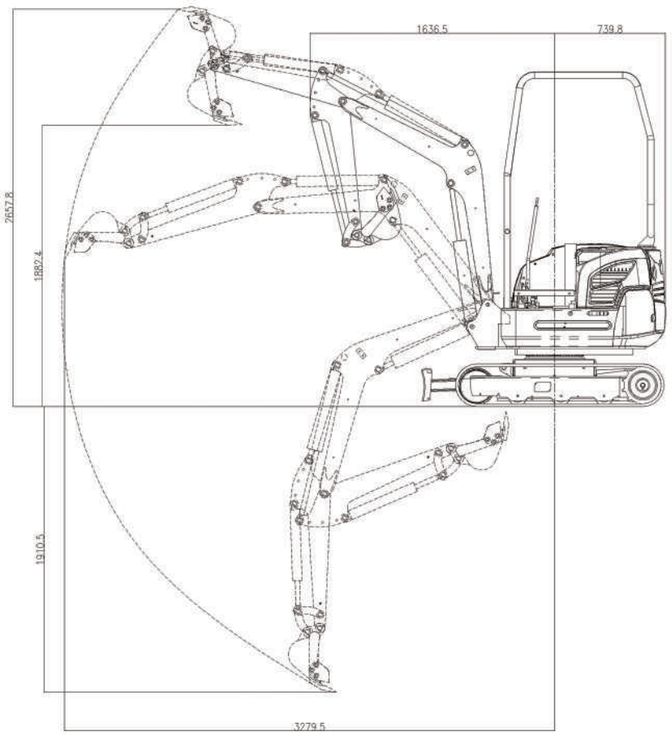
UK18 PLUS Mini Excavator

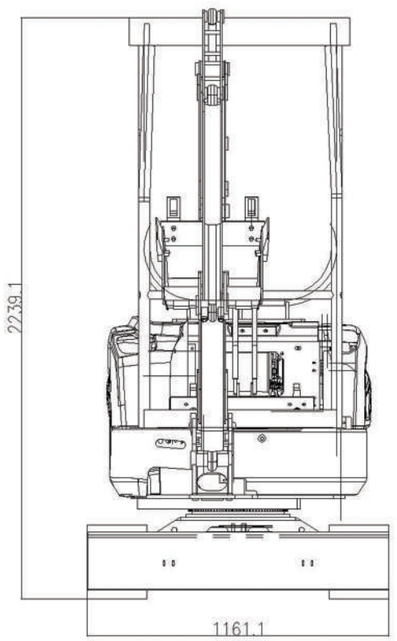
ISO CE EPA EURO5

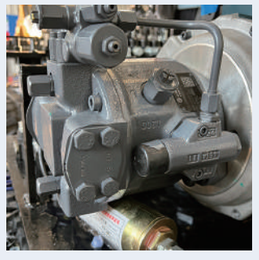
二维码

Bucket Capacity	0.025m³
Chassis Width	1160mm
Track Ground Contact Length	1125mm
Gradeability	20°
Ground Clearance	385mm
Track Width	230mm
Fuel Tank Capacity	10L
Overall Dimensions	2200*1160*2200mm
Transport Length	2200mm
Excavator Height	2200mm
Hydraulic Flow	40L/Min
Hydraulic Tank Capacity	12L
Working Pressure	16Mpa
Engine	KubotaD722/D902

Engine Power	10.2kw
Euro V & EPA Tier 4 Engine	KubotaD722
Max Digging Height	2660mm
Max Dumping Height	1900mm
Max Digging Depth	1910mm
Max Digging Radius	3280mm
Swing Radius	1636mm
Bucket Digging Force	15KN
Operating Weight	1150kg
Configuration	North multi-way valve
	Travel hydraulic pump
	Dual-pump load-sensing







Optional load-sensing piston pump, smooth & powerful action, low engine temperature, fuel efficient.



Double-row ball slewing bearing, featuring fast rotation speed, high working efficiency, greater flexibility and superior stability.



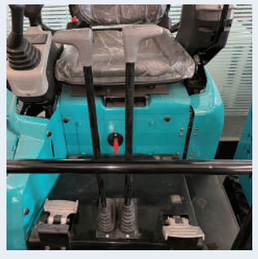
Dual swing motor, high power, long service life, cushioning function, smooth comfortable & stable movement



41-link track, larger ground contact area, stable travel; zero-tail swing, flexible & convenient



Widened and dozer-blade with reinforced thickness for long-lasting durability.



Control levers for simple and flexible operation.

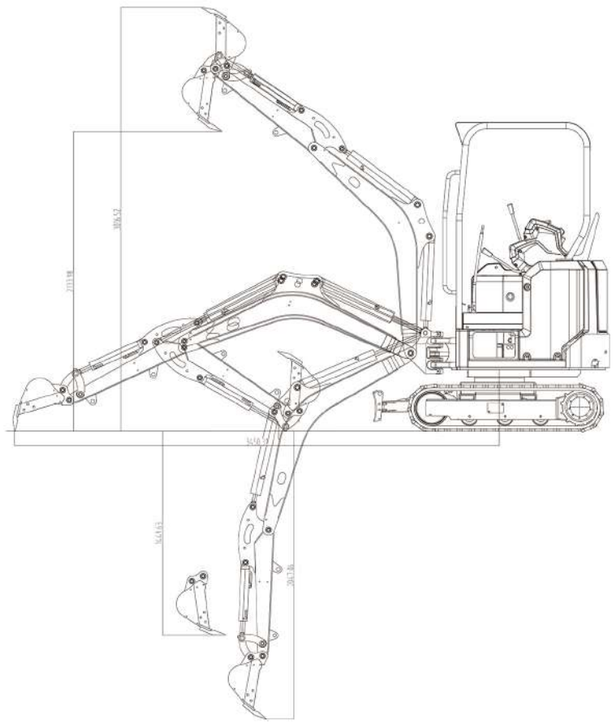


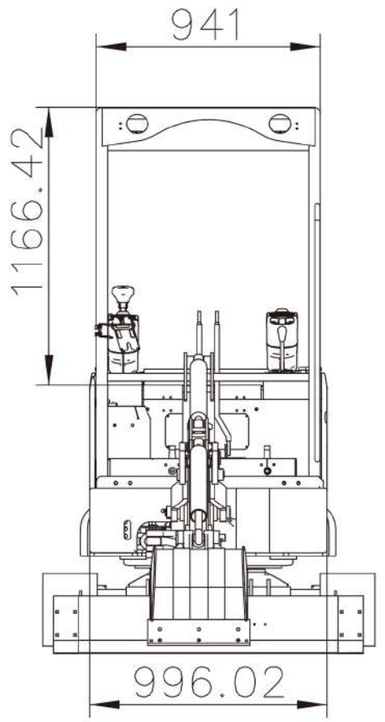
UK20 Mini Excavator

ISO CE EPA EURO5 二维码

Bucket Capacity	0.025m³
Chassis Width	1100mm
Track Ground Contact Length	1300mm
Gradeability	40°
Ground Clearance	385mm
Track Width	180mm
Fuel Tank Capacity	15L
Overall Dimensions	2200*1100*2200mm
Transport Length	2200mm
Excavator Height	2200mm
Hydraulic Flow	40L/Min
Hydraulic Tank Capacity	16L
Working Pressure	16Mpa
Engine	KubotaD722

Engine Power	10.3kw
Euro V & EPA Tier 4 Engine	KubotaD722
Max Digging Height	3016.52mm
Max Dumping Height	2133.98mm
Max Digging Depth	2047.06mm
Max Digging Radius	3450.31mm
Swing Radius	1636mm
Bucket Digging Force	15KN
Operating Weight	1850kg
Configuration	Taifeng multi-way valve
	Taifeng piston pump
	Boom side swing, retractable chassis
	Travel hydraulic display
	High-Low Speed







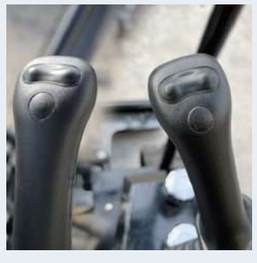
Optional load-sensing piston pump, smooth & powerful action, low engine temperature, fuel efficient.



Double-row ball slewing bearing, featuring fast rotation speed, high working efficiency, greater flexibility and superior stability.



Dual swing motor, high power, long service life, cushioning function, smooth comfortable & stable movement



41-link track, larger ground contact area, stable travel; zero-tail swing, flexible & convenient



Fully-enclosed high-low speed motor protects the travel motor from damage for extended service life.



Three-sided open-access design for easier maintenance and servicing.



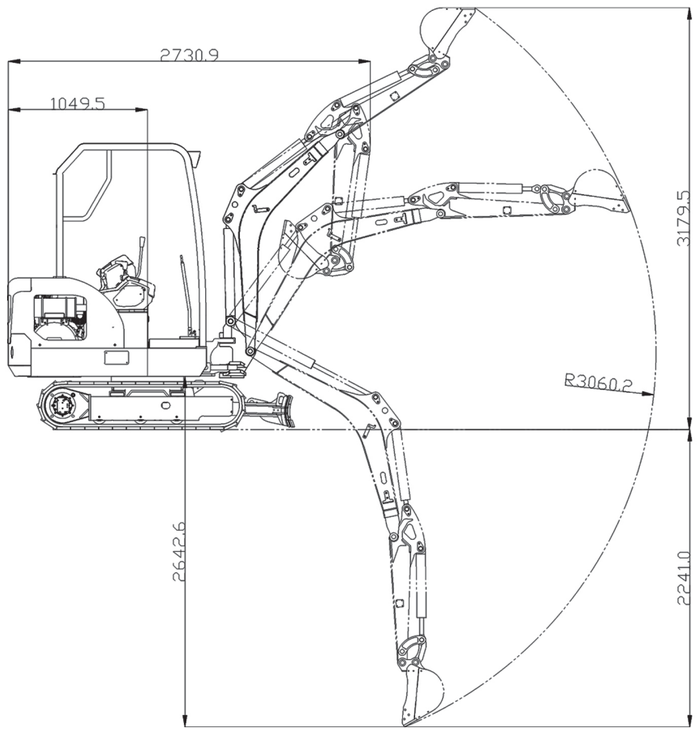
UK25 Mini Excavator

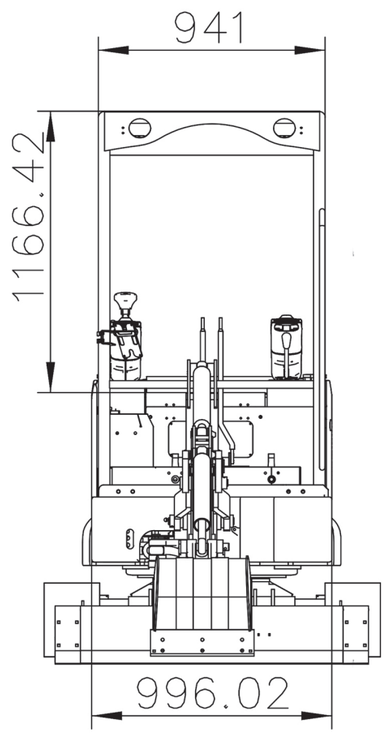
ISO CE EPA EURO5

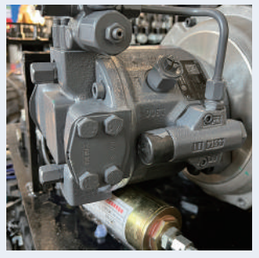
二维码

Bucket Capacity	0.035m³
Chassis Width	1100mm-1400mm
Track Ground Contact Length	1220mm
Gradeability	40°
Ground Clearance	385mm
Track Width	230mm
Fuel Tank Capacity	16L
Overall Dimensions	3700*1100/1400*2203mm
Transport Length	3700mm
Excavator Height	2203mm
Hydraulic Flow	50L/Min
Hydraulic Tank Capacity	16L
Working Pressure	16Mpa
Engine	LaiDong385

Engine Power	30马力
Euro V & EPA Tier 4 Engine	Yanmar3TNV80F
Max Digging Height	3200mm
Max Dumping Height	2290mm
Max Digging Depth	2241mm
Max Digging Radius	3800mm
Swing Radius	1620mm
Bucket Digging Force	16KN
Operating Weight	2300kg
Configuration	Hydraulic pilot control
	Standard four-post canopy
	Gear pump load-sensing
	Boom swing, retractable undercarriage
	High-low speed, travel LCD display



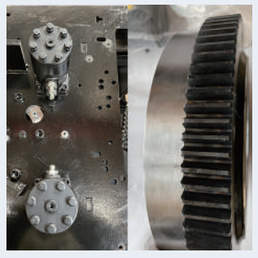




Optional load-sensing piston pump, smooth & powerful action, low engine temperature, fuel efficient.



Equipped with high-low speed motors, delivering powerful performance for strong start-up and excellent climbing capacity.



Dual swing motor, high power, long service life, cushioning function, smooth comfortable & stable movement



When the safety lock is engaged, it provides safety protection when getting off or parking without shutting down the engine.



Comes with one-touch start function, eliminating the trouble of losing and searching for keys.



Breaker stop valve, cast steel material, durable & wear-resistant, precision interface, good mechanical property, anti-oil dripping & leakage



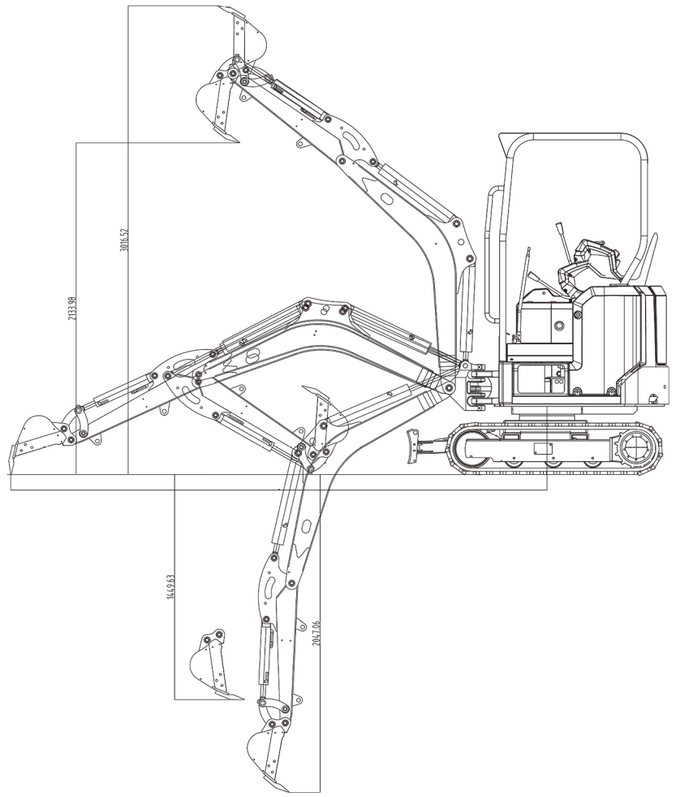
UK26 Mini Excavator

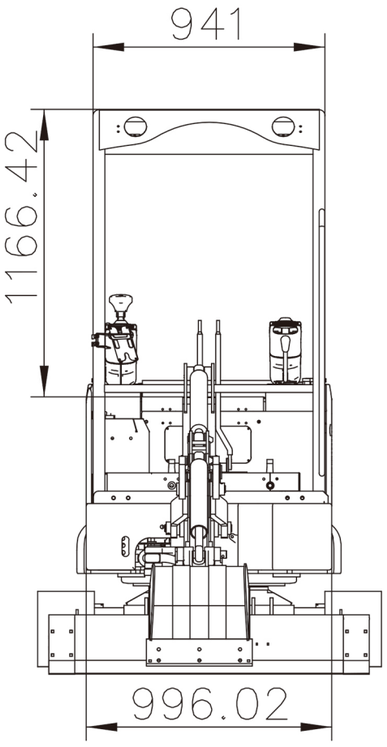
ISO CE EPA EURO5

二维码

Bucket Capacity	0.035m³
Chassis Width	1100mm-1400mm
Track Ground Contact Length	1500mm
Gradeability	40°
Ground Clearance	385mm
Track Width	230mm
Fuel Tank Capacity	16L
Overall Dimensions	3500*1100/1400*2203mm
Transport Length	3550mm
Excavator Height	2203mm
Hydraulic Flow	40L/Min
Hydraulic Tank Capacity	16L
Working Pressure	16Mpa
Engine	Yanmar3TNV80F

Engine Power	15.2kw
Euro V & EPA Tier 4 Engine	Yanmar3TNV80F
Max Digging Height	3016mm
Max Dumping Height	2133mm
Max Digging Depth	2050mm
Max Digging Radius	3800mm
Swing Radius	1645mm
Bucket Digging Force	16KN
Operating Weight	2100kg
Configuration	Rexroth Multi-way Valve
	Rexroth Hydraulic Pump
	Load-sensing Piston Pump



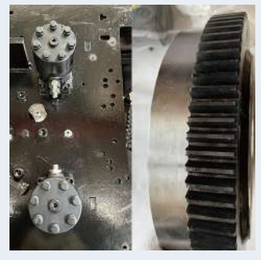




Optional load-sensing piston pump, smooth & powerful action, low engine temperature, fuel efficient.



Zero-tail design, 360° zero-tail swing rotation



Dual swing motor, high power, long service life, cushioning function, smooth comfortable & stable movement



Lift-up body for easier maintenance and inspection



Fully-enclosed high-low speed motor protects the travel motor from damage for extended service life.



Three-sided open-access design for easier maintenance and servicing.



200 Bucket



400 Bucket



Snow Plow



Ditching Bucket



Flat Bucket
500/600/800/1000mm



Tilt Bucket
600/800mm



Rotating Bucket



Tilt Quick Coupler



Clamshell Bucket



Sieve Bucket



Quick Coupler



Semi-Automatic Quick Coupler



360° Rotating Log Grapple



Log Grapple



Integrated Hydraulic Thumb Grapple



Hydraulic Thumb Grapple



Trailer



Trailer2



Two-Tine Ripper



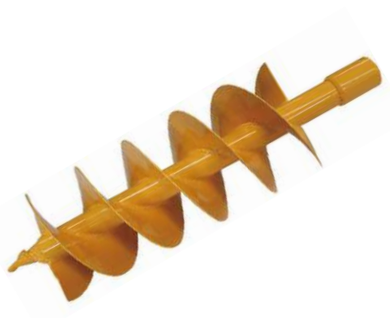
Ripper



Trailer3



Thumb Grapple



Auger



Hydraulic Breaker



Log Splitter



Wood Drill



Plate Compactor



Pallet Fork



Trencher



Milling Planer



Ladder



Snow Blower



Cutter



Rake



Sweeper



Mower