DERETTE

Shandong Derette Machinery Co., Ltd.



MINI EXCAVATOR

DERETTE

MINI EXCAVATOR SERIES

COMPACT POWER · HIGHER PRODUCTIVITY · A STRONGER WORLD

RT15



Engine	Kubota D902 or Yanmar 374F
Operating Weight	1500 (Kg)
Bucket Capacity	0.04 (m³)
Travel Speed	2.2/4.3 (Km/h)
Max Excavation Depth	2200 (mm)

RT18



Engine	Kubota D902
Operating Weight	1800 (Kg)
Bucket Capacity	0.04 (m³)
Travel Speed	2.2/4.5 (Km/h)
Max Excavation Depth	2270 (mm)

RT20



Engine	Kubota D902 or Yanmar 3TNV74
Operating Weight	2000 (Kg)
Bucket Capacity	0.04 (m³)
Travel Speed	2.2/4.3 (Km/h)
Max Excavation Depth	2270 (mm)

RT25



Engine	Yanmar 3TNV80F
Operating Weight	2500 (Kg)
Bucket Capacity	0.068 (m³)
Travel Speed	2.2/3.8 (Km/h)
Max Excavation Depth	2410 (mm)

RT26



Engine	Kubota D1105
Operating Weight	2600 (Kg)
Bucket Capacity	0.068 (m³)
Travel Speed	2/3.8 (Km/h)
Max Excavation Depth	2410 (mm)

RT28



Engine	Yanmar 3TNV80F
Operating Weight	2800 (Kg)
Bucket Capacity	0.068 (m³)
Travel Speed	2/3.5 (Km/h)
Max Excavation Depth	2590 (mm)

RT30



Engine	Kubota D1105 or Yanmar 3TNV80F
Operating Weight	3000 (Kg)
Bucket Capacity	0.065 (m³)
Travel Speed	2.3/4 (Km/h)
Max Excavation Depth	2800 (mm)

RT35



Engine	Kubota D1703 or Yanmar 3TNV88
Operating Weight	3500 (Kg)
Bucket Capacity	0.12 (m³)
Travel Speed	2.4/3.4 (Km/h)
Max Excavation Depth	3000 (mm)



Excavator Attachments



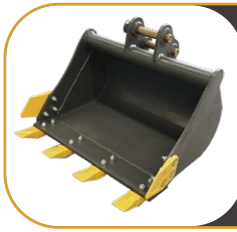
200 mm Bucket



300 mm Bucket



800 mm Bucket



Bucket



500 mm Mud Bucket



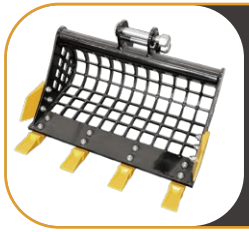
1000 mm Mud Bucket



Tilt Bucket



500 mm Skeleton Bucket



Skeleton Bucket



Sieve Bucket



Root Rake



800 mm Root Rake



Mechanical Log Grapple



Mechanical Root Grapple



Quick Coupler



Ripper



Auger



Auger Drill

RT15

Small Size, Mighty Power

The RT15 is a premium mini excavator. Fitted with a variable piston pump and load-sensing valve system, it offers smooth, comfortable operation. Ideal for landscaping, trenching and urban jobs. It saves fuel, delivers strong breakout force with fast cycle times for better ROI.



Standard Configuration

- Boom Side Swing
- Retractable Undercarriage
- High-Low Travel Motor
- Load Sensing Valve
- Variable Piston Pump
- Piston Swing Motor

Optional Configuration

- Premium Enclosed Cabin: Includes standard fan, heater, retractable front windshield, front protective mesh and radio.
- External Cooling A/C
- Steel Track Upgrade
- Full Body Rubber Track Pads



Boom Side Swing

Boom side swing for confined spaces. Allows parallel digging close to walls and foundations, maximizing versatility in tight working environments.

Ergonomic Cabin Design

Features a spacious, adjustable seat and intuitive controls to significantly reduce operator fatigue during long working hours.









Quick coupler to easily switch between buckets, breakers, augers and more, turning one machine into a multi-purpose workhorse.

Quick Attachment Change

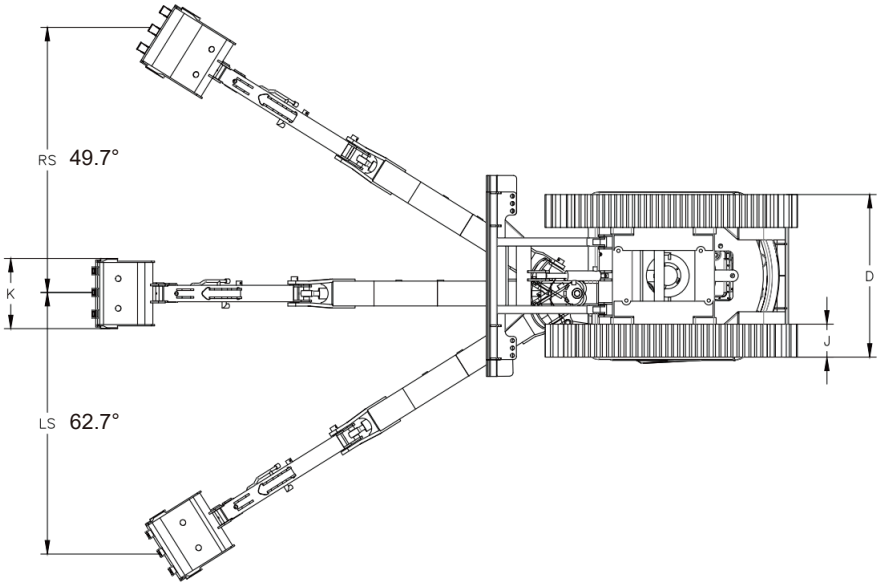
Retractable Undercarriage

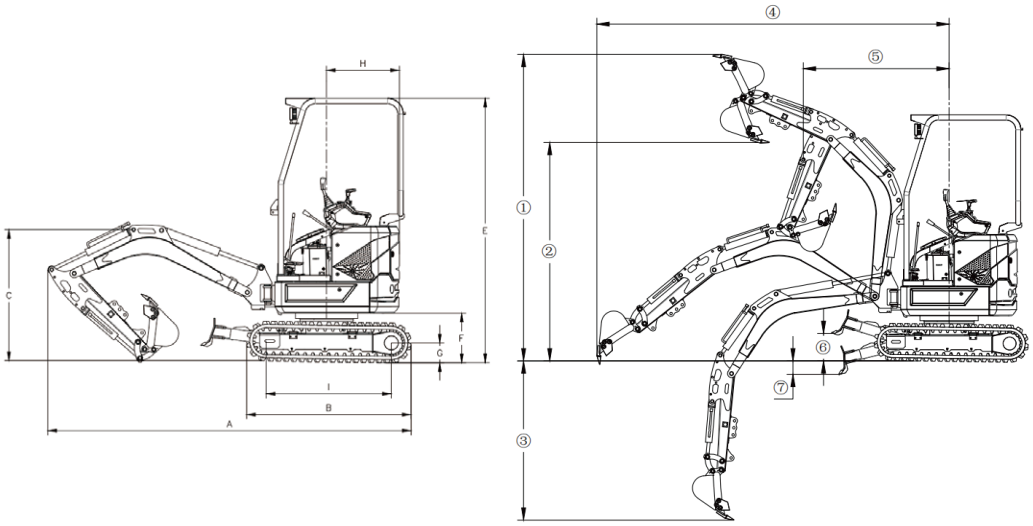
Hydraulically retracts from 1020mm to pass through narrow 1.1-meter gates, then expands to 1270mm for rock-solid stability during high-reach digging.

Industry-leading high-low travel motor dual speed motors（2.2 km/h and 4.3 km/h）. The hidden design protects the travel motors from rocks and debris, ensuring zero downtime on rough terrains.

Hidden 2-Speed Travel Motor

RT15
Mini Excavator





Technical Specifications

Key Specifications	Metric	U.S.
Operating Weight	1500 Kg	3307 Lb
Bucket Capacity	0.04 m³	1.413 ft³
Dimensions(A*D*E)	3350*1020(1270)*3330 mm	131.9*40.2 (50)*131.1 in
Wheelbase(I)	1180 mm	46.5 in
Travel Speed	2.2/4.3 km/h	1.37/2.67 mph
Bucket Digging Force	16 kN	3596.93 lbf
Arm Digging Force	9.5 kN	2135.68 lbf
Fuel Tank Capacity	19 L	5.02 gal
Hydraulic Oil Tank Capacity	20 L	5.28 gal
Engine		
Engine	Kubota D902 or Yanmar 374F	
Rated Power	11.8 kW	16 Hp
Rated Speed	2300 rpm	2300 rpm
Displaacement	0.898 L	0.237 gal
Type	Three-cylinder direct injection	
Dimensions		
Minimum Ground Clearance(G)	150 mm	5.9 in
Tail Swing Radius(H)	650 mm	25.6 in
Bucket Width(K)	430 mm	16.3 in
Counterweight Ground Clearance(F)	420 mm	16.5 in
Working Range		
Maximum Digging Height(1)	2900 mm	114.2 in
Maximum Dumping Height(2)	1950 mm	76.8 in
Maximum Digging Depth(3)	2200 mm	86.6 in
Maximum Digging Radius(4)	3650 mm	143.7 in
Minimum Swing Radius of Working Device(5)	1600 mm	63 in
Max Lifting Height Of Bulldozer(6)	150 mm	5.9 in
Hydraulic System		
Rated Working Flow	41.4 L/min	10.94 gpm
Type	Variable Piston Pump	

RT18

Go Anywhere, Dig Anything

The RT18 is a premium 1.8-ton mini excavator designed for high-performance job sites. Combining a Tier-1 Kubota engine with a sophisticated variable plunger pump, it delivers the smooth control and massive break-out force of a much larger machine.



Standard Configuration

- Boom Side Swing
- Retractable Undercarriage
- High-Low Travel Motor
- Load-Sensing Valve
- Variable Piston Pump
- Piston Swing Motor
- Double Cast Iron Counterweights
- Short-Pitch Rubber Tracks (230*48*70)

Optional Configuration

- Premium Enclosed Cabin: Standard fitted with fan, heater, retractable front windshield, front guard mesh and radio.
- Roof-Mounted Cooling A/C
- Steel Track
- Rubber Track Pads

Hydraulic System

Equipped with **a variable plunger pump and load-sensing valve system**. This premium configuration intelligently balances flow and pressure , enabling smooth simultaneous 3-function movements and superior precision.



360° true zero-tail swing for safe oper tion in confined urban spots.

Hydraulic Retractable Undercarriage (990-1300mm): Shrink to fit 1-meter gates,expand for rock-solid digging stability.



Boom Side Swing: (Left 62°/Right 53°) for effortless foundation trenching.





Hidden high/low speed travel motors protect critical components from debris while offering rapid site mobility (2.2 km/h and 4.5 km/h) and powerful climbing performance.

Hidden 2-Speed Travel Mastery

Double Cast Iron Counterweights: Lower the center of gravity to avoid tipping when swinging under heavy loads.

Piston Swing Motor: High-torque rotation with smooth braking for precise digging.

Pilot Safety Lock: Lift the console to lock all functions instantly and avoid accidental operation.

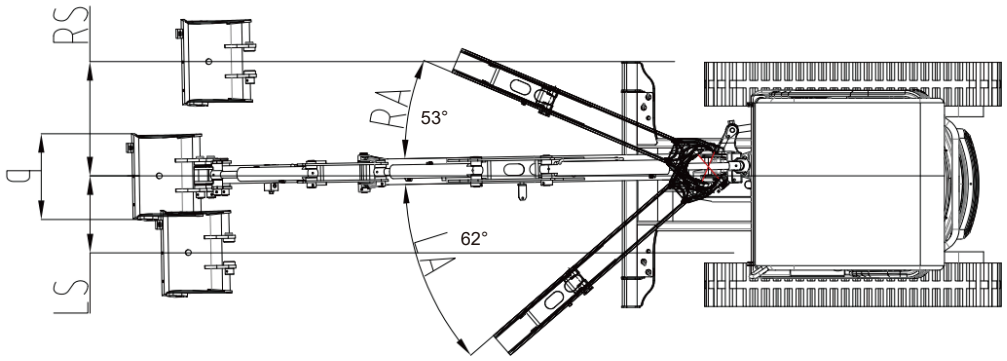
Stable Piston Swing & Enhanced Safety

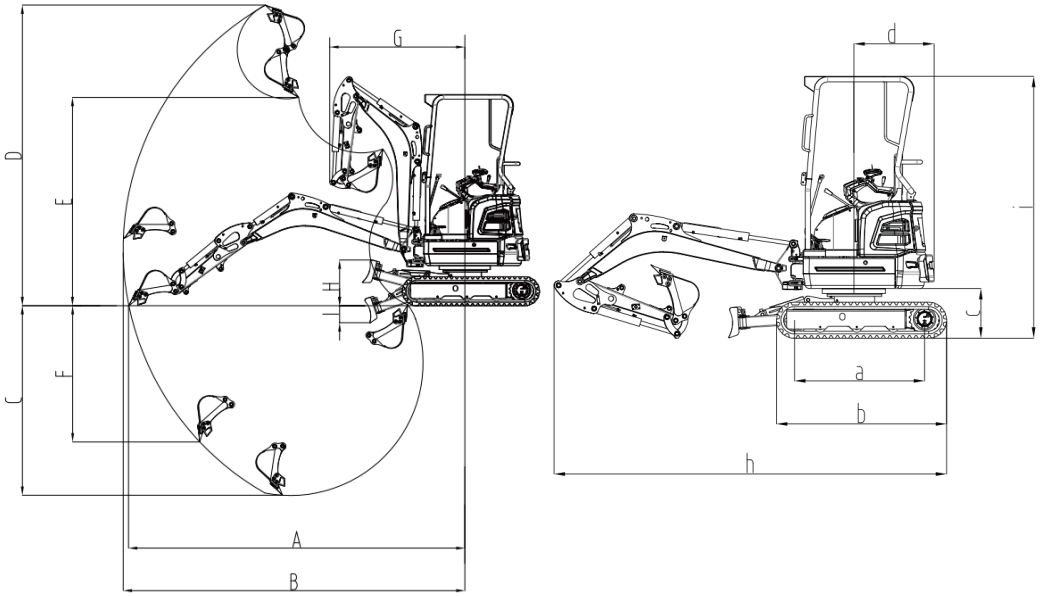


Quick coupler for rapid changes between buckets, breakers and augers, the RT18 instantly transforms into a multi-purpose workhorse for any task.

Quick Attachment Change

RT18
Mini Excavator





Technical Specifications

Key Specifications	Metric	U.S.
Operating Weight	1800 Kg	3968 Lb
Bucket Capacity	0.04 m³	1.413 ft³
Dimensions(h*e*j)	3600*900(1300)*2450 mm	141.7*39(51.2)*96.5 in
Wheelbase(a)	1230 mm	48.4 in
Travel Speed	2.2/4.5 km/h	1.37/2.8 mph
Bucket Digging Force	16 kN	3596.93 lbf
Arm Digging Force	9.5 kN	2135.68 lbf
Fuel Tank Capacity	19 L	5.02 gal
Hydraulic Oil Tank Capacity	17.5 L	4.62 gal
Engine		
Engine	Kubota D902	
Rated Power	11.8 kW	16 Hp
Rated Speed	2300 rpm	2300 rpm
Displaacement	0.898 L	0.237 gal
Engine Oil Capacity	3.7 L	0.98 gal
Dimensions		
Upper Chassis Ground Clearance(c)	460 mm	18.1 in
Counter Weight Turning Radius(d)	735 mm	28.9 in
Bucket Width(q)	485 mm	19.1 in
Track Height(g)	380 mm	15 in
Working Range		
Maximum Lift Of Dozer Blade(H)	280 mm	11 in
Minimum Turning Radius(G)	1540 mm	60.6 in
Maximum Digging Height(D)	3570 mm	140.6 in
Maximum Dumping Height(E)	2480 mm	97.6 in
Maximum Digging Depth(D)	2270 mm	89.4 in
Maximum Digging Radius(B)	3910 mm	153.9 in
Hydraulic System		
Rated Working Flow	64 L/min	16.9 gpm
Pressure	23 MPa	3336 psi

RT20

Power & Agile Compactness

The 2000 kg RT20 features a canopy and a compact footprint. With zero-tail-swing, a retractable undercarriage, and boom swing, it offers maximum flexibility and a wide working range. Its true versatility is unlocked by compatibility with multiple attachments like hydraulic/mechanical quick couplers, thumbs, breakers and augers.







Standard Configuration

- Enclosed Cabin with Heater
- Hengli Load-Sensing Pump
- High-Low Travel Motor
- Retractable Chassis
- Boom Side Swing
- Dual-Way Auxiliary Piping
- Pilot Safety Lockout
- Other standard configurations

Working Device & Flexibility

Obstacle-Free Digging: High-strength cast steel boom with a top-mounted cylinder to eliminate collision risks during loading.
Concealed Hydraulics: Hoses are fully routed inside the structure to prevent snags, accidental damage and wear.



Advanced Hydraulic Performance

Load-Sensing Hydraulic System: Engineered with a load-sensing system that delivers high system pressure, superior efficiency, and lightning-fast response times for precise compound movements.



Full Hydraulic Pilot Control: High-precision pilot joysticks deliver effortless, smooth operation for superior control.



Choose between **Yanmar 3TNV74 or Kubota D902** engines (11.8kW).
Fully certified for EPA Tier 4 & Euro Stage V markets.

Tier-1 Brand Power



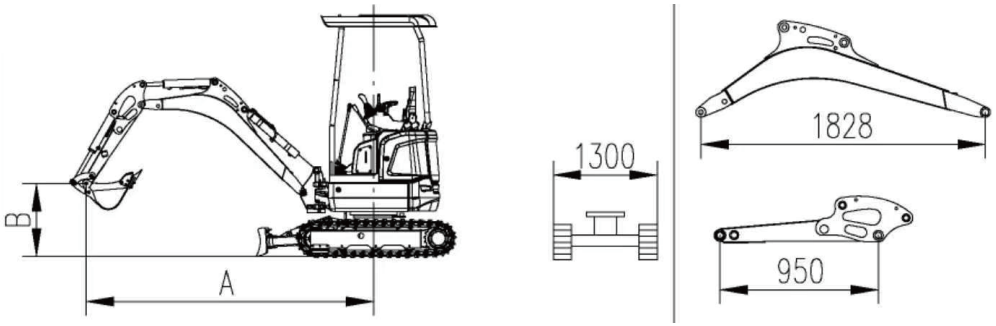


990-1300mm Telescopic Chassis: Retract to fit 1m narrow gateways; extend for reliable stability in deep digging.

True Zero-Tail Swing: Enables safe operation close to walls with compact 360° rotation.
High/Low Speed Travel Motors: Adjustable travel speed from 2.2 km/h to 4.3 km/h.

Undercarriage & Travel System

RT20
Mini Excavator



Lift Capacity	RATED LIFT CAPACITY OVER BLADE,BLADE DOWN -kg			RATED LIFT CAPACITY OVER BLADE,BLADE UP -kg			RATED LIFT CAPACITY OVER SIDE,BLADE UP -kg		
A mm / B mm	2000	3000	At Max.Radius @(mm)	2000	3000	At Max.Radius @(mm)	2000	3000	At Max.Radius @(mm)
2500			323*@(2577)			323*@(2577)			312*@(2577)
2000			338*@(2965)			205*@(2965)			198*@(2965)
1000	554*	422*	366*@(3316)	338	155	131*@(3316)	333	147	124*@(3316)
0	461*	404*	356*@(3261)	305	145	115*@(3261)	300	137	109*@(3261)
-1000	438*		304*@(2767)	279		144*@(2767)	272		138*@(2767)

Technical Specifications

Key Specifications	Metric	U.S.
Operating Weight	2000 Kg	4409 Lb
Bucket Capacity	0.04 m³	1.413 ft³
Dimensions	3575*990*2405 mm	140.7*38.9*94.7 in
Ground Pressure	29 kPa	4.21 psi
Engine		
Engine	Kubota D902 or Yanmar 3TNV74	
Rated Power	11.8 kW	16 Hp
Rated Speed	2300 rpm	2300 rpm
Displacement	0.898 L	0.237 gal
Performance		
Bucket Digging Force	16 kN	3596.93 lbf
Arm Digging Force	9.5 kN	2135.68 lbf
Swing Speed	9.5 r/min	9.5 rpm
Travel Speed	2.2/4.3 km/h	1.37/2.67 mph
Gradeability	58% (30°)	58% (30°)
Minimum Ground Clearance	145 mm	5.7 in
Wheelbase	1230 mm	48.4 in
Track Gauge	760 / 1070 mm	29.9 / 42.13 in
Chassis Width	990 / 1300 mm	38.9 / 51.2 in
Maximum Digging Height	3570 mm	140.5 in
Maximum Dumping Height	2480 mm	97.6 in
Maximum Digging Depth	2270 mm	89.4 in
Maximum Digging Radius	3910 mm	153.9 in
Hydraulic System		
Rated Working Flow	64.4 L/min	17.01 gpm

RT25

Efficiency Meets Comfort

The RT25 is engineered to redefine performance in the mini excavator class. Operating weight at 2500 kg, this machine strikes the perfect balance between compact agility and heavy-duty digging power. Whether you are working in tight indoor spaces or rugged outdoor terrain, the RT25 delivers exceptional efficiency and operator comfort.



Standard Configuration

- Boom Side Swing
- Retractable Undercarriage
- High-Low Travel Motor
- Load-Sensing Valve
- Variable Piston Pump
- Piston Swing Motor
- Industrial Rubber Tracks (250*48*82)

Optional Configuration

- Enclosed Cabin
- External Cooling A/C
- Steel Track
- Steel Tracks with Rubber Pads



Enhanced Comfort

Inside,an adjustable suspension seat ensures maximum comfort,while intuitively positioned pilot controls allow for easy reach and reduced effort during operation.



Precision Boom Side Swing



Precision Digging: Equipped with a high-flexibility boom swing (Left 65°/ Right 50°), allowing for effortless,surgical excavation along walls and foundations withou moving the machine.

The RT25 can simultaneously drive a wide range of sophisticated attachments such as breakers, augers and grapples, greatly enhancing the machine's adaptability to various working conditions and its overall versatility.



Quick Attachment Change

Fitted with premium 70L/min piston pump and load-sensing multi-way valve. This full piston system distributes power on demand for precise, smooth combined movements without losing digging power.

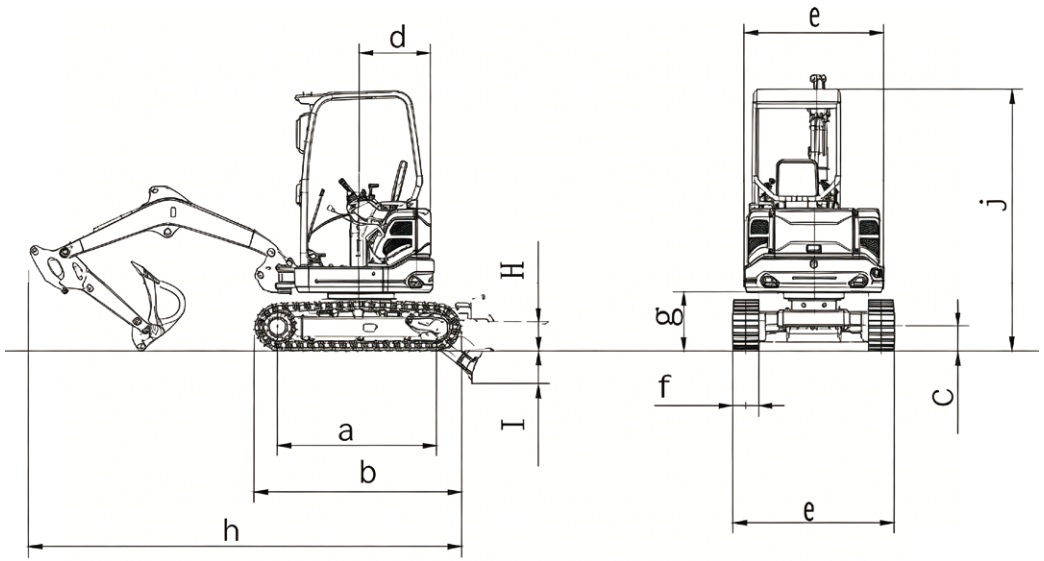
High-Efficiency Precision Hydraulics

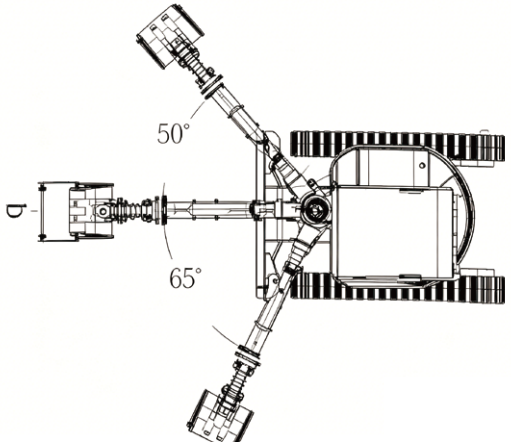
High adaptability for narrow spaces: Hydraulically adjustable track width from 1300mm for tight access, up to 1500mm to deliver robust stability for digging and heavy lifting.

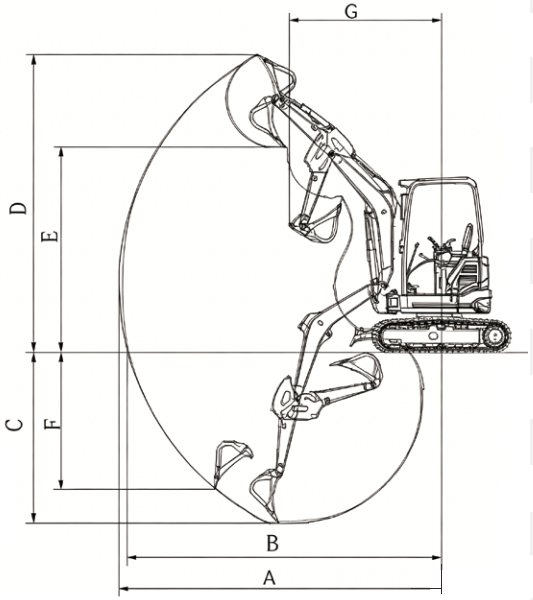


Hydraulic Retractable Chassis

RT25
Mini Excavator







Technical Specifications

Key Specifications	Metric	U.S.
Operating Weight	2500 Kg	5511.6 Lb
Bucket Capacity	0.068 m³	2.401 ft³
Dimensions(h*e*j)	4100*1300(1500)*2440 mm	161.4*51.2(59.1)*96.1 in
Wheelbase(a)	1500 mm	59.1 in
Travel Speed	2/3.8 km/h	1.24/2.36 mph
Bucket Digging Force	20 kN	4496.18 lbf
Arm Digging Force	13.5 kN	3034.92 lbf
Fuel Tank Capacity	20 L	5.28 gal
Hydraulic Oil Tank Capacity	18 L	4.76 gal
Engine		
Engine	Yanmar 3TNV80F	
Rated Power	15.2 kW	20.4 Hp
Rated Speed	2500 rpm	2500 rpm
Displaacement	1.26 L	0.327 gal
Engine Oil Capacity	3.4 L	0.898 gal
Dimensions		
Upper Chassis Ground Clearance(c)	220 mm	8.7 in
Counter Weight Turning Radius(d)	670 mm	26.4 in
Bucket Width(q)	515 mm	20.3 in
Rotary Table Ground-Off Height(g)	520 mm	20.5 in
Working Range		
Maximum Lift Of Dozer Blade(H)	260 mm	10.2 in
Minimum Turning Radius(G)	2130 mm	83.9 in
Maximum Digging Height(D)	4190 mm	165 in
Maximum Dumping Height(E)	2880 mm	113.4 in
Maximum Digging Depth(C)	2410 mm	94.9 in
Maximum Digging Radius(B)	4400 mm	173.2 in
Hydraulic System		
Rated Working Flow	70 L/min	18.5 gpm
Pressure	24.5 MPa	3553 psi

RT26

SmartTech. Easy Handling.

The RT26 compact excavator is equipped with the genuine Kubota D1105 engine, fully compliant with Euro 5 and EPA 4 emission regulations. It delivers outstanding fuel efficiency and reliable performance, making it an excellent choice for rental-oriented operations.



Standard Configuration

- Boom Side Swing
- Retractable Undercarriage
- High-Low Travel Motor
- Load-Sensing Valve
- Variable Piston Pump
- 100KG Auxiliary Counterweight
- Original Japanese Kubota D1105 Engine

Optional Configuration

- Enclosed Cabin
- External Cooling A/C
- Steel Track
- Steel Tracks with Rubber Pads



Convenient Maintenance

Open rear and side covers for quick filter replacement, oil change and refueling.

Comfortable Operation & High Working Efficiency

Adjustable safety seat with headrest and safety belt. Multi-function joysticks control different attachments. It can complete smooth compound actions for digging, loading and leveling.









Powered by original Japanese Kubota D1105 engine, compliant with Euro 5 and EPA4 standards. Premium hydraulic parts deliver powerful digging force and smooth operation.

Reliable Power and Low-Emission Performance

Plenty of optional attachments are available to handle various working tasks.

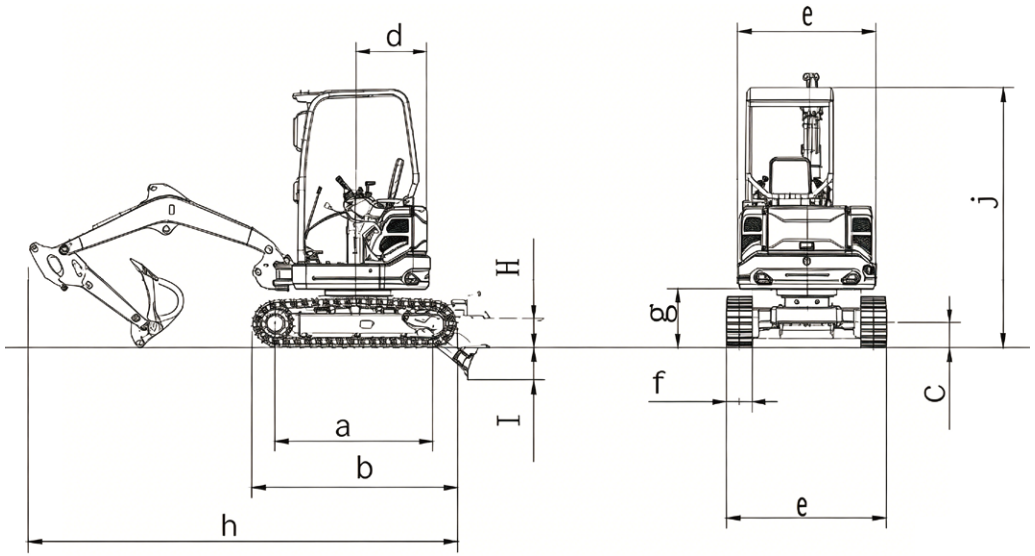
Quick Attachment Change

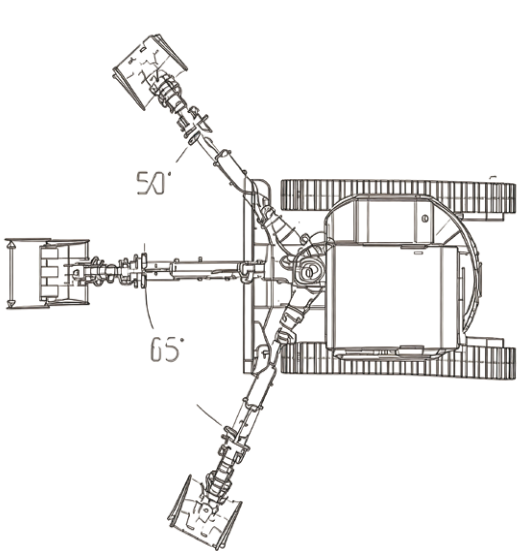


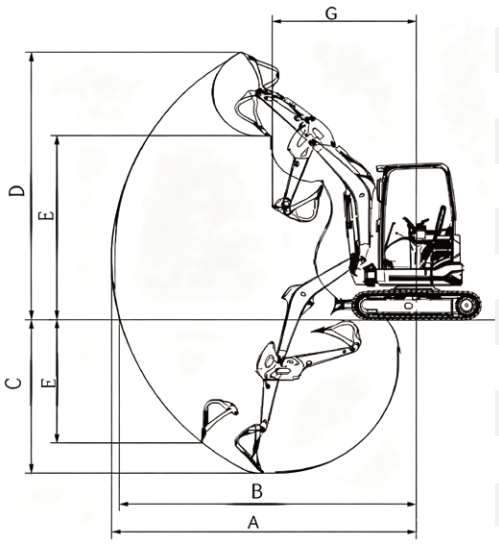
Comes with swing boom and extendable chassis (1300 mm for transport, 1500 mm for work). Standard 100 kg auxiliary counterweight and removable bulldozer blade, well-suited for narrow-space jobs and rental business.

Good Adaptability to Tight Working Sites

RT26
Mini Excavator







Technical Specifications

Key Specifications	Metric	U.S.
Operating Weight	2300 Kg	5071 Lb
Bucket Capacity	0.068 m³	2.401 ft³
Dimensions(h*e*j)	4100*1300(1500)*2440 mm	161.4*51.2(59.1)*96.1 in
Wheelbase(a)	1500 mm	59.1 in
Travel Speed	2/3.8 km/h	1.24/2.36 mph
Bucket Digging Force	24 kN	5395.4 lbf
Arm Digging Force	14.8 kN	3327.2 lbf
Fuel Tank Capacity	20 L	5.28 gal
Hydraulic Oil Tank Capacity	18 L	4.76 gal
Engine		
Engine	Kubota D1105	
Rated Power	14 kW	18.77 Hp
Rated Speed	2500 rpm	2500 rpm
Displaacement	1.26 L	0.327 gal
Engine Oil Capacity	3.4 L	0.898 gal
Dimensions		
Upper Chassis Ground Clearance(c)	220 mm	8.7 in
Counter Weight Turning Radius(d)	670 mm	26.4 in
Bucket Width(q)	515 mm	20.3 in
Rotary Table Ground-Off Height(g)	520 mm	20.5 in
Working Range		
Maximum Lift Of Dozer Blade(H)	260 mm	10.2 in
Minimum Turning Radius(G)	2130 mm	83.9 in
Maximum Digging Height(D)	4190 mm	165 in
Maximum Dumping Height(E)	2880 mm	113.4 in
Maximum Digging Depth(C)	2410 mm	94.9 in
Maximum Digging Radius(B)	4400 mm	173.2 in
Hydraulic System		
Rated Working Flow	61.6 L/min	16.3 gpm
Pressure	24.5 MPa	3553 psi

RT28

Master of Confined Spaces

The design of the RT28 aims to maximize versatility in confined spaces. Equipped with a swing boom and a retractable chassis, the machine offers exceptional flexibility, easily passing through narrow doorways while maintaining a stable footprint. It delivers reliable traction and smooth rotation on any terrain.



Standard Configuration

- Boom Side Swing
- Retractable Undercarriage
- High-Low Travel Motor
- Full Hydraulic Load-Sensing Valve
- Variable Piston Pump
- Piston Swing Motor
- Industrial Rubber Tracks (300*52*580)
- 200KG Auxiliary Counterweight

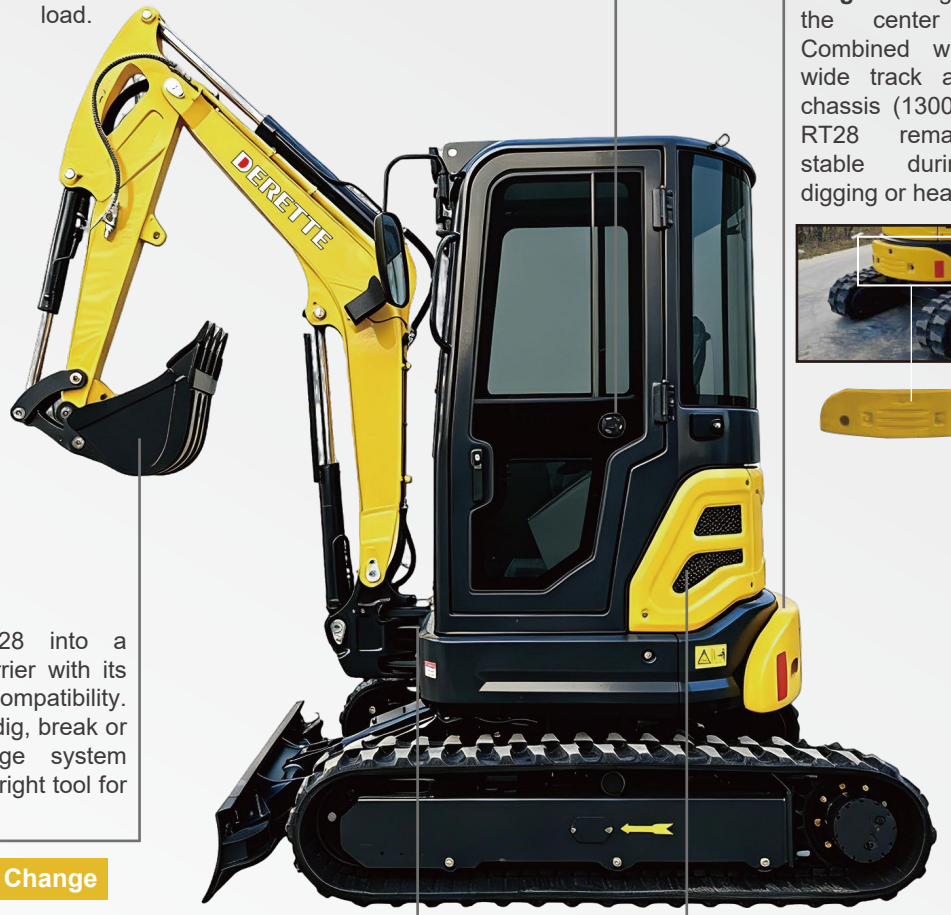
Optional Configuration

- Enclosed Cabin
- Roof-Mounted Cooling A/C
- Steel Track
- Steel Tracks with Rubber Pads



Advanced Hydraulic System

Featuring a variable piston pump paired with a full-hydraulic load-sensing valve.This flagship system intelligently synchronizes pressure and flow, allowing for surgically precise compound movements and effortless operation under maximum load.



Stability & Durability

Engineered forbalance: equipped with a standard **200kg heavy-duty counterweight** to significantly lower the center of gravity. Combined with a 300mm wide track and retractable chassis (1300-1500mm), the RT28 remains perfectly stable during full-reach digging or heavy lifting.





Transform your RT28 into a multi-purpose tool carrier with its versatile attachment compatibility. Whether you need to dig, break or drill, the easy-change system ensures you have the right tool for every job.

Quick Attachment Change



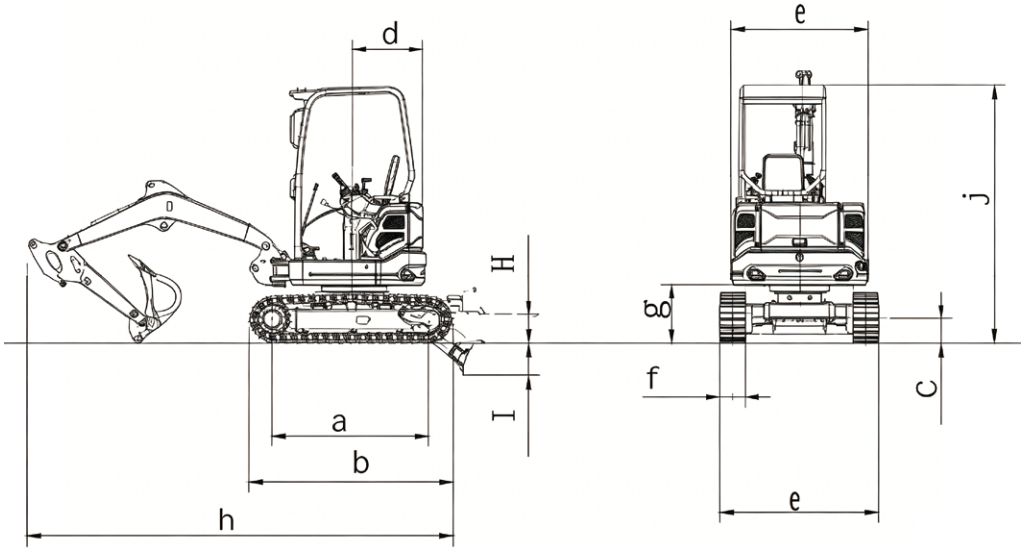
It comes with a heavy-duty swing boom (65° left / 50° right) and concealed hydraulics for better protection. Zero-tail design enables safe full rotation inside the track width to avoid rear collisions.

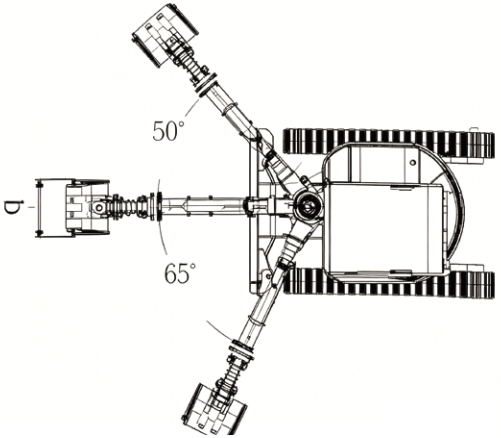
Total site agility

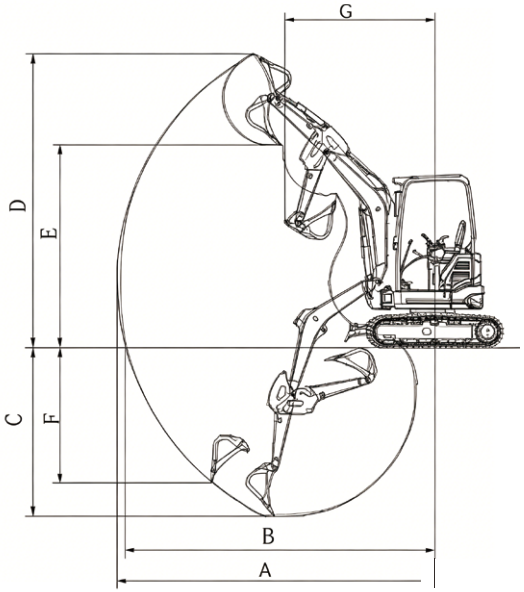
Its heavy-duty piston motors support two travel speeds. It delivers strong traction on rough ground, and the piston swing motor enables fast, smooth rotation to boost working efficiency.

Robust Drive System

RT28
Mini Excavator







Technical Specifications

Key Specifications	Metric	U.S.
Operating Weight	2800 Kg	6172.9 Lb
Bucket Capacity	0.068 m³	2.401 ft³
Dimensions(h*e*j)	4100*1370(1570)*2440 mm	161.4*53.9(61.8)*96.1 in
Wheelbase(a)	1520 mm	59.8 in
Travel Speed	2/3.5 km/h	1.24/2.17 mph
Bucket Digging Force	20 kN	4496.18 lbf
Arm Digging Force	13.5 kN	3034.92 lbf
Fuel Tank Capacity	20 L	5.28 gal
Hydraulic Oil Tank Capacity	18 L	4.76 gal
Engine		
Engine	Yanmar 3TNV80F	
Rated Power	15.2 kW	20.4 Hp
Rated Speed	2500 rpm	2500 rpm
Displaacement	1.26 L	0.327 gal
Engine Oil Capacity	3.4 L	0.898 gal
Dimensions		
Upper Chassis Ground Clearance(c)	220 mm	8.7 in
Counter Weight Turning Radius(d)	700 mm	27.56 in
Bucket Width(q)	515 mm	20.3 in
Rotary Table Ground-Off Height(g)	570 mm	22.44 in
Working Range		
Maximum Lift Of Dozer Blade(H)	260 mm	10.2 in
Minimum Turning Radius(G)	2250 mm	88.58 in
Maximum Digging Height(D)	4370 mm	172.05 in
Maximum Dumping Height(E)	3060 mm	120.47 in
Maximum Digging Depth(C)	2590 mm	101.97 in
Maximum Digging Radius(B)	4520 mm	177.95 in
Hydraulic System		
Rated Working Flow	70 L/min	18.5 gpm
Pressure	24.5 MPa	3553 psi

RT30

Built to Dig, Made to Last

The 3000 kg RT30 offers robust power and superior performance. With zero-tail-swing and boom swing functions, it ensures maximum operational flexibility. It supports optional wide and various narrow buckets, and is compatible with multiple attachments like hydraulic/mechanical quick couplers, thumbs, breakers and augers for versatile, one-machine solutions.







Standard Configuration

- Enclosed Cabin with Heater
- Hengli Hydraulic System
- Hengli Load-Sensing Pump
- Eddie Slewing & Travel Motors
- High-Low Travel Motor
- Boom Side Swing
- Pilot Safety Lockout
- Other standard configurations

Tier-1 Brand Power

Dual Choice: Genuine Yanmar 3TNV80F or Kubota D1105 engines (15.2kW).

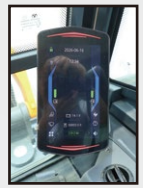


Compliance: Fully certified for EPA Tier 4 & Euro Stage V markets.

Smart Control &Enhanced Comfort

7" Intelligent Display: Multi-function HD touchscreen for advanced human-machine interaction and a smarter opera-tion experience.

Ergonomic Efficiency: Strategically placed instrument and controls designed for maximum convenience an dall-day comfort.







True Zero-Tail: Safe 360° rotation within track width perfect for urban job sites.





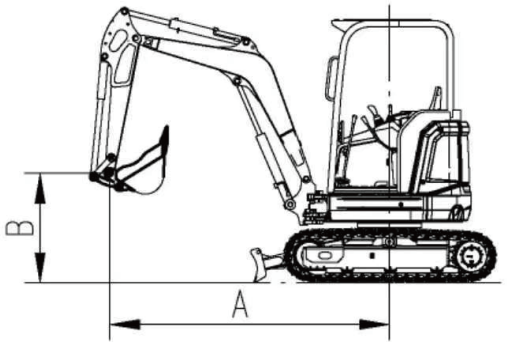
Undercarriage & Travel System

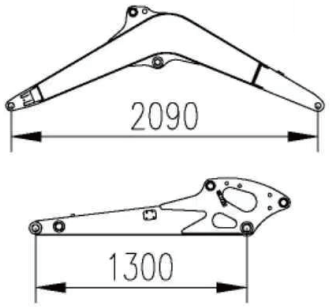
High/low speed travel motors protect critical components from harsh environments while offering rapid site mobility (2.3 km/h and 4.0 km/h) and powerful high-torque climbing performance.



High/low Dual-speed Travel Motors

RT30
Mini Excavator





Lift Capacity	RATED LIFT CAPACITY OVER BLADE,BLADE DOWN -kg			RATED LIFT CAPACITY OVER BLADE,BLADE UP -kg			RATED LIFT CAPACITY OVER SIDE,BLADE UP -kg		
A mm / B mm	2000	3000	At Max.Radius @(mm)	2000	3000	At Max.Radius @(mm)	2000	3000	At Max.Radius @(mm)
3000			493*@(2663)			363*@(2663)			371*@(2663)
2000	538*	445	391*@(3188)	527*	278	239*@(3188)	538*	284	244*@(3188)
1000	787*	433	346*@(3347)	592	266	206*@(3347)	605	272	211*@(3347)
0	898	421	374*@(3197)	557	255	224*@(3197)	569	261	229*@(3197)
-1000	863*		521*@(2685)	554		322*@(2685)	564		329*@(2685)

Technical Specifications

Key Specifications	Metric	U.S.
Operating Weight	3000 Kg	6614 Lb
Bucket Capacity	0.065 m³	2.295 ft³
Dimensions	4200*1550*2480 mm	165*61*97.6 in
Ground Pressure	27.3 kPa	3.96 psi
Engine		
Engine	Yanmar 3TNV80F or Kubota D1105	
Rated Power	15.2 kW	20.4 Hp
Rated Speed	2400 rpm	2400 rpm
Displacement	1.267 L	0.335 gal
Performance		
Bucket Digging Force	24 kN	5395.42 lbf
Arm Digging Force	14.8 kN	3327.17 lbf
Swing Speed	10 r/min	10 rpm
Travel Speed	2.3/4.0 km/h	1.43/2.49 mph
Gradeability	58% (30°)	58% (30°)
Minimum Ground Clearance	300 mm	11.81 in
Wheelbase	1560 mm	61.42 in
Track Gauge	1250 mm	49.21 in
Chassis Width	1550 mm	61.02 in
Maximum Digging Height	4390 mm	172.83 in
Maximum Dumping Height	3060 mm	120.47 in
Maximum Digging Depth	2800 mm	110.24 in
Maximum Digging Radius	4800 mm	188.98 in
Hydraulic System		
Rated Working Flow	95 L/min	25.1 gpm

RT35

Reliable Power, Every Hour

Powered by Yanmar engine or Kubota the RT35 hydraulic excavator offers strong power and superior fuel efficiency. Featuring multiple hydraulic lines, zero-tail-swing and boom swing functions, it guarantees dead-angle-free operation in tight spaces.







Standard Configuration

- Enclosed Cabin with Heater
- Hengli Load-Sensing Pump
- High-Low Travel Motor
- Boom Side Swing
- Dual-Way Auxiliary Piping
- Pilot Safety Lockout
- Other standard configurations

High/low Dual-speed Travel Motors

High/low speed travel motors protect critical components from harsh environments while offering rapid site mobility (2.4 km/h and 4.4 km/h) and powerful high-torque climbing.



Luxury Intelligent operator Station

Total Comfort: Enclosed cabin with A/C (heat/cool), bluetooth/USB radio and Hi-Fi Audio.
Smart Control: Large color touchscreen for intuitive multi-function interaction.



Dual Auxiliary Piping: Standard multi-way auxiliary piping supports easy integration of breakers, hydraulic shears and augers, providing full-range functionality for every jobsite mode.
Quick-Hitch System: Switch professional tools in under 30 seconds to keep your jobsite moving.

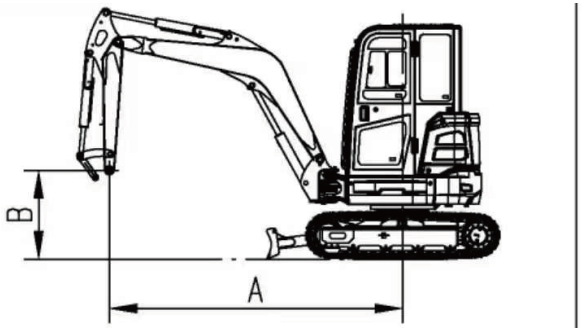
Professional Attachment Carrier

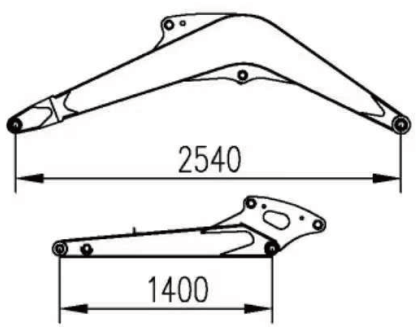


Elite Power: Choose between Yanmar 3TNV88 or Kubota D1703 (18.2kW) for massive torque and reliability.
Tier4/StageV: Fully compliant with USA and EU emission standards.

Dual Premium Engine Options

RT35
Mini Excavator





Lift Capacity	RATED LIFT CAPACITY OVER BLADE,BLADE DOWN -kg				RATED LIFT CAPACITY OVER BLADE,BLADE UP -kg				RATED LIFT CAPACITY OVER SIDE,BLADE UP -kg			
A mm / B mm	2000	3000	4000	At Max.Radius @(mm)	2000	3000	4000	At Max.Radius @(mm)	2000	3000	4000	At Max.Radius @(mm)
4000				803*@(2663)				704*@(2663)				660*@(2663)
3000			818*	668*@(3188)			534	484*@(3188)			503	458*@(3188)
2000		1000*	855*	667*@(3347)		820	522	410*@(3347)		762	491	386*@(3347)
1000		1427*	1026*	695*@(4755)		755	499	387*@(4755)		703	468	364*@(4755)
0		1650*	1127*	787*@(4602)		720	472	398*@(4602)		699	452	371*@(4602)
-1000	2352*	1632*	1072*	998*@(4148)	1367	717	472	459*@(4148)	1245	665	451	431*@(4148)
-2000	2037*	1217*		1020*@(3224)	1413	743		665*@(3224)	1287	691		620*@(3224)

Technical Specifications

Key Specifications	Metric	U.S.
Operating Weight	3500 Kg	7716 Lb
Bucket Capacity	0.12 m³	4.238 ft³
Dimensions	4880*1740*2550 mm	192.1*68.5*100.4 in
Ground Pressure	32 kPa	4.64 psi
Engine		
Engine	Yanmar 3TNV88 or Kubota D1703	
Rated Power	18.2 kW	24.4 Hp
Rated Speed	2200 rpm	2200 rpm
Displacement	1.642 L	0.434 gal
Performance		
Bucket Digging Force	30.4 kN	6834.19 lbf
Arm Digging Force	18.2 kN	4091.52 lbf
Swing Speed	9 r/min	9 rpm
Travel Speed	2.4/4.4 km/h	1.49/2.73 mph
Gradeability	58% (30°)	58% (30°)
Minimum Ground Clearance	295 mm	11.61 in
Wheelbase	1635 mm	64.37 in
Track Gauge	1440 mm	56.69 in
Chassis Width	1740 mm	68.5 in
Maximum Digging Height	4910 mm	193.31 in
Maximum Dumping Height	3545 mm	139.57 in
Maximum Digging Depth	3000 mm	118.11 in
Maximum Digging Radius	5500 mm	216.54 in
Hydraulic System		
Rated Working Flow	96.8 L/min	25.57 gpm



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