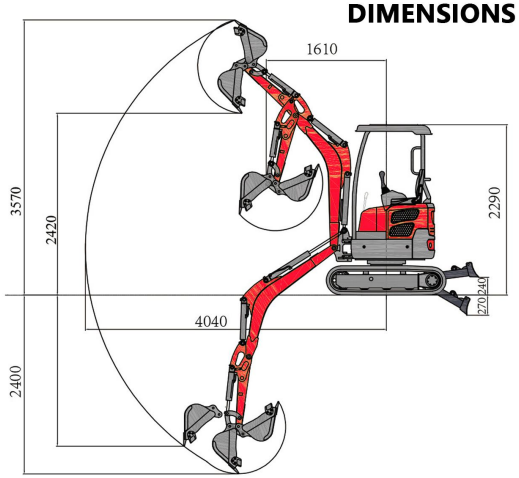
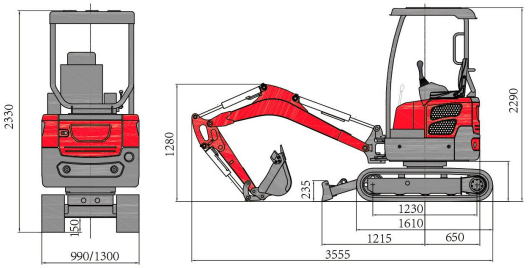
| SPECIFICATIONS | |
|---|---|
| Operation Weight | 4400 lbs / 2.0 ton |
| Digging Bucket Capacity | 2.5 cubic FT/0.07 $m^3$ |
| Engine | KUBOTA D1105 |
| Rated Power | 14 KW (19HP) 2000 rpm |
| Displacement | 1.12 L |
| Max. Bucket Digging Force | 4046.6 lbs (18 KN) |
| Max. Arm Digging Force | 2472.9 lbs (11 KN) |
| Max. Grade Ability | 30° |
| Fuel Capacity | 4.8 gals / 18 L |
| Operating Pressure | 3190.9 PSI (22 Mpa) |
| Hydraulic Flow Rate | 14.9 GPM (56.4 L/min) |
| Hydraulic Oil Capacity | 4 gals/ 15 L |
| Swing Motor | Eaton |
| Swing Speed | 0-9 RPM |
| Traveling Motor | Likechuan |
| Travel Speed(Low/High) | 1.9/3.4 KM/H |
| Boom Swing Angel(L/R) | 50°/55° |

| MAIN DIMENSIONS | |
|---|---|
| Wheeibase | 1230 mm/4' |
| Total Length of Track | 1610 mm/5'3" |
| Platform Ground Clearance | 480 mm/1'7" |
| Platform Back Turning Radius | 800 mm/2'7" |
| Chassis Width | 990 mm/3'3" |
| Track Width | 230 mm/9" |
| Track Height | 400 mm/1'4" |
| Transport Length | 3555 mm/11'8" |
| Seat to Floor Height | 1500 mm/4'11" |
| Overall Height | 2290 mm/9'6" |

| OPERATING RANGE | |
|---|---|
| Max. Digging Radius on Ground | 3960 mm/13' |
| Max. Digging Radius | 4040 mm/13'3" |
| Max. Digging Depth | 2400 mm/7'10" |
| Max. Digging Height | 3700 mm/12'2" |
| Max. Unloading Height | 2440 mm/8' |
| Max. Vertical Digging Depth | 2025 mm/6'8" |
| Min. Swing Radius | 1610 mm/5'3" |
| Max. Lifting Height of Dozer Blade | 240 mm/9.4" |
| Max. Digging Depth of Dozer Blade | 270 mm/10.6" |

## DIMENSIONS





**Shandong Carti Machinery Co., Ltd**

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Add: Jining High-tech Zone, Shandong Province, China


Note: ue to technological upgrades, the actual product maybediferent from what is shown. Diagrams,photos, and infor-mationare for reference only.


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INTEGRITYCREATESTHEFUTURE
QUALITYCREATES BRILLIANCE

# CARTIWELL

CARTIWELL ALL TERRAIN EXCAVATORS

# CW-20C

CARTIWELL CW-20C compact excavator gives you the Performance and efficiency you need in tight spaces.



# When space is at a premium, the 20C delivers the maneuverability, power, performance and versatility that get the job done.

When you have to take on a tough job in a tight space, look no further than the versatile 20C. This compact excavator delivers the power you need, the control you want, and the smooth performance you demand. Plus, CARTIWELL improved the pump capacity, extended the dozer arm, and loaded it with a host of other upgrades that will help you get the job done more efficiently and more productively.

**CARTIWELL ZERO TAIL SWING MULTIFUNCTIONAL EXCAVATOR**

**20C**

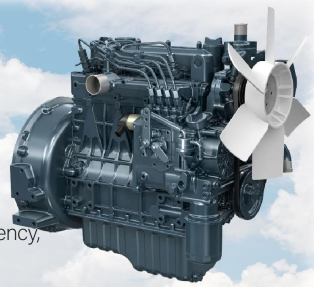



## ZERO-TAIL SWING

Zero-tail swing means you'll neveragain worry about what is to theside or behind you while you work.No matter how far you turn, the tailalways remains within the widthof the tracks. Zero-tail swing alsoensures excellent balance, stabilityand faster operation, making 20C ideal for jobs in congestedurban areas.

### KUBOTA D1105
### More Powerful Engine

We upgraded the engine. As a result, the 20C delivers the more power and reliability you need for your work. In addition to its superior horsepower and performance, it offers lower noise and vibration levels, excellent fuel efficiency, and meets EPA EURO5 certification.



### More powerful piston pump

We've increased the hydraulic pump capacity to 14.9 GPM (56.4 L/min), giving you the boost of versatility you need tot ake on a wide variety of jobs.

### Foldable dozer blade

20C has extended the dozer arm to optimize the clearance between the dozer and the bucket-this makesc ollecting soil and rocks close to the machine simple and more efficient. And, the extended length of the dozer arm also helps prevent soil or rocks from getting caught between the dozer and the crawler.

### Air pre-filter

20C comes with an additional air filter, which makes the machine's emissions more environmentally friendly and energy-efficient.



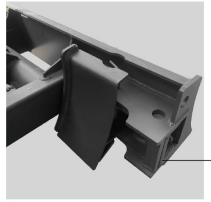
### High wear-resistant short pitch rubber track

Like many high-end excavators, the 20C features short-pitch rubber tracks for increased undercarriage durability. The short-pitch rubber tracks help minimize vibrations during travel, which improves operator comfort. With the 20C, a day's work always goes smoothly.



### Variable Track and Blade Width

20C features a hydraulic track gauge that canbe adjusted to between 3'3" and 4'2"(990 mm and 1,300 mm). With thetouch of a single lever, youcan reduce the track gaugeto navigate narrow spacesor increase it to improvefunctionality.






**High-back seat**

20C deluxe high-back seat increases productivity by providing optimum comfort for operators of all sizes.

**2-speed travel switch**

By placing the 2-speed travel switch on the dozer lever, dozing operations have become faster and easier. The new location also frees up space on the floor for improved operator comfort.



**Wrist rests**

Adjustable wrist rests help reduce arm movement and increase operator comfort for greater work efficiency.

**Wider foot area**

More spacious than many conventional tail-swing excavators, 20C wider foot area enhances operator comfort. The result is less operator fatigue and greater job efficiency.



**One-piece electric start function**



**Boom cylinder**

Located above the boom, the boom cylinder remains safe from damage during breaker or dumping operations. The cylinder design features a larger diameter rod and increased hydraulic pressure for greater lifting power and optimum front attachment speeds.

**Smooth operation**

Smooth operation across a wide range of jobs is assured, thanks to 20C advanced variable displacement pumps and Hydraulic Matching System.

**Auxiliary hydraulic system**

20C auxiliary hydraulic system accommodates a variety of attachments, suchas breakers and augers. Standard equipmentincludes port pipes on the arm, bi-directionalauxiliary hydraulic controls, and a control valve.The auxiliary hydraulic connections are located within easy reach and incorporate short hoses thatare less likely to become tangled or damaged.



**One-piece casting swing arm root**

The swing arm root hub used in 20C is one-piece casting, without welding marks, which greatly improves the efficiency and shouming.

### Strong bucket breakout force

20C  has the power you need for heavy loads and tough excavating jobs, a breakout force of 4, 046.6 lbs, with the dedicated bucket and quick coupler.



### Strong lifting capacity

Excellent lifting capacity for digging, lifting, and loading is provided by a powerful and responsive front working group.Even when working to the side, using hydraulic attachments, or lifting heavy objects, 20C excellent stability, thanks to its innovative counter balancing technology, long tumbler distance, low centerof gravity and smooth operation.



### Working range

20C excellent reach and digging depth ensure that each digging job is performed with maximum efficiency and speed.




### Improved travel motor

CARTIWELL has upgraded 20C travel motor, resulting in a 10% traction increase, when operating in low speed.

### Safe, controlled starts

When the safety control lever is moved upward, the console moves with it, providing more room for entry and exit. lo prevent unexpected machine movement during entryor exit, the pilot and travel controls are then disabled. This is the only time that the engine will crank over.




## 20C CORE TECHNOLOGY



**Pickling phosphating process**

20C has an acid washing and phosphating process, which greatly improves the rust and corrosion resistance of the fuselage surface and the inside of the fuel tank, and can make the color of the fuselage surface more vivid.



**Robot welding**

20C is made of mechanical welding, which is more precise and delicate than manual welding, which greatly improves the service life of the machine.