INTEGRITYCREATESTHEFUTURE
QUALITYCREATES BRILLIANCE

CARTIWELL

PRODUCT PARAMETER

Basic Parameters		
Item	**US Unit**	**CW20U**
Machine working weight	5366 lb	2350 kg
Bucket capacity	1.9 t³	0.054 m³
Travel speed (low/high)	0-0.93 / 0-1.74 mph	0-1.5 / 0-2.8 km/h
Gradeability	30%	30%
Ground pressure	4.8 psi	33.4 kpa
Maximum digging force	4136 lbf	18.4 kn
Maximum digging radius	167.5 in	4255 mm
Maximum digging depth	90.3 in	2293 mm
Maximum digging height	148.1 in	3761 mm
Maximum unloading height	98.3 in	2496 mm
Maximum deflection angle	125°	125°
Track extension range	51.2-59.1 in	1200-1400 mm
Engine		
Item	**US Unit**	**Metric Unit**
Engine model	Laidong 385/Kubota D902/D1105	Laidong 385/Kubota D902/D1105
Maximum horsepower	22.9 hp	23.2 ps
Maximum power	17.1 kw	17.1 kw
Maximum speed	3000 rpm	3000 rpm
Displacement	0.3 gal	1.123 L
Number of cylinders	3	3
Cooling method	Water-cooled	Water-cooled
Engine oil change amount	1.1 gal	4.2 L
Fuel type	Diesel	Diesel
Fuel grade	0/-10	0/-10
Theoretical fuel consumption	1.3-1.5 L/h	1.3-1.5 L/h
Body		
Item	**US Unit**	**Metric Unit**
Item	US Unit	Metric Unit
Transport length	111.2 in	2824 mm
Transport width	51.2 in	1300 mm
Transport height	93 in	2361 mm
Counterweight ground clearance	20.1 in	510 mm
Bucket width	17.7 in	450 mm
Boom length	72 in	1830 mm
Arm length	49.2 in	1250 mm
Bulldozer blade width	51.2 in	1300 mm

CARTIWELL

SHANDONG CARTI MACHINERY CO., LTD
TEL:+86 0537-2330670
FAX:+86 0537-2330670
EMAIL: CARTIWELL@126.COM
Add: jining High-tech zone, shandong Province, China

GET THE 1YR/1000HR FREE SERVICE

ORIGINAL CARTIWELL TOOL BAG
For maximum performance durability and safety

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

CARTIWELL ALL TERRAIN EXCAVATORS

CW-20U

The powerful digging force of CARTIWELL CW-20U excavator helps you improve the working efficiency.



CW-20U MINI EXCAVATOR

CARTIWELL MACHINERY

ANALYSIS OF PRODUCT ADVANTAGES



Comfortable seats and adjustable wrist rest are standard, which further improves the comfort of operation.

Integrated operation handle, bid farewell to complex operation, handle can complete compound action; Beginners are easy to use, and the control is more accurate and efficient.

The electronic display screen displays key data such as engine speed, fuel remaining amount, hydraulic oil temperature, working time and so on in real time, and supports fault self-checking alarm.



“Newly equipped with sealed cab and adjustable air conditioning system, which can quickly cool down or heat up. The sealed design of the cab can also effectively isolate dust and noise.”



Driving is safer

Hydraulic guide lock is standard to prevent mechanical action caused by touching the operating handle by mistake and avoid the risk of accidental injury.



Tail counterweight and protective structure adopt high-density counterweight blocks to optimize the weight distribution of the whole machine and effectively prevent the equipment from overturning during heavy-duty operation.

Accelerator rod

Mini-excavator is equipped with a convenient throttle lever, which accurately regulates the engine speed and adapts to the needs of multi-working conditions.





Powerful engine

The engine adopts hydraulic drive electronic fuel injection system to reduce fuel consumption and meet EPA and Euro 5 emission standards. The engine improves the working efficiency and provides strong power for all kinds of work.

PERFORMANCE ADVANTAGE

CARTIWELL MACHINERY

ANALYSIS OF PRODUCT ADVANTAGES

“With the CW-20U, operators can work with confidence knowing they areprotected on both the open station or optional encloseccab. Furthermore, the engine compartment is ergonomically organizedwith easy access to the radiator and engine oil cooler to make routinemaintenance andinspections a breeze.”

When some parts fail or need maintenance, opening the back cover can easily approach and solve the problem without disassembling the whole excavator.

A fine dust-proof net/grille is built in the cooling hole, which can not only ensure the ventilation, but also effectively prevent dirt, gravel, catkin and other debris from entering the engine room, and reduce the damage of dust accumulation to the radiator and engine.





Hydraulic system

Professional thick hydraulic cylinder, not easy to leak oil, hydraulic stop valve to adjust the oil quantity, stable performance during use,



All-terrain application

CW-20U excavator can handle all the working conditions, and the engine power output is strong. With the hydraulic drive system, it can maintain stable power in the terrain with high resistance such as climbing and mud, and it will not stall or slip.



Bidirectional hydraulic motor

The hydraulic motor can rotate forward and backward, and cooperate with the independent hydraulic circuits on both sides to realize the independent drive and speed adjustment of the crawler.



Swing boom

The root of the used swing arm is integrally cast without welding marks,thus significantly improving efficiencyand service life.