

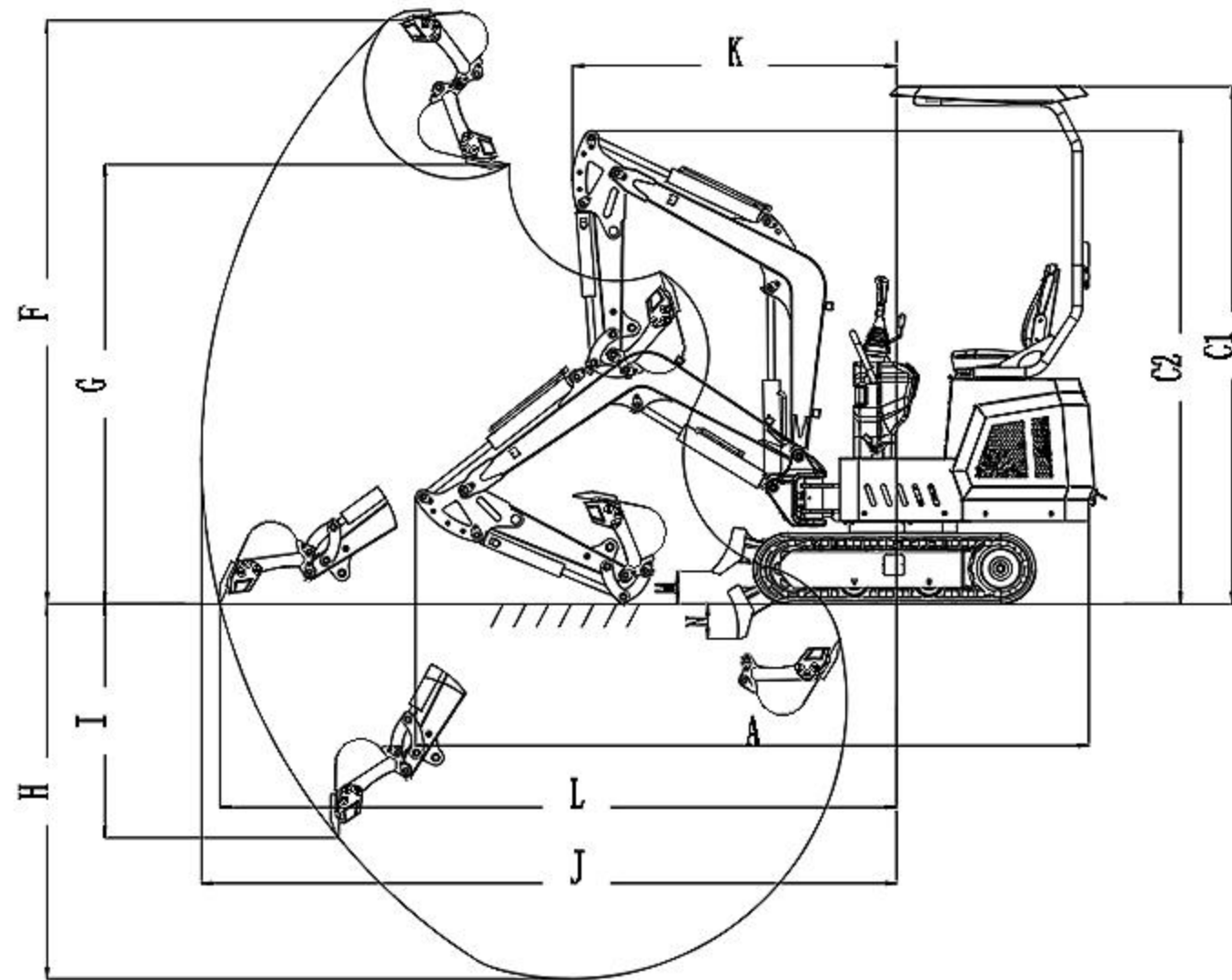
BASIC PARAMETERS

Technical parameters		Unit	LP-10X KOOP
Operating weight		kg	1000
Bucket capacity		m³	0.022
Type of working device			Backhoe
Engine	Model		KD192F
	Delivery capacity	cc	499
	Rated output power/speed	kw/rpm	7.6/3000
	Optional Engines: Briggs & Stratton Engine(10 KW)		
Speed	Maximum traveling speed (High/low)	km/h	1.2
	Slewing Speed	rpm	9
	Maximum grade ability		30°
	Maximum digging force	Kn	6.5
Track sub assembly	Ground pressure	kgf/cm²	0.3
	Material		Rubber
	Tension control type		Mechanical tightening
Type of pump			Gear pump
Fuel/oil/fluid pressure and capacity	Working pressure	Mpa	16
	Flow	(L/min)	18
	Hydraulic oil tank capacity	(L)	13
	Fuel tank capacity	(L)	5.5

All ratings of the machine are obtained when the machine is operating on a solid horizontal support surface. If the working environment conditions of the machine differ from the above-mentioned reference conditions (Such as the operations on uneven ground and slope), the operator shall take these conditions into consideration.

OPERATING RANGE

Working range		Unit:mm
L	Ground maximum digging radius	2940
J	Maximum digging radius	3030
H	Maximum digging depth	1725
F	Maximum digging height	2490
G	Maximum Dump height	1745
I	Maximum vertical digging depth	1655
K	Minimum slewing radius	1490
M	Maximum lifting height of bulldozing blade	170
N	Maximum digging depth of bulldozing blade	240



LIBERPOL
PRODUCTION MANUFACTURERS

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LIBERPOL
TAIL EXCAVATOR (ORDINARY TYPE)



LP-10X

Designed specifically for precise operations, it can easily navigate through narrow spaces and handle complex working conditions!

Color, LOGO and Appearance Customization is Supported



Enhanced Digging Force

The LP-10X delivers an impressive bucket digging force. Its powerful and well-balanced arm and bucket allow the operator to dig faster and more efficiently even in the toughest

Extraordinary Stability and Lifting Capacity

LP-10X unique hydraulic system, together with a powerful boom cylinder, delivers the lifting power you need to broaden your range of lifting jobs. Combined, you get an advanced hydraulic system that automatically regulates and distributes the optimum amount of oil to each cylinder, based on the weight of the load for smooth, responsive and stable lifting capacity and overall operation.

KOOP Original Engine Optional Briggs & Stratton Engine(10 KW)

The LP-10X is powered by Koop's impressive KD192F 7.6 KW engine. Engineered with the power to maximize digging and lifting performance. It also delivers minimized noise and vibration, and meets the latest engine emission regulation.



SUPERIOR PERFORMANCE

LP-10X mini excavator raises the standard in the 1 ton category with a powerful digging force and a wider working range that rival higher-end excavators. And with enhanced accessibility to sites such as roadsides or residential areas, the LP-10X gets the jobs done easier from large construction areas to the tightest of places.



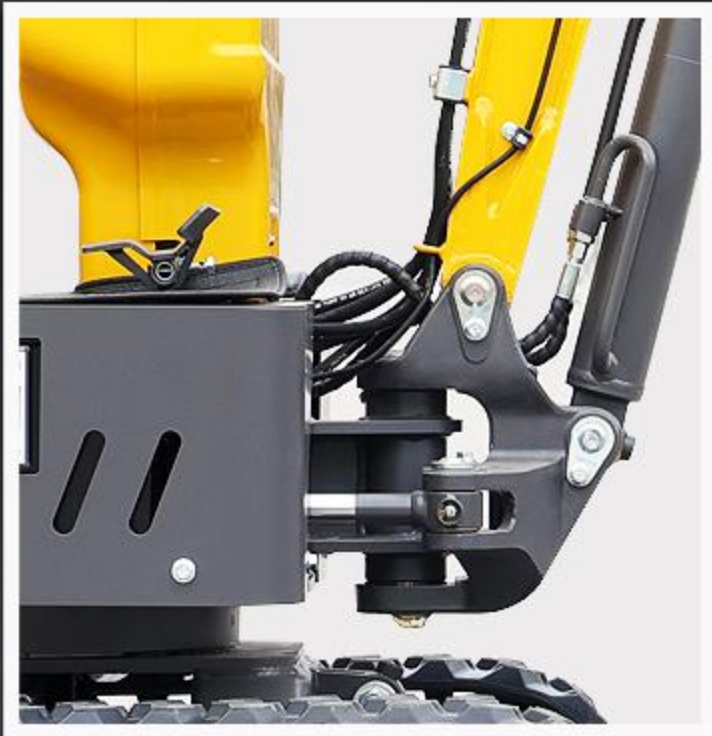
Bulldozer

The bulldozer is an auxiliary tool of the excavator, which is more suitable for multi-functional cooperation in complex working conditions. After excavation, backfilling or road repair, the bulldozer can be used to quickly level the ground and improve work efficiency.



Rubber Tracks

The contact surface of the rubber track is soft and suitable for working on hard surfaces such as cement, asphalt, and tiles. It avoids scratches or indentations on the ground caused by the steel track and reduces vibration and noise of the machine body.



Boom Side Swing Function As Option

It can be equipped with a boom side-swing function, and the boom can swing to the left (49°) and right (43°), allowing the machine to better operate in narrow spaces.



Driving Console

Humanized driving space design comfortable and luxurious seats reasonable layout of control levers and buttons, easy for single person operation.

TOTAL WIDTH IS ONLY 940MM

Strong Passability in Narrow Spaces: It can easily enter narrow areas that conventional excavators cannot enter, solving the construction problems in special working environments.

Convenient Transportation: The smaller size is easy to transport, no large transportation equipment is required, and it can be quickly transferred to different construction sites, reducing transportation costs and difficulties.

DELUXE INTERIOR

Offering one of the largest cabs in its class with ample legroom, adjustable seating and a wide door, the LP-10X cab model brings more comfort to tough work. Combined with the handy new multifunctional digital panel, operations are now easier than ever.

New Spacious Cab

Designed for greater comfort, the new large cab with a fully flat floor provides more legroom to minimize fatigue.

Electrical Control Panel

The user-friendly electrical control panel is positioned directly in front and slightly below of the operator for better visibility, and features electric start operation to view the working hours, battery voltage and control light source. With easier access, simpler settings, easy-to-read indicators and alerts, you'll always be aware of the excavator's functioning status.



A. Optional Hydraulic Pilot Lever

The design of the hydraulic pilot operating lever is usually in line with ergonomic principles, which is convenient for operators to hold and operate. Moreover, due to the labor-saving operation and quick response, operators can operate more easily and smoothly, reducing vibration and impact during operation and improving the comfort of operation.



B. Voltmeter

The battery voltage should be about 12V, if the voltage is too low or too high, it may affect the normal operation of the excavator.

C. Hour Meter

Display working hours, the range is 0-9999.9h, providing accurate time data for equipment usage.

D. Lamp Switch

When working at night, you can also see the surrounding environment clearly to avoid safety accidents such as collisions.

E. Key Switch

Complete the startup process in a short time and improve work efficiency.

F. Seat Belt

Prevent it from colliding with the body due to inertia and reduce the risk of injury.

Easy Cab Entry and Exit

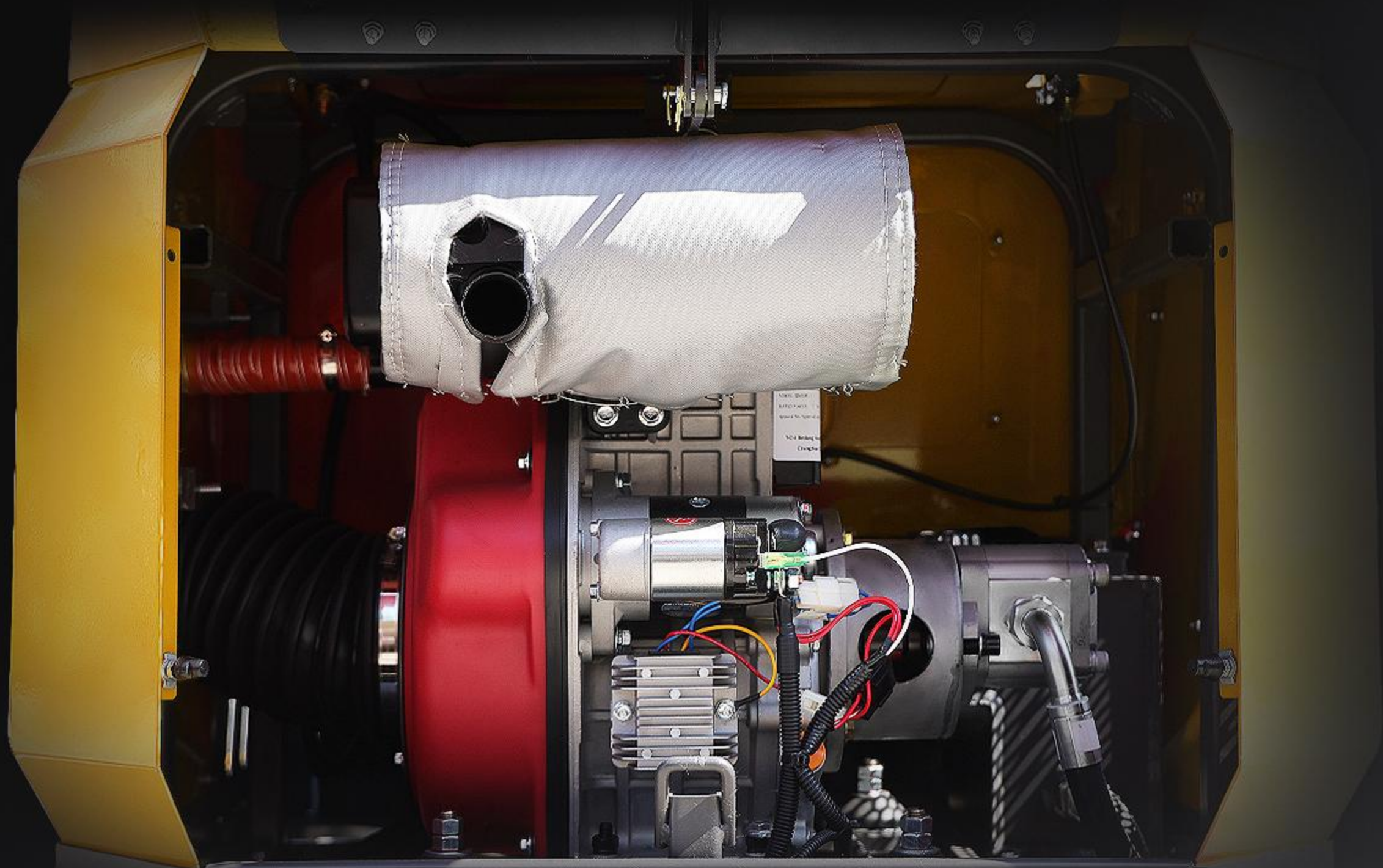
Our machines have a variety of configurations to choose from, a spacious cab is one of them. If you have more requirements, please let us know and we will provide you with professional solutions.



Engine Maintenance

LP-10X has made routine maintenance extremely simple by consolidating primary engine components onto one side for easier access. Engine and other vital components can be inspected quickly and easily.

Brand: KOOP / B&S
Model: KD192F / XR2100
Power: 7.6KW / 10KW



MAINTENANCE & SAFETY

The LP-10X offers added peace-of-mind with extremely high levels of safety and durability. Furthermore, LP-10X simplifies inspections and repairs with easier accessibility to the major components.



LP-10X ATTACHMENTS OPTIONS

Narrow Bucket	Bucket - 40cm	Bucket - 60cm	Hydraulic Hammer	Mechanical Grabbing
Shell Barrel 60cm	Hydraulic Thumb Clip	Thumb Clip	Tilting Bucket	Bucket Teeth
Forks	Ripper	Toothless Bucket	Toothless Bucket - 100cm	Rake - 50cm
Semi-Automatic Quick Coupler	Mechanical Quick Coupler	Auger Bit 20x100cm	Auger Bit 30x100cm	Hydraulic Auger

OVERALL DIMENSIONS OF MACHINE

Overall dimensions		Unit: mm
A	Wheel track	910
B	Overall length of crawler	1235
C	Ground clearance of platform	400
D	Tail slewing radius of platform	840
E	Chassis width	940
F	Track width	180
G	Track height	320
H	Transport length	2345/3020
I	Ground clearance of seat	1545
J	Overall height	2310
M	Boom slewing - right	43°
N	Boom slewing - left	49°

