

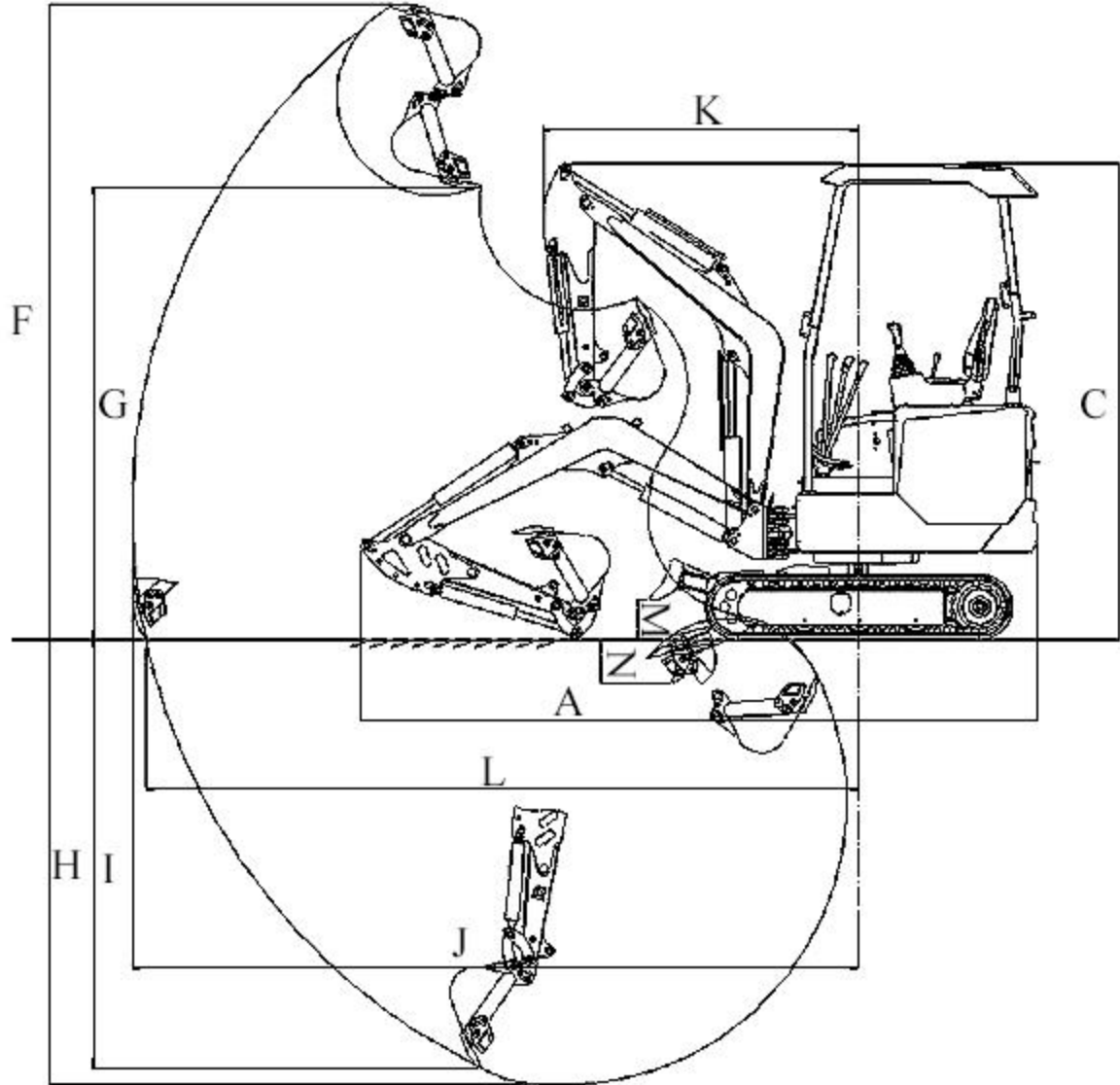
BASIC PARAMETERS

Technical parameters		Unit	LAI DONG
Operating weight		kg	1800
Bucket capacity		m³	0.03
Type of working device			Backhoe
Engine	Model		LAI DONG KM385B
	Displacement	L	0.719
	Rated output power/speed	kw/rpm	18.1/2600
	Optional Engines: Kubota D722-E4B (10.2KW)		
Speed	Maximum traveling speed (High/low)	km/h	2
	Slewing Speed	rpm	10
	Maximum grade ability		30°
	Maximum digging force	Kn	/
Track sub assembly	Ground pressure	kgf/cm²	0.3
	Material		Rubber
	Tension control type		Grease Cylinder
Type of pump			Gear pump
Fuel/oil/fluid pressure and capacity	Working pressure	Mpa	16
	Flow	(L/min)	31.2+7.8
	Hydraulic oil tank capacity	(L)	21
	Fuel tank capacity	(L)	11

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	3410
J	Maximum digging radius	3470
H	Maximum digging depth	2170
F	Maximum digging height	3010
G	Maximum Dump height	2135
I	Maximum vertical digging depth	2085
K	Minimum slewing radius	1505
M	Maximum lifting height of bulldozing blade	150
N	Maximum digging depth of bulldozing blade	290



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TAIL EXCAVATOR (ORDINARY TYPE)



JVR-18 MASTER

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 JVR-18 MASTER 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 conditions.

Extraordinary Stability and Lifting Capacity

JVR-18 MASTER 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.

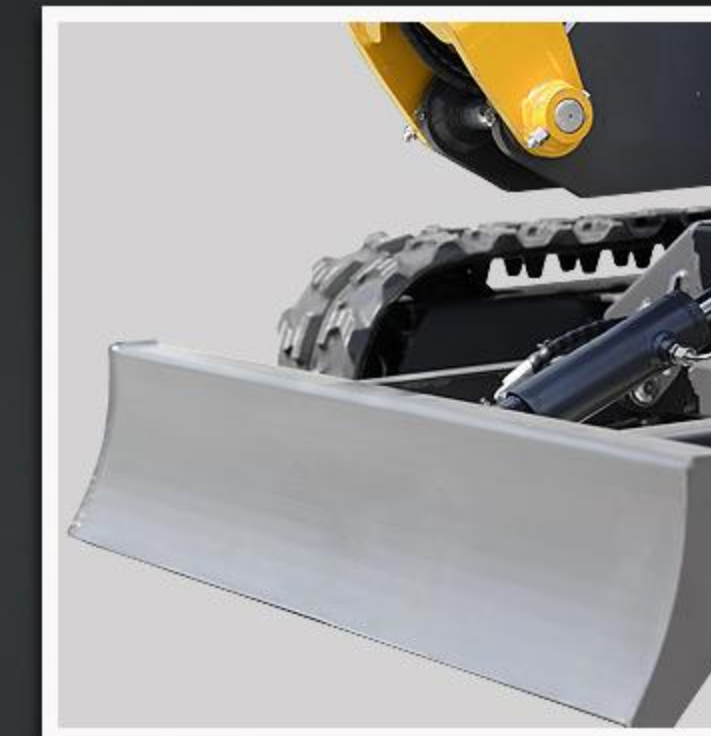
LAIDONG Original Engine Optional KUBOTA Engine (10.2 KW)

The JVR-18 MASTER is powered by Laidong's impressive KM385B 18.1KW 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

SDJK JVR-18 MASTER mini excavator raises the standard in the 1.8 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 JVR-18 MASTER 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 (43°) and right (48°), 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.

THE CHASSIS CAN BE UPGRADED WITH CRAWLER TELESCOPIC FUNCTION.

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

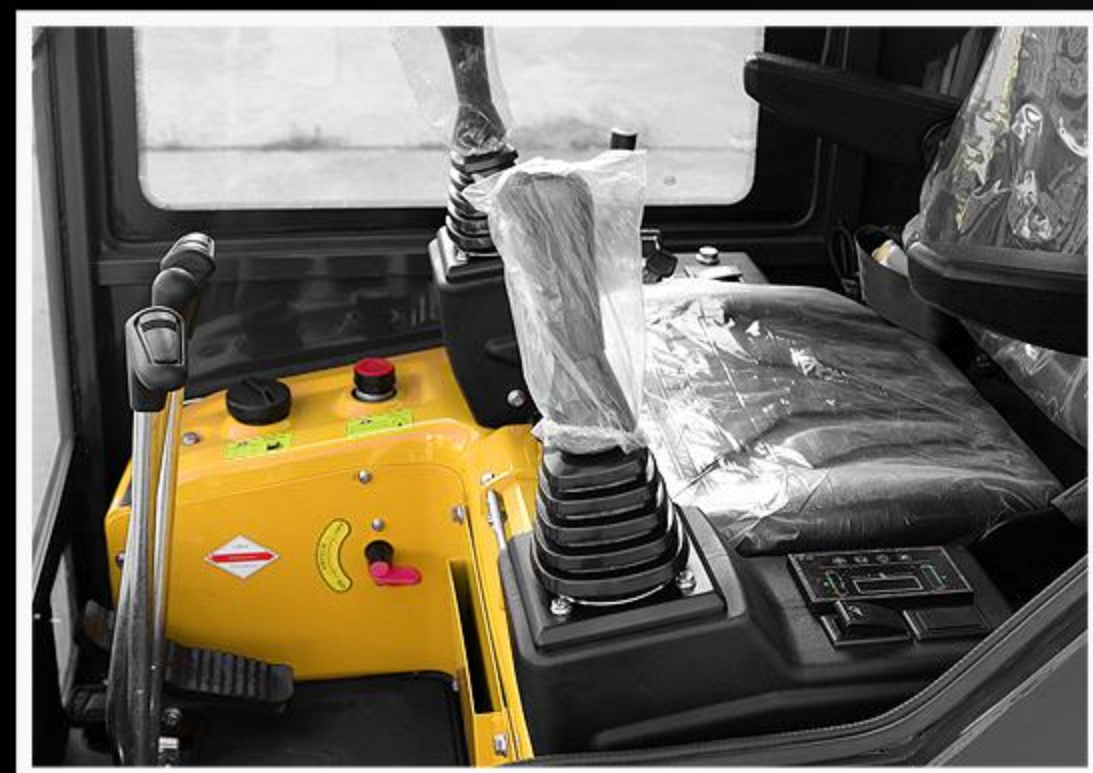
Offering one of the largest cabs in its class with ample legroom, adjustable seating and a wide door, the JVR-18 MASTER cab model brings more comfort to tough work. Combined with the handy new multifunctional digital panel, operations are now easier than ever.

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 located to the operator's left for better visibility and features electric start operation, viewing operating hours, battery voltage and controlling light sources. With easier access, simpler settings, easy-to-read indicators and alarms, you'll always know the operating status of your excavator.



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.

A

E

B. Hour Meter

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

C. Water Temperature Meter

Shows the change of cooling water temperature. Operators can intuitively understand the current temperature value of the engine coolant.

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. Electric Quantity Display

How much power is shown, in order to arrange work plans reasonably.

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.

F

D

C

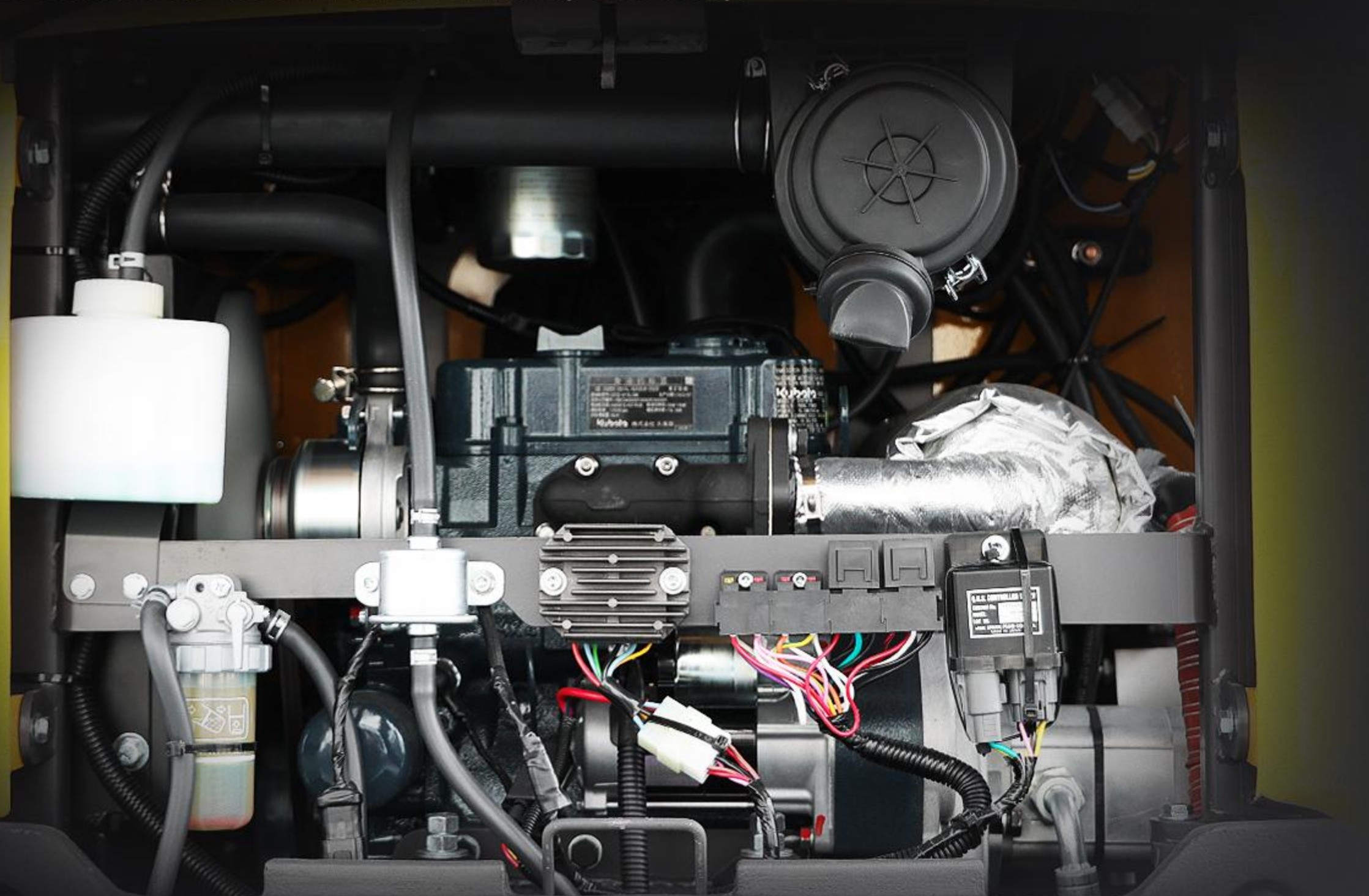
B



Engine Maintenance

JVR-18 MASTER 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: LAIDONG / KUBOTA
Model: KM385B / D722-E4B
Power: 18.1KW / 10.2KW



MAINTENANCE & SAFETY

The JVR-18 MASTER offers added peace-of-mind with extremely high levels of safety and durability. Furthermore, JVR-18 MASTER simplifies inspections and repairs with easier accessibility to the major components.



JVR-18 MASTER 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	1120
B	Overall length of crawler	1440
C	Ground clearance of platform	400
D	Tail slewing radius of platform	860
E	Chassis width	1100
F	Track width	230
G	Track height	320
H	Transport length	2430/3240
I	Ground clearance of seat	1610
J	Overall height	2270
M	Boom slewing - right	48°
N	Boom slewing - left	43°

