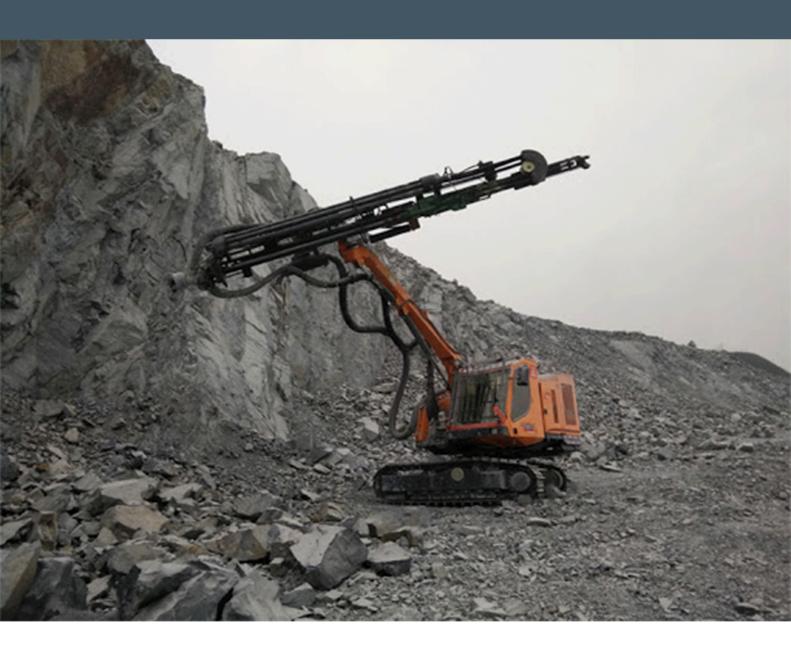


## KAISHAN KL511 DRILL JUMBO



KAISHAN" brand of KL511-type full-hydraulic open-air drill carriage is equipped with standard drill rod with diameter of 45/51mm, which can be used to drill vertical, inclined and horizontal blasthole with diameter of 76-127mm. KL511-type full-hydraulic open-air drill carriage can be widely applied for hole drilling of cutting excavation, pipe laying, foundation engineering and open-pit mine. KAISHAN" brand of KL511-type full-hydraulic open-air drill carriage is equipped with standard drill rod with diameter of 45/51mm, which can be used to drill vertical, inclined and horizontal blasthole with diameter of 76-127mm. KL511-type full-hydraulic open-air drill carriage can be widely applied for hole drilling of cutting excavation, pipe laying, foundation engineering and open-pit mine.

Boundary dimension and weight	Shipping dimension (Length×Width×Height)	11100*2520*3320mm
	Weight	15000kg
	Ground clearence	420mm
Articulated drill boom and base palte Powerunit	Rack rotation	120°+60°
	Covering area of drill hole	26.5m
	Caterpillar frequency adjustment angle	10°up, 10°down
	Running speed	0-3.5km/h
	Gradeability	30°
	Traction	120kN
	Engine	Caterpillar C7
	No. of Cylinders	6
		168kW/2200rpm
	Output power Drive mode	Gearbox
	T-100 T-100 T-100	
	Hydraulic pump	2×Variable displacement piston pump+2×gear pump
	Rotary screw air compressor	KAISHN
	Air volume	9.6m³/min
	Air pressure	10bar
	Fuel tank	350L
Dust collecting system	Dust collector ability and vacuum degree	23m3/min; 1000mm water column
	Filter Element / Materials	13 pieces/fiber
	Filtration area	10 m
	Power of hydraulic motor	12kW
Hydraulic rock drill	Model	HC170RP
	Impact power	23.4kW
	Max impact pressure	180bar
	Impact frequency	41Hz
	Maximum torque	1590Nm
	Maximum rotary pressure	200bar
	Maximum turning speed	130rpm
	Shanks lubrication	Air/oil mist/electronic lubrication pump
	Oil consumption for lubrication	15 drops/min
	Drilling diameter	76-127mm
Hydraulic system	Driving, rock drilling	Load sensing mode
	Filter fineness	10µm
	Cooling capacity	+50° environmental temperature
	Hydraulic oil tank	200L
Drill boom, propulsion beam and rod changer	Lift of drill boom	83°
	Lift of folding arm	87°
	Tilt angle of carriage	-56°/52°; -20°/94°
	Inclination of carriage	125°
	Compensative travel	1353mm
	Travel of jackdrill  Maximum propulsive force	4150mm 19kN
	Propulsion mode	Motor- roller chain
	Economic drilling depth:	25m
	Extension rod mode	Automatic rod extension and removal
	Quantity of rod	6+1
	Model of drill rod	T45/T51
	Propulsion stroke	4150mm
Control system	Lubrication of drill stem thread	Standard
	Travel control	Hydraulic pressure guide + wireless remote control
	Drill boom control  Rock drilling control	Direct control of hydraulic pressure  Guide control (electrical/ hydraulic)
	Trepanning control	Stepless
	Impulse control;	Impact press Control
	Blocking prevention	Hydraulic pressure
	Voltage	24V, DC
Cab	Safety cab	Meet anti-rockfall and anti-rolling standard
	Interior noise level	Lower than 85dB
	Control function	Drill hole, travel, drill boom action and rod changer
	Seat Air conditioning	Adjustable Standard temperature
	Air conditioning Entertainment	Standard temperature Radio +MP3
	Lineitaninent	IXAGIO TIVIFO