

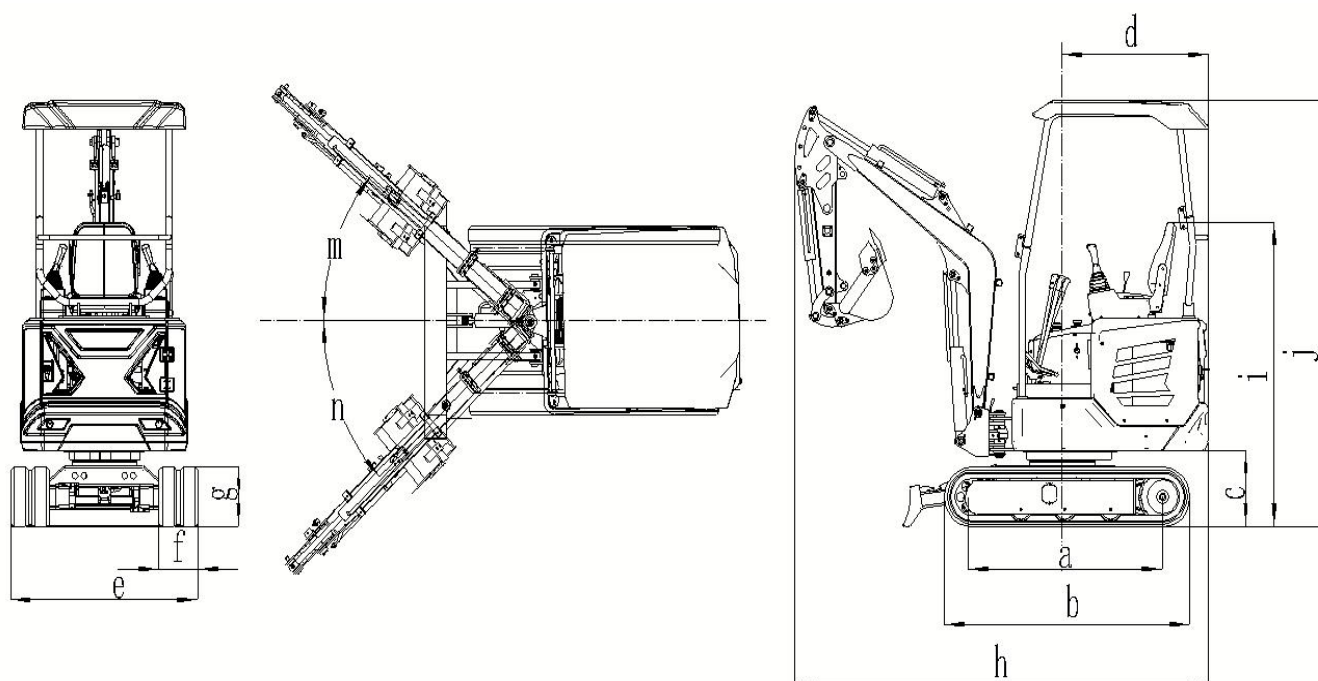
# PARAMETERS

## BASIC PARAMETERS

	Technical parameters	Unit	HY18 LAIDONG
Operating weight		kg	1800
Bucket capacity		m <sup>3</sup>	0.03
Type of working device			Backhoe
Engine	Model		KM385B
	Displacement	L	0.719
	Rated output power/speed	kw/r/min	18.1/2600
	Maximum torque/rotating speed	N.m/r/min	96/2240
Speed	Maximum traveling speed	km/h	2
	Slewing speed	rpm	10
	Maximum grade ability		30°
Track sub assembly	Ground pressure	kPa/cm <sup>2</sup>	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
	The engine oil capacity	(L)	3.5

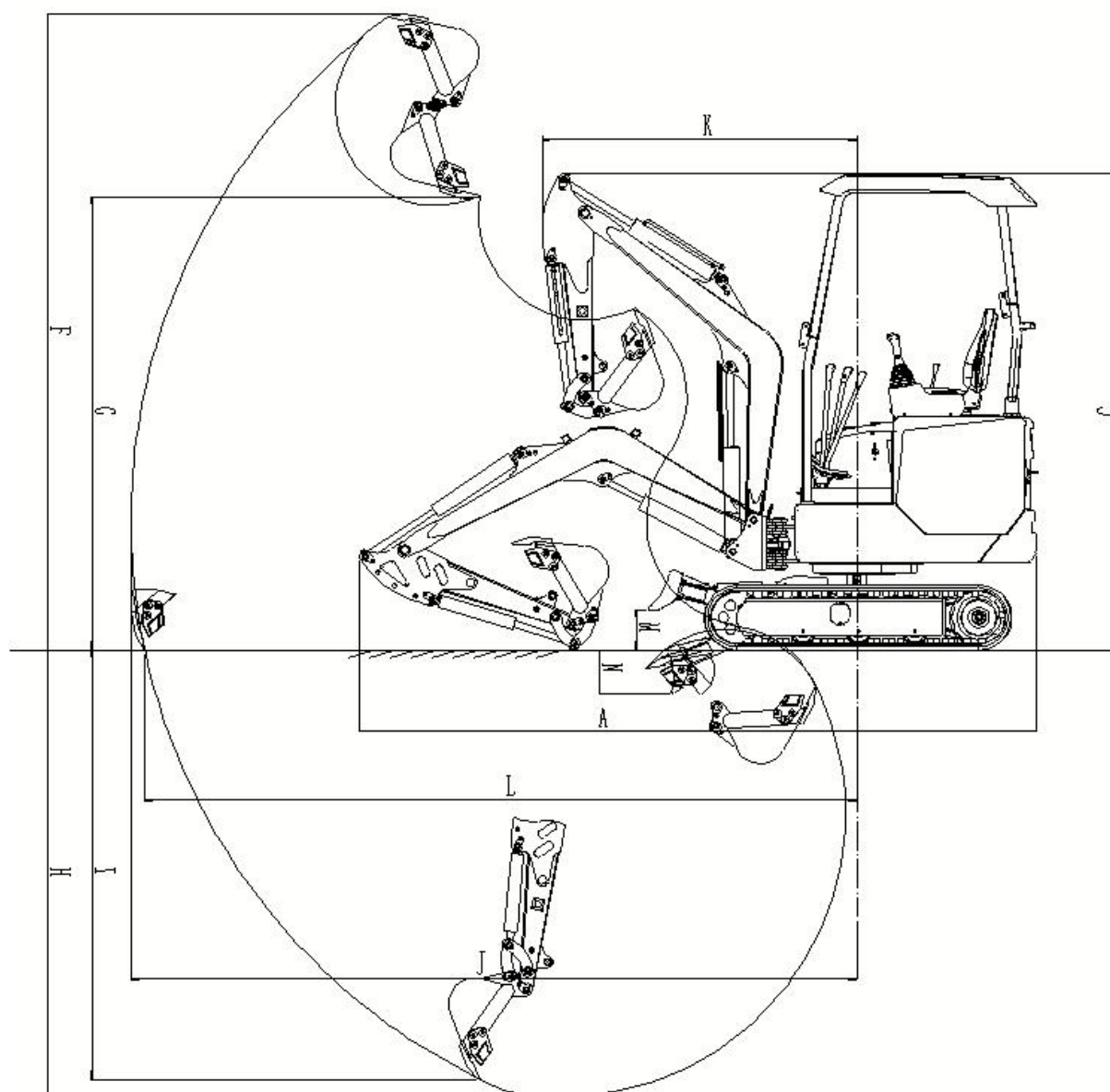
All ratings of the machine are obtained when the machine is operating on a solid horizontal support surface. If the working environment conditions of the machine differ from the above-mentioned reference conditions (Such as the operations on uneven ground and slope), the operator shall take these conditions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

## OVERALL DIMENSIONS OF MACHINE



	Overall dimensions	Unit: mm		Overall dimensions	Unit: mm
a	Wheel track	1120	h	Transport length	2430/3240
b	Overall length of crawler	1440	i	Ground clearance of seat	1610
c	Ground clearance of platform	400	j	Overall height	2270
d	Tail slewing radius of platform	860	m	Boom slewing - right	48°
e	Chassis width	1100	n	Boom slewing – left	43°
f	Track width	230	g	Track height	320
g	Track height	320			

## 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