

PARAMETERS

BASIC PARAMETERS

	Technical parameters	Unit	HY12 KUBOTA
Operating weight		kg	1200
Bucket capacity		m ³	0.02
Type of working device			Backhoe
Engine	Model		Kubota D722-E4B
	Displacement	L	0.719
	Rated output power/speed	kw/rpm	10.2/2500
	Maximum torque/rotating speed	N.m/rpm	42.9/2000
Speed	Maximum traveling speed (High/low)	km/h	2
	Slewing speed	rpm	8
	Maximum grade ability		30°
Track sub assembly	Ground pressure	kPa/cm ²	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)	20
	Hydraulic oil tank capacity	(L)	15
	Fuel tank capacity	(L)	16

	Technical parameters	Unit	HY12 B&S
Operating weight		kg	1200
Bucket capacity		m ³	0.02
Type of working device			Backhoe
Engine	Model		B&S XR2100
	Displacement	CC	420
	Rated output power/speed	kw/rpm	13.5/3600
Speed	Maximum traveling speed (High/low)	km/h	1.2
	Slewing speed	rpm	9

	Maximum grade ability		30°
Track sub assembly	Ground pressure	kPa/cm ²	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)	21.6
	Hydraulic oil tank capacity	(L)	15
	Fuel tank capacity	(L)	6.6

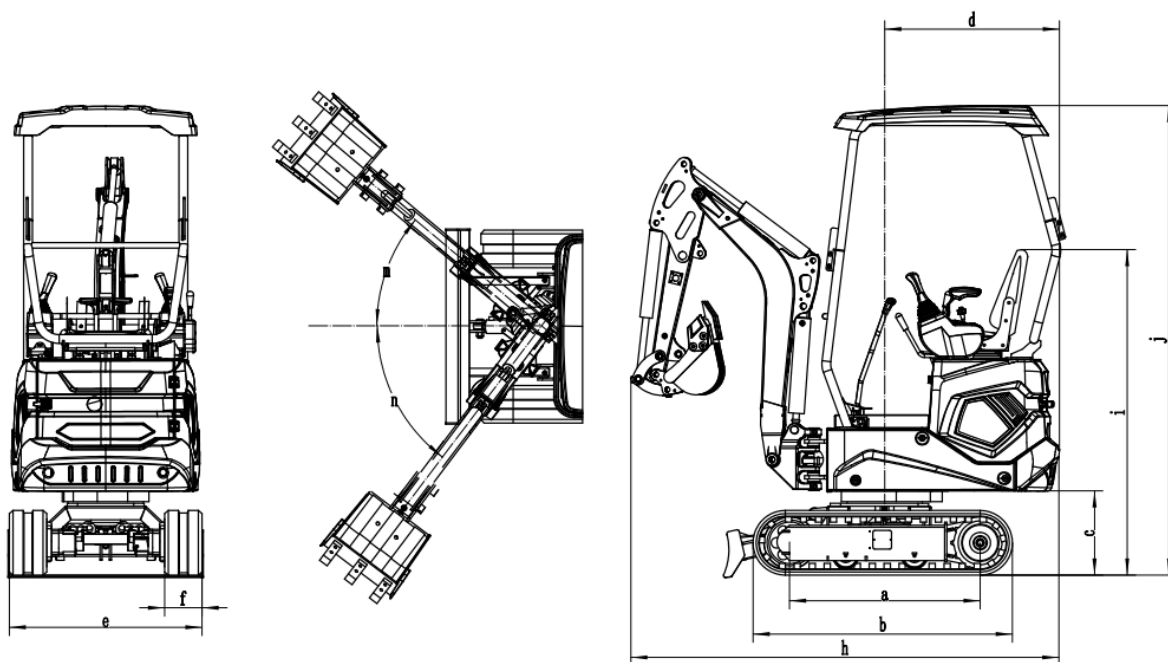
	Technical parameters	Unit	HY12 RATO
Operating weight		kg	1200
Bucket capacity		m ³	0.02
Type of working device			Backhoe
Engine	Model		R420
	Displacement	ml	420
	Rated output power/speed	kw/rpm	8.6/3600
Speed	Maximum traveling speed (High/Low)	km/h	1.2
	Slewing speed	rpm	9
	Maximum grade ability		30°
Track sub assembly	Ground pressure	kPa/cm ²	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)	21.6
	Hydraulic oil tank capacity	(L)	15
	Fuel tank capacity	(L)	6.6

	Technical parameters	Unit	HY12 KOOP
Operating weight		kg	1200
Bucket capacity		m ³	0.02
Type of working device			Backhoe
Engine	Model		KD192F
	Displacement	CC	499

	Rated output power/speed	kw/rpm	7.6/3600
Speed	Maximum traveling speed (High/low)	km/h	1.2
	Slewing speed	rpm	9
	Maximum grade ability		30°
Track sub assembly	Ground pressure	kPa/cm ²	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)	21.6+10.8
	Hydraulic oil tank capacity	(L)	22
	Fuel tank capacity	(L)	5.5

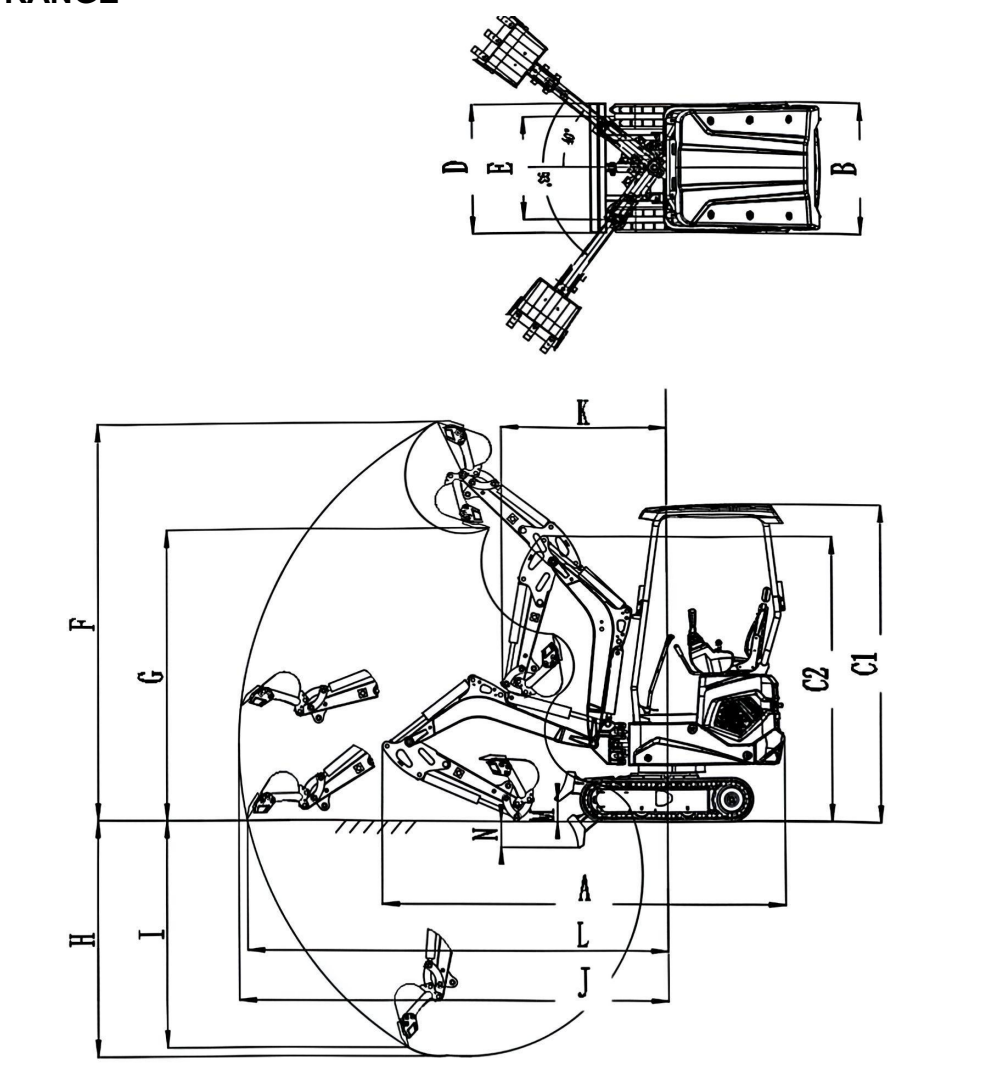
All ratings of the machine are obtained when the machine is operating on a solid horizontal support surface. If the working environment conditions of the machine differ from the above-mentioned reference conditions (Such as the operations on uneven ground and slope), the operator shall take these conditions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

OVERALL DIMENSIONS OF MACHINE



	Overall dimensions	Unit: mm		Overall dimensions	Unit: mm
a	Wheel track	910	h	Transport length	2350/2870
b	Overall length of crawler	1235	i	Ground clearance of seat	1560
c	Ground clearance of platform	400	j	Overall height	2270
d	Tail slewing radius of platform	830	m	Boom slewing - right	40°
e	Chassis width	940	n	Boom slewing – left	53°
f	Track width	180	g	Track height	320
g	Track height	320			

OPERATING RANGE



	Working range	Unit: mm
L	Ground maximum digging radius	3020
J	Maximum digging radius	3080
H	Maximum digging depth	1670
F	Maximum digging height	2840
G	Maximum Dump height	2080
I	Maximum vertical digging depth	1610
K	Minimum slewing radius	1190
M	Maximum lifting height of bulldozing blade	150
N	Maximum digging depth of bulldozing blade	190