

## 3.2 Technical Specifications

### 3.2.1 Overall dimensions

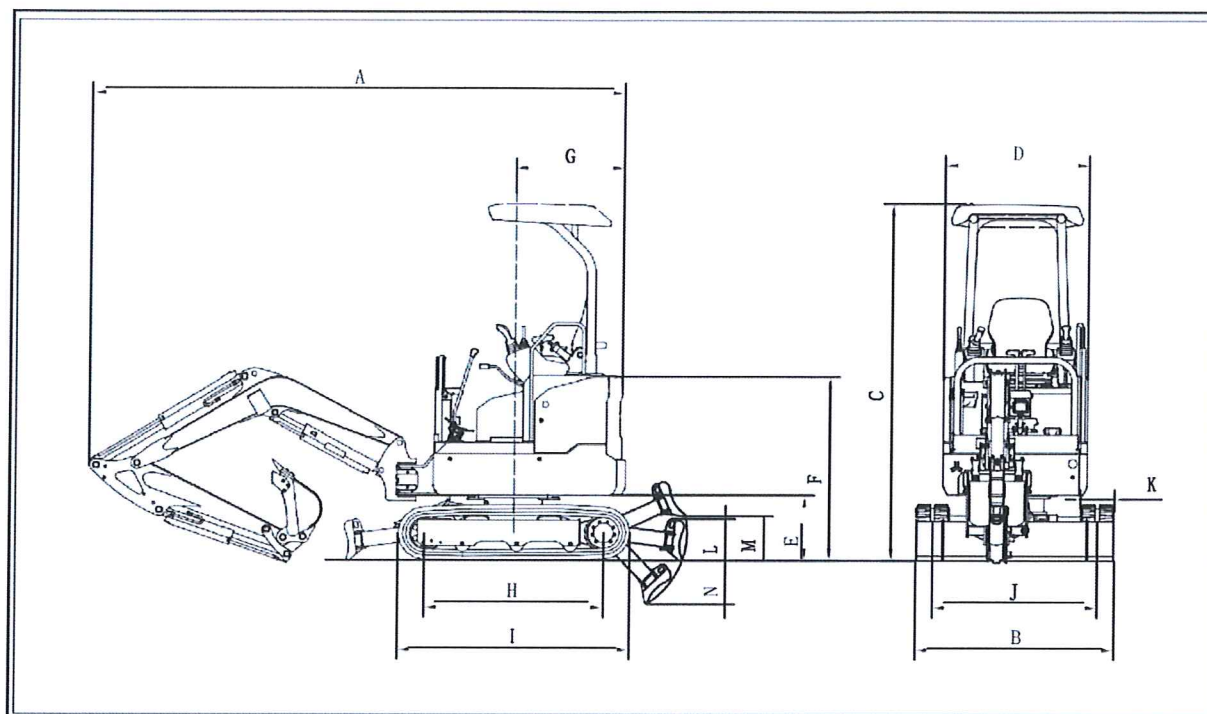


Fig. 3-2

Unit: mm

Item		SY19E
A	Overall length (for transportation)	3722
B	Overall width	1065/1345
C	Overall height (for transportation)	2695
D	Cab ceiling width	1065
E	Platform ground clearance	500
F	Hood height	1574
G	Tail swing radius	980
H	Ground contact length of track	1250
I	Track length	1571
J	Track gauge	750/1120
K	Track shoe width	230
L	Height of dozer blade	270
M	Max. ground clearance of dozer blade after being lifted	310
N	Max. dozing depth	320

3.2.2 Working range

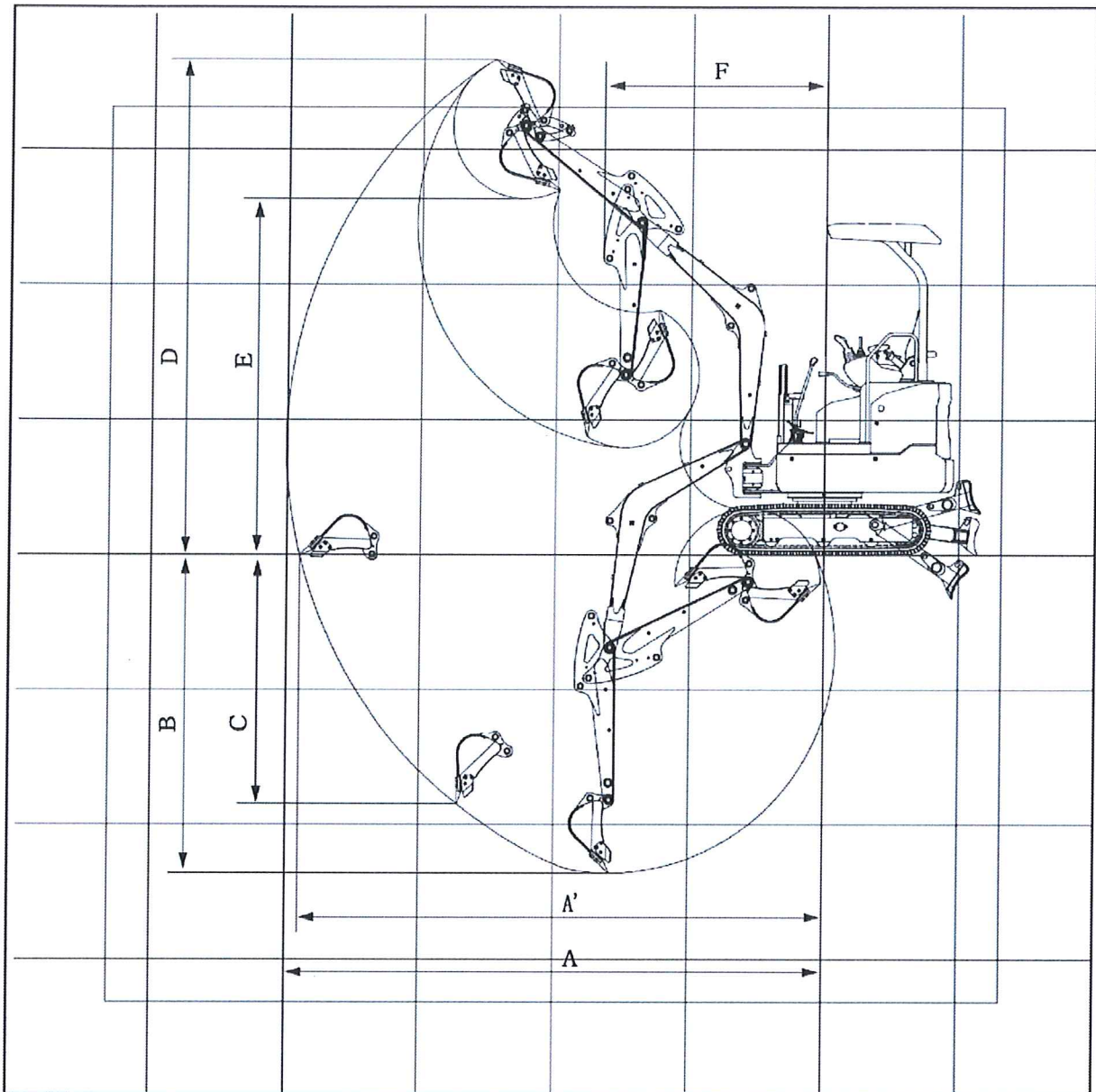


Fig. 3-3

Unit: mm

	Name	SY19E
A	Max. digging reach	3935
A'	Maximum ground excavation distance	3835
B	Max. digging depth	2360
C	Max. vertical digging depth	2215
D	Max. digging height	3614
E	Max. dumping height	2637
F	Min. swing radius	1655

**3.2.3 Technical parameters**

Item	Unit	SY19E
Working weight	kg	1950
Bucket capacity	m <sup>3</sup>	0.04
Motor type		VAIYS62317
Rated power of motor	kW/rpm	10/2400
Traveling speed (high/low)	km/h	3.6/2.6
Swing speed	rpm	10
Digging force of bucket	KN	12.5
Digging force of arm	KN	10