

NEW



WE MAKE THINGS EASY

Operating Weight : 3500 kg

Bucket Capacity : 0.11 m³

Engine : Yanmar3TNV88

**SUPERIOR VERSATILITY
EXCELLENT PERFORMANCE
HIGH RELIABILITY**



HM 33 PRO
MINI EXCAVATOR



PROTECTION BOARD & STRUCTURE

Prevent scratches and breakage of breakage of various parts. Oil cylinder guard plate and bottom protection device. Bucket, bucket arm, oil cylinder protection plate and bottom plate are made of high strength cast steel.

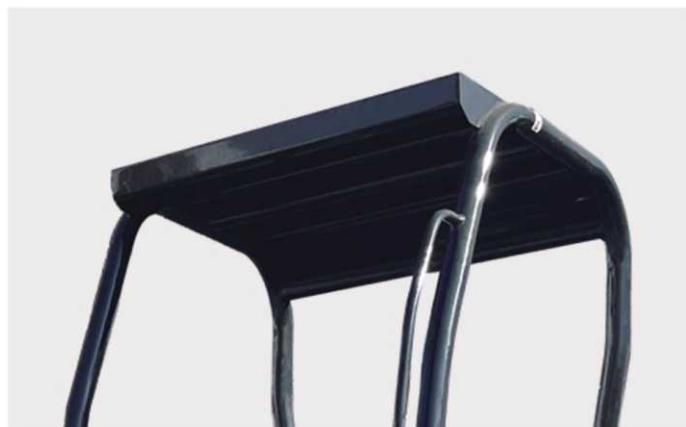
Bucket, bucket arm, cylinder guard plate and bottom plate are all made of high-strength cast steel.

Hydraulic cylinder well sealed and long life steel.

OPTIONAL: ARM SWING BOOM



REMOVABLE DRIVING AWNING



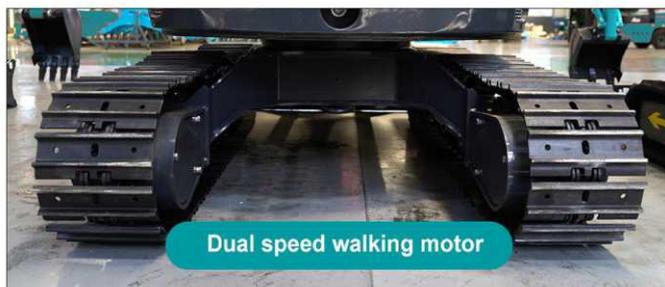
AIR CONDITION SYSTEM



Fully enclosed cockpit



Dual speed walking motor



Swingable boom cylinder



Quick Coupler



Track Chain Support



Hydraulically operated Breaker function



Product details

Product details

Engine



The Main Pump



Rotary motor



Main valve



Walking motor



*Engine : Powered by: **YANMAR** -Japan

Pump & Motors : Korean Technology

Specifications:

Parameter

Dimensions Data

Total Length(mm)	4485
Total Width(mm)	1550
Total Height(mm)	2440
Bulldozer blade Width(Shrinkage/stretch) (mm)	1550
Bulldozer blade Height(mm)	335
Clawler center distance(mm)	1250
Distance from the center of rotation to the tail of the crawler(mm)	1030
Crawler width (mm)	300
Min.Distance from the ground(mm)	290
Standard bucket width(With/without edge tooth) (mm)	520(470)
Clawler length(mm)	2100
Wheel spacing (mm)	1665

Scope of work Data

Max. Digging Height(mm)	4600
Max. Dumping Height(mm)	3175
Max. Digging Depth(mm)	2880
Maximum depth of vertical arm excavation(mm)	2305
Max.Digging distance(mm)	4965
Mini. Turning radius of front end(mm)	2035

Scope of work Data

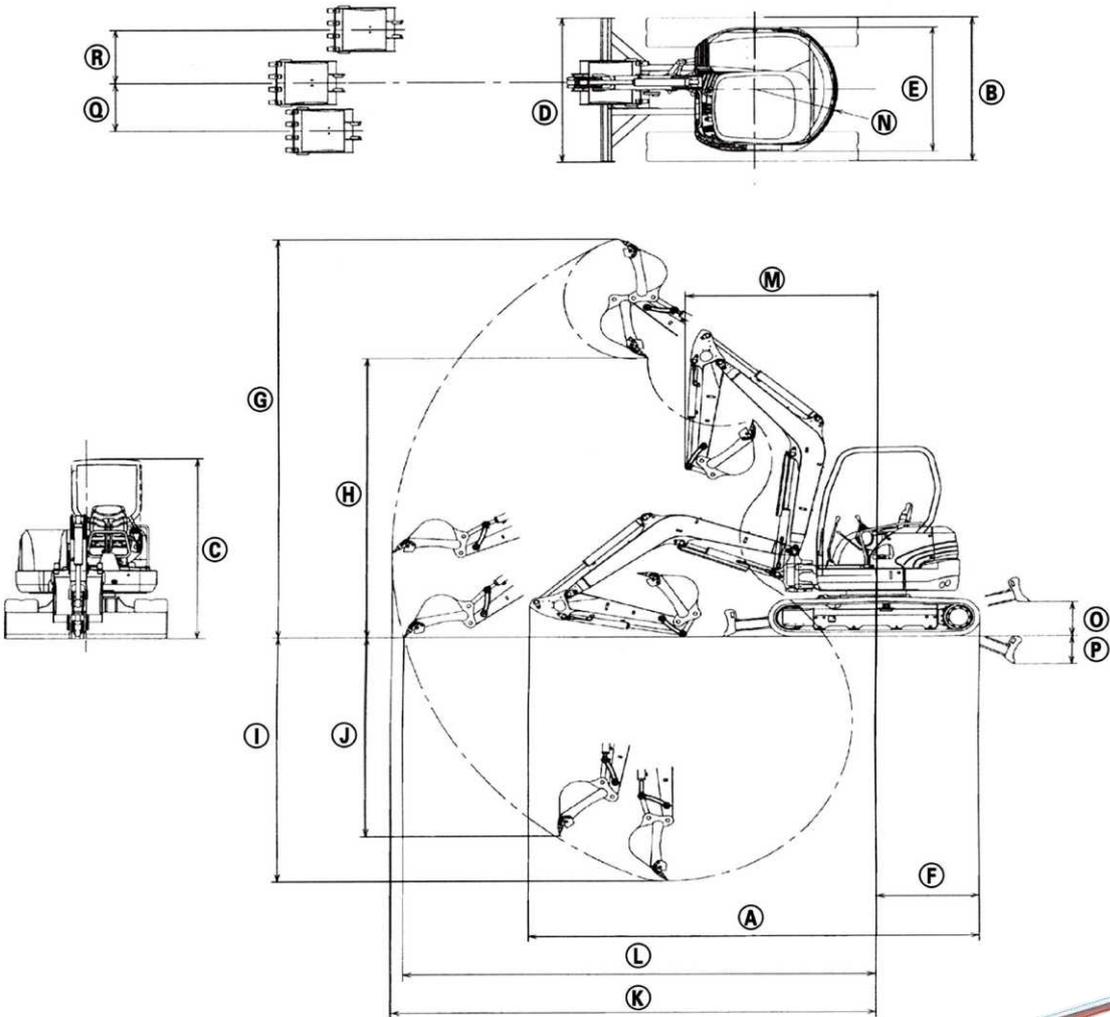
Minimum gyration radius of rear end(mm)	790
Max.Digging distance on the ground (mm)	4845
Max.Bulldozing height (mm)	360
Max.Bulldozing depth (mm)	340
The bucket moves horizontally to the left (mm)	635
The bucket moves horizontally to the right (mm)	600

Performance parameters Data

Operating Weight (KG)	3500
Bucket Capacity (m ³)	0.09
Engine	Yanmar 3TNV88-BSSY
Displacement L(cc)	1.64
Rated Power (KW/rpm)	19.6
Walking speed (high/low) (km/h)	3.0/4.2
Swing speed (r/min)	8.5
Swing angle (°)	70(50)
Engine Oil Capacity	7 ltr.
Ground pressure (kpa)	28.4(0.29)
Bucket digging force (Kn)	26.5
Fuel tank capacity (L)	40
Hydraulics Oil Capacity (L)	33

Attachment





Size diagram	Unit:mm
A	4485
B	1550
C	2470
D	1550
E	1250
F	1030
G	4600
H	3175
I	2880
J	2305
K	4965
L	4845
M	2035
N	790
O	360
P	340
Q	635
R	600



WE MAKE THINGS EASY

Marketed & Serviced By:

MASTRACK
HYDRAULICS PVT. LTD.

ADDRESS

2-120/18, EMS Center, Kular Junction,
Opp. Kular Kavoor Bus Stand, Mangalore - 575 013
Mob: 72045 12999, 99455 51088

Manufactured by:

SGR ENGINEERS

Plant 143C1 & C2 Industrial Area,
Baikampady, Mangalore-11