

Amphibious Soft Terrain Excavator

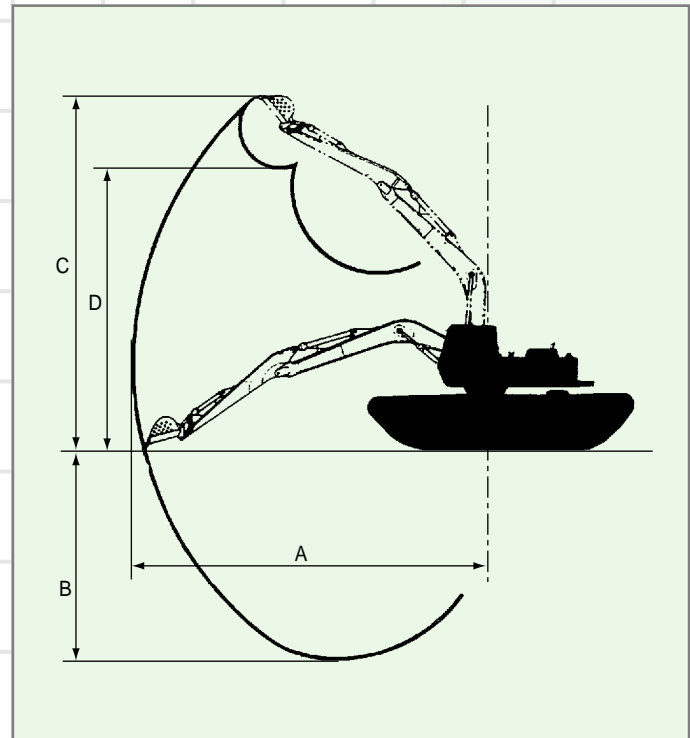
Large floating-capacity undercarriage for effective work on soft terrain

- With its floatability, this excavator can effectively work on muddy, soft terrain on which grouser-shoe excavators and wheel loaders find difficulty traveling.
- Durable roller chains and steel hollow shoes are used to increase floatability.
- When a rotary stabilizer and a single-axle vertical stirrer are attached to the front, the excavator can be used as a soil improving or ground solidifying machine.



- Because it is not a ship, the excavator is not provided with any navigation devices.
- It is not possible to work on the water.

Working Range Diagram



Specifications

Applicable Models		MA95	MA145-s
Bucket capacity (PCSA)	m ³	0.34	0.46*
Operating weight	kg	15 800	20 400
Floating capacity	m ³	21.0	27.5
Ave. ground pressure	kPa(kgf/cm ²)	10.0(0.10)	10.9(0.111)
Engine		Isuzu 4BDIT	Isuzu A-6BGIT
Engine rated output	kW/min ⁻¹ (PS/rpm)	70/2 300 (95/2 300)	99/1 950 (135/1 950)
Swing speed	min ⁻¹ (rpm)	13.5(13.5)	13.9(13.9)
Travel speed	km/h	2.8	4.0
Gradeability	degree(%)	30(58)	30(58)
Fuel tank capacity	L	250	310
Hyd. oil tank capacity	L	160	200

<Notes> | Data shown above are in SI units, followed by data in conventional units in ().

- | Travel speed may vary with ground conditions.
- | * A 0.69m³ toothless bucket is optionally available.

Working Range

Applicable Models		MA95	MA145-s	
A	Max. digging reach	mm	9 990	11 050
B	Max. digging depth	mm	5 530	6 640
C	Max. cutting height	mm	11 120	11 480
D	Max. dumping height	mm	8 680	9 200