

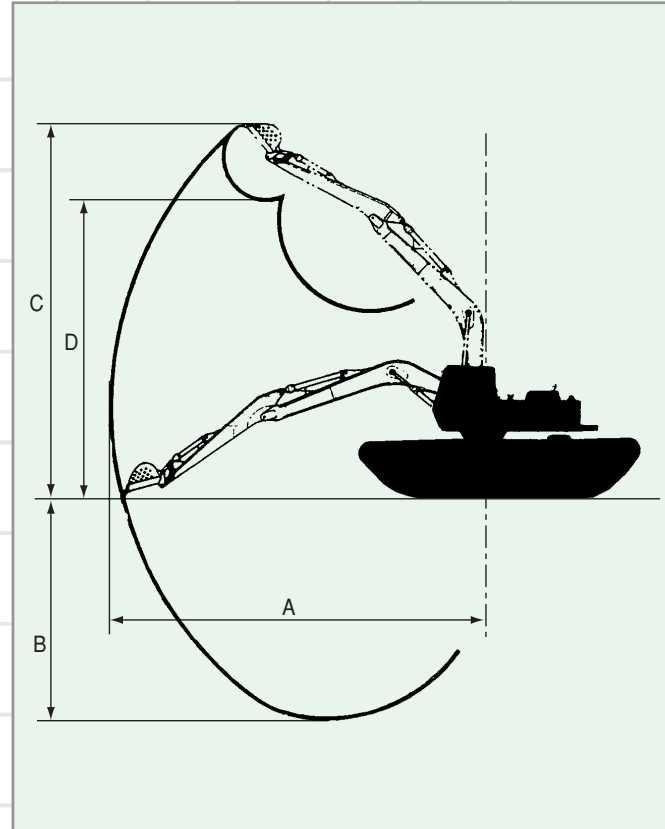
# Amphibious Soft Terrain Backhoe

Large floating-capacity undercarriage for effective work on soft terrain

- With its floatability, this backhoe 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 backhoe can be used as a soil improving or ground solidifying machine.
- Because it is not a ship, the backhoe is not provided with any navigation devices.
- It is not possible to work on the water.



## ● Working Range Diagram ●



## ● Specifications ●

Applicable Models	MA95	MA145 <sub>s</sub>
Bucket capacity (PCSA heaped) m <sup>3</sup>	0.34	0.46*
Operating weight	15 800	20 400
Floating capacity m <sup>3</sup>	21.0	27.5
Ground pressure kPa (kgf/cm <sup>2</sup> )	10.0 (0.10)	10.9 (0.111)
Engine	Isuzu 4BDIT	Isuzu A-6BGIT
Engine rated output kW/min <sup>-1</sup> (PS/rpm)	70/2 300 (95/2 300)	99/1 950 (135/1 950)
Swing speed min <sup>-1</sup> (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
Hydraulic 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 0.69m<sup>3</sup> toothless bucket is optionally available.

## ● Working Range ●

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