

AMPHIBIOUS SOFT TERRAIN BACKHOE

MA200

A P P L I C A T I O N & A T T A C H M E N T



**Amazing Mobility on Soft
Terrains and Swamps with the
Pontoon-Type Undercarriage**

Note: Some pictures on this catalog show the machine without the operator, and with the front attachment in operating position. These pictures are taken for demonstration purpose only, and these uses are not recommended for normal operation.



Unparalleled Mobility on Soft Terrains and Swamps

The Pontoon-Type Undercarriage Features High Buoyancy and Stability, and Ultra-Low Ground Pressure. The Long Reach Front with the Specific-Purpose Bucket Enables Productive Excavation with Extended Working Ranges. The well designed cab provides a clear view of the jobsite.

High Buoyancy and Durability

The pontoon-type undercarriage is fitted with square hollow steel shoes to further increase buoyancy and ruggedness for excellent mobility on terrains and swamps.



Knock-Down Construction

The upperstructure is bolted to the undercarriage through the support beam. Hydraulic piping is connected through quick couplers. This knock-down construction is convenient for prompt transport to the next job site.



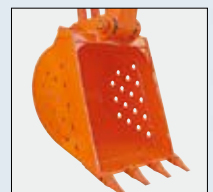
Easy Access to the Cab

The MA200 provides quick access to the cab from either side, with the help of handrailed ladders and step behind the counterweight. This design facilitates daily servicing and inspection.



Specific-Purpose Bucket

The bucket is exclusively designed for productive excavation in soft ground, like terrains, river beds, marshes, swamps and reclamation sites.



Refueling Device

The refueling device with an ample 400-liter fuel tank allows for efficient refueling with less downtime.

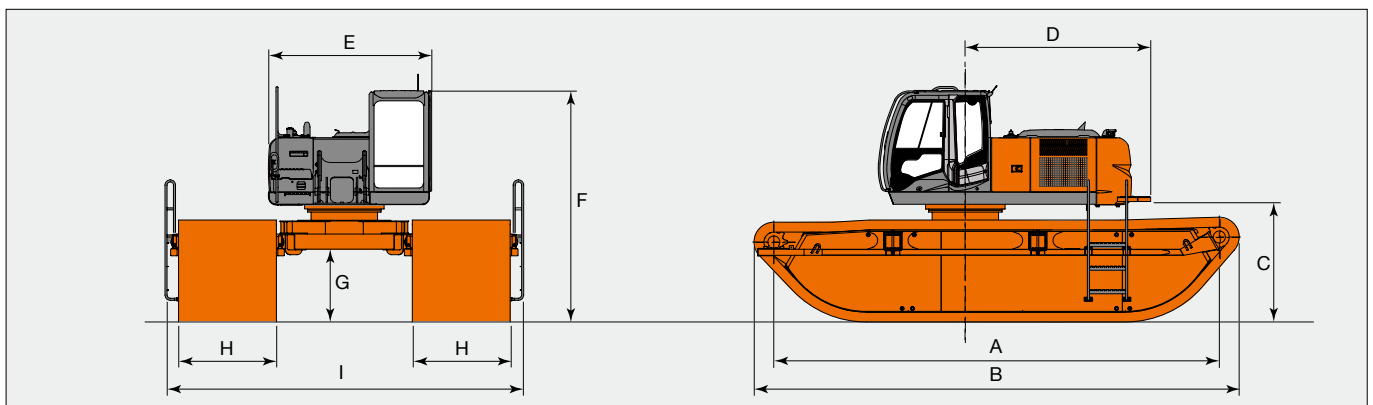


SPECIFICATIONS

Model		MA200
Bucket capacity (PCSA heaped)	m ³	0.46
Operating weight	kg	21 600
Float capacity	m ³	29.0
Ave. ground pressure	kPa (kgf/cm ²)	11.5 (0.12)
Engine rated power	kW/min ⁻¹ (HP/rpm)	122 / 2 000 (164 / 2 000)
Piston displacement	L	5.193
Swing speed	min ⁻¹ (rpm)	13.3
Travel speed	km/h	4
Gradeability	% (degree)	58 (30)
Fuel tank capacity	L	400
Hydraulic oil tank capacity (Reference oil level)	L	135

Notes: Travel speed varies with terrain conditions.
*0.69 m³ toothless bucket is also optionally available.

DIMENSIONS

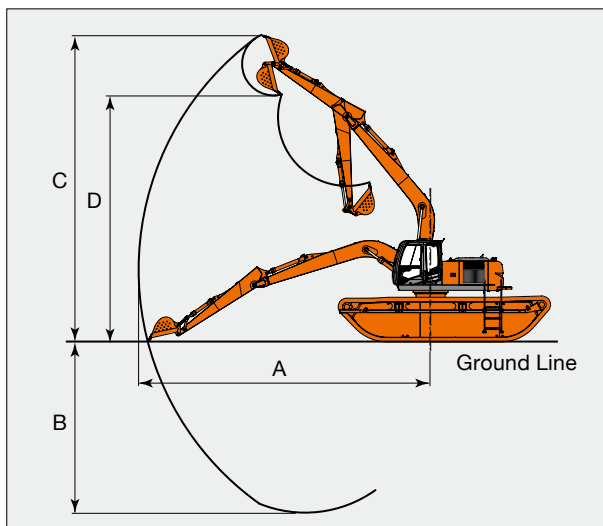


Unit: mm

Model	MA200
A Distance between tumblers	7 380
B Undercarriage length	8 030
C Counterweight clearance	1 940
D Rear-end swing radius	3 070
E Overall width of upperstructure	2 710
F Overall height of cab	3 830
G Min. ground clearance	1 210
H Shoe width	1 620
I Undercarriage width	5 940

WORKING RANGES

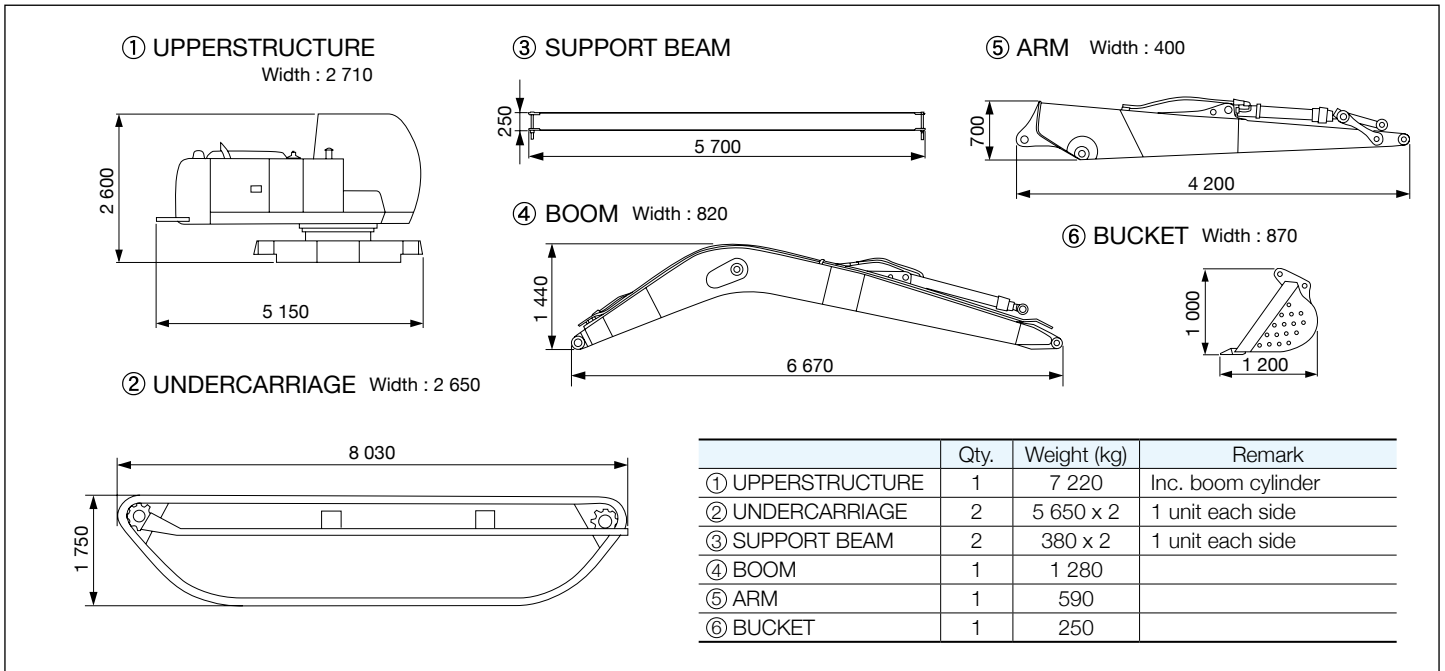
Unit: mm



Model	MA200
A Max. digging reach	11 050
B Max. digging depth	6 500
C Max. cutting height	11 600
D Max. dumping height	9 320

TRANSPORTATION

Unit:mm



Notes: The MA Series is not a ship. It is not fitted with equipment for cruising or working on water.
The MA Series is designed for working on soft ground. Working or traveling on hard and rough ground is prohibited.

These specifications are subject to change without notice.

Illustrations and photos show the standard models, and may or may not include optional equipment, accessories, and all standard equipment with some differences in color and features.
Before use, read and understand the Operator's Manual for proper operation.