

SKYMASTER SH09-AS



FEATURES

1 STRAIGHT TELESCOPIC BOOM

360° Continuous boom rotation

2 WORK RADIUS

with full boom

3 BUCKET SWING

90° to right and left

4 INSULATION

- 33kv FRP 2nd boom
- 5kv 1st boom cover

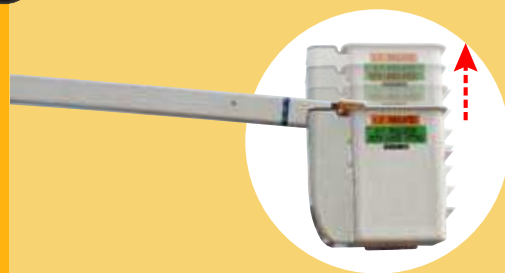
5 ZERO TAIL SWING



6 STABLE H-FORM OUTRIGGER

7 SUSPENSION LOCK (OPTION)

8 BUCKET SLIDE (0.5m) (OPTION)



9 JACK SET UP FROM BUCKET



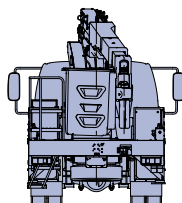
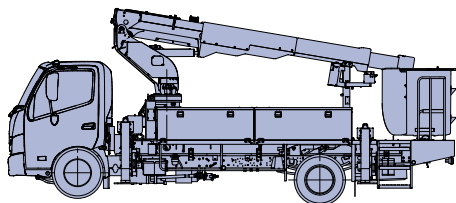
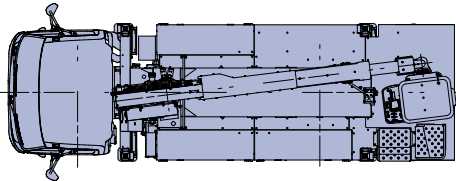
10 TOOL-BOX



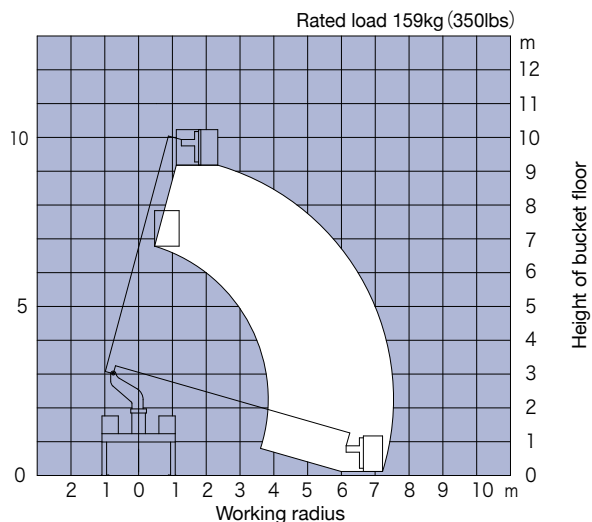
11 JOYSTICK (Upper control)



Dimensions



Working Range



Note1. Working range is the same all around.

Note2. Working range described here is set out assuming that the vehicle is placed on leveled and firm ground.

Note3. Working range diagram is set out considering deflexion of boom.

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DISTRIBUTORS

Major Specifications

●Standard	
Standard	AS1418.10-2011 JIS
●Model, Design Code and Model Type	
Model	SH09-AS
Design Code	SH09JRN
Model Type	EWP
●Insulation Rating	
Insulation Category	C
Bucket	33kV(without liner)
●Bucket	
Load Capacity	159kg or 1person
Max. Bucket Floor Height	9.1m (except optional bucket slide by 0.5m)
Max. Work Radius	7.4m
Material	FRP (Fiber Reinforced Plastic)
Inner Dimensions	0.74m×0.58m×1.05m(W×L×H)
Swing Angle	Left 90°, Right 90°
Sliding Stroke (OPTION)	0.5m
●Boom	
Material of 1st boom	Steel (with FRP cover)
Material of 2nd boom	FRP (Fiber Reinforced Plastic)
Telescope Speed	2.48m/16sec (extend), 2.48m/10sec (retract)
Boom Angle	-16°~75°
Elevation Speed	-16°~75°/25 sec (up), -16°~75°/20 sec (down)
Rotation Angle	360°continuous
Rotation Speed	1.1rpm
●Safety devices	
Hydraulic safety devices (Relief valve, pilot-operated check valve, holding valve, Bucket leveling system), Emergency stop lever, safety ring, Jack-boom interlock system, User friendly joystick controller	
●Other devices	
Energy saving engine start and stop switch, Level gauge, Upper hydraulic outlet, Tool-boxes : three (3) with shelves : two (2), Hour meter, PTO warning buzzer, Accelerator control, PTO warning buzzer, Outrigger marker lamps : four (4)	
●Standard accessories	
Jack bases : four (4), Wheel chocks : four (4), Bucket cover : one (1)	
●Options	
Bucket slide, Accelerator control, Jack control from bucket, Additional emergency stop switch (both sides of the vehicle) : two, Lower hydraulic outlet, Jack alarm, Spring lock system	
●Mounting chassis	
Mounting chassis	8.5 tonne GVW

Due to continuous products improvements, we reserve the right to make specification and /or equipment changes without prior notice.

LIMITED WARRANTY

Aichi Corporation warrants the products to be manufactured in accordance with published specifications and free from defects in material and /or workmanship.

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