

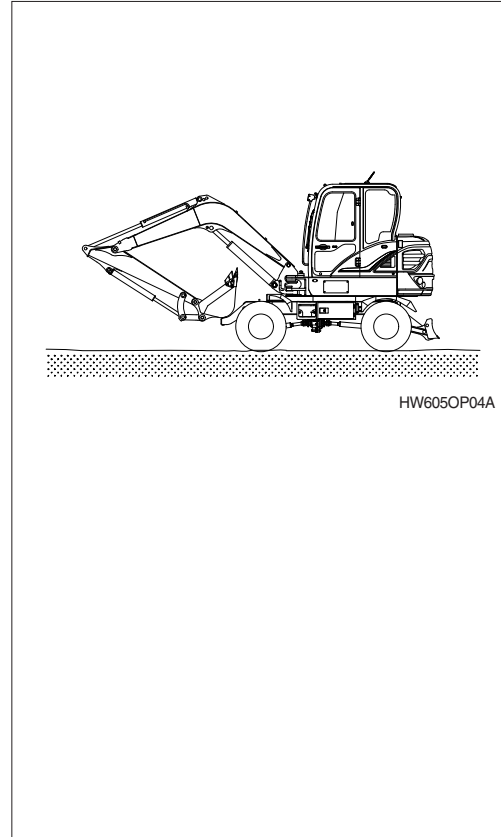
## 1. ROAD TRAVELING

As this machine can run at the maximum speed of 30.5km/h, it is not necessary to transport the machine on trailer in a short distance.

But the transportation by the trailer is convenient in a long distance.

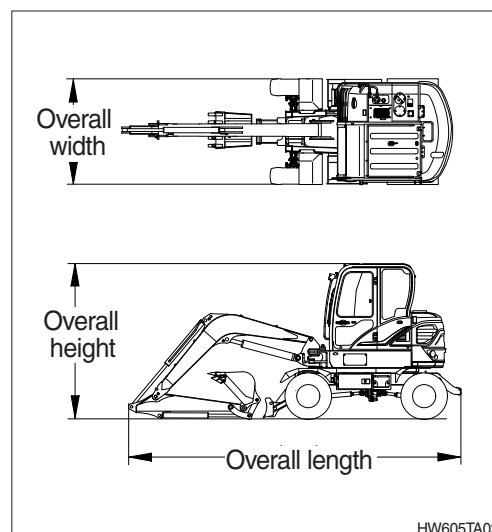
If it is necessary to travel on a road, observe the followings.

- 1) Comply with regulations regarding this machine for the sake of safety.
- 2) Perform daily inspection before starting the machine.
- 3) Cross the bridge after checking that it will safely support the machine weight. If the bridge can not support, a detour must be prepared or the bridge must be reinforced.
- 4) When traveling for a long distance, stop every hour to allow tires and other components to cool down and check any abnormality.
- 5) Drive with the bucket empty.



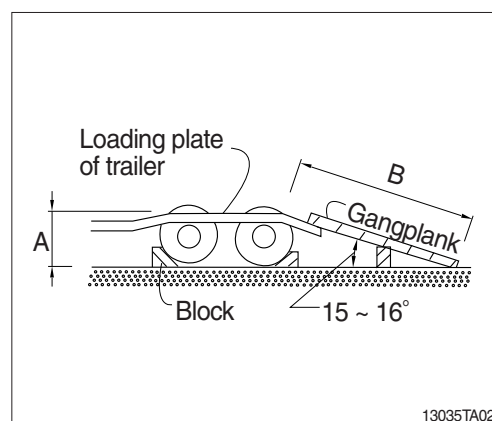
## 2. PREPARATION FOR TRANSPORTATION

- 1) When transporting the machine, observe the various road rules, road transportation vehicle laws and vehicle limit ordinances, etc.
- 2) Select proper trailer after confirming the weight and dimension from the chapter 2, specification.
- 3) Check the whole route such as the road width, the height of bridge and limit of weight and etc., which will be passed.
- 4) Get the permission from the related authority if necessary.
- 5) Prepare suitable capacity of trailer to support the machine.



- 6) Prepare gangplank for safe loading referring to the below table and illustration.

A	B
1.0	3.65 ~ 3.85
1.1	4.00 ~ 4.25
1.2	4.35 ~ 4.60
1.3	4.75 ~ 5.00
1.4	5.10 ~ 5.40
1.5	5.50 ~ 5.75



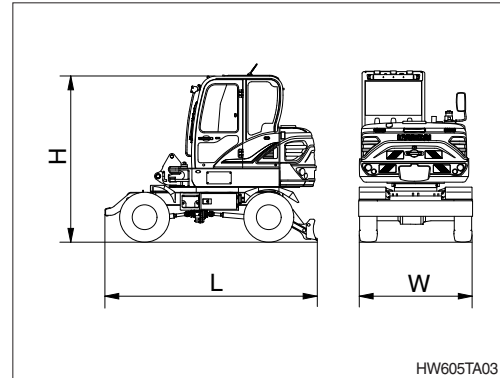
### 3. DIMENSION AND WEIGHT

#### 1) BASE MACHINE

##### (1) Single tire

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3685 (12' 1")
H	Height	mm (ft-in)	2905 ( 9' 6")
Wd	Width	mm (ft-in)	1925 ( 6' 4")
Wt	Weight	kg (lb)	5325 (11740)

※ With 330 kg (730 lb) counterweight.



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##### (2) Double tire

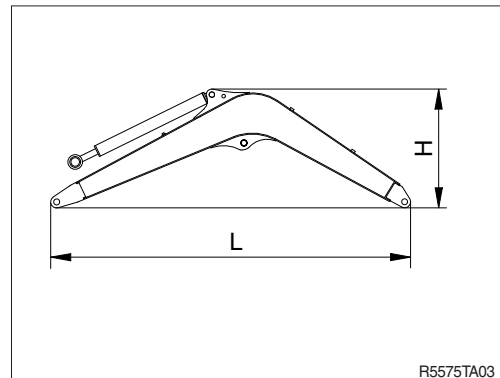
Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3685 (12' 1")
H	Height	mm (ft-in)	2865 ( 9' 5")
Wd	Width	mm (ft-in)	2100 ( 6' 11")
Wt	Weight	kg (lb)	5615 (12380)

※ With 330 kg (730 lb) counterweight.

#### 2) BOOM ASSEMBLY

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3126 (10' 3")
H	Height	mm (ft-in)	1138 ( 3' 9")
Wd	Width	mm (ft-in)	330 ( 1' 1")
Wt	Weight	kg (lb)	248 (550)

※ 3.0 m (9'10") boom with arm cylinder (included piping and pins).



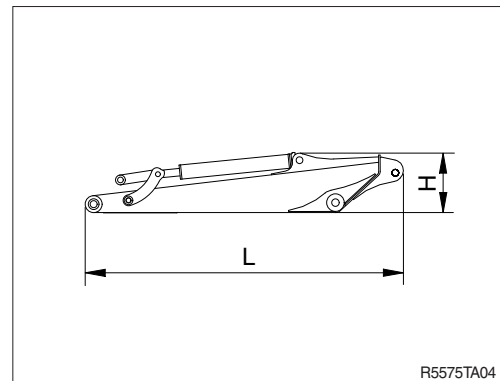
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### 3) ARM ASSEMBLY

#### (1) 1.60 m (5' 3") arm

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	2120 (6' 11")
H	Height	mm (ft-in)	461 (1' 6")
Wd	Width	mm (ft-in)	169 (0' 7")
Wt	Weight	kg (lb)	130 (290)

※ With bucket cylinder (including linkage and pins).



#### (2) 1.90 m (6' 3") arm

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	2146 (7' 0")
H	Height	mm (ft-in)	429 (1' 5")
Wd	Width	mm (ft-in)	169 (0' 7")
Wt	Weight	kg (lb)	135 (300)

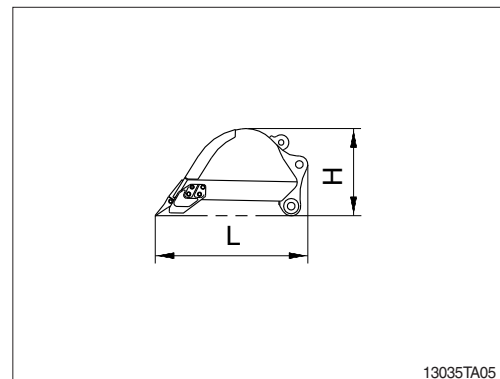
※ With bucket cylinder (including linkage and pins).

### 4) BUCKET ASSEMBLY

#### (1) 0.18 m<sup>3</sup> (0.24 yd<sup>3</sup>) SAE heaped bucket

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	1019 (3' 4")
H	Height	mm (ft-in)	569 (1' 10")
W	Width	mm (ft-in)	730 (2' 5")
Wt	Weight	kg (lb)	163 (360)

※ Including tooth and side cutters



#### (2) 0.07 m<sup>3</sup> (0.09 yd<sup>3</sup>) SAE heaped bucket

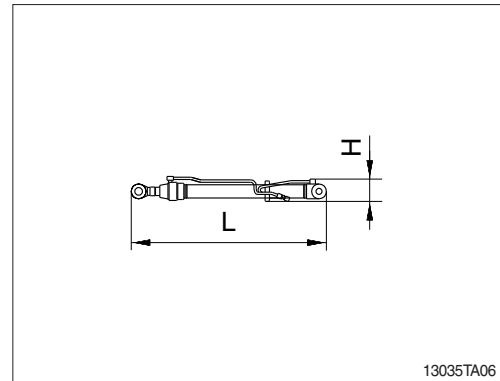
Mark	Description	Unit	Specification
L	Length	mm (ft-in)	1019 (3' 4")
H	Height	mm (ft-in)	570 (1' 10")
W	Width	mm (ft-in)	365 (1' 2")
Wt	Weight	kg (lb)	111 (240)

※ Including tooth and side cutters

## 5) BOOM CYLINDER

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	1270 ( 4' 2")
H	Height	mm (ft-in)	161 ( 0' 6")
Wd	Width	mm (ft-in)	275 ( 0' 11")
Wt	Weight	kg (lb)	77 (170)

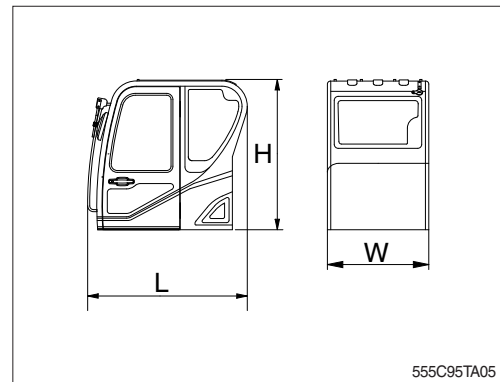
※ Included piping.



## 6) CAB ASSEMBLY

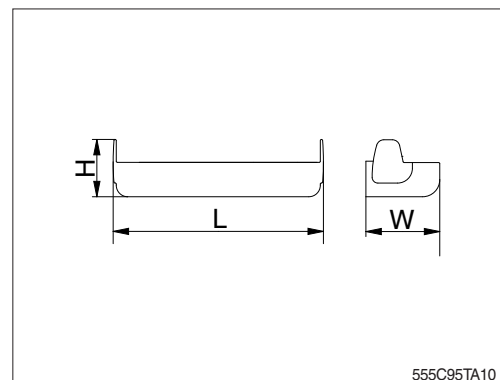
Mark	Description	Unit	Specification
L	Length	mm (ft-in)	1665 ( 5' 6")
H	Height	mm (ft-in)	1640 ( 5' 5")
Wd	Width	mm (ft-in)	1060 ( 3' 6")
Wt	Weight	kg (lb)	430 (950)

[ ] : with FOG GUARD



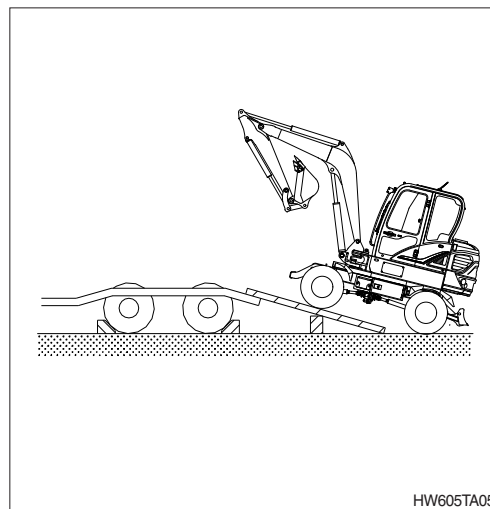
## 7) COUNTERWEIGHT

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	1850 ( 6' 1")
H	Height	mm (ft-in)	395 (1' 4")
Wd	Width	mm (ft-in)	644 ( 2' 1")
Wt	Weight	kg (lb)	210 (460)

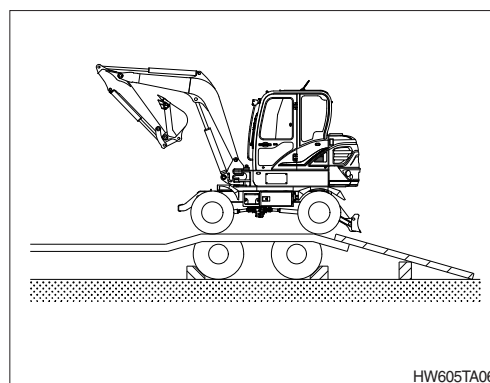


## 4. LOADING THE MACHINE

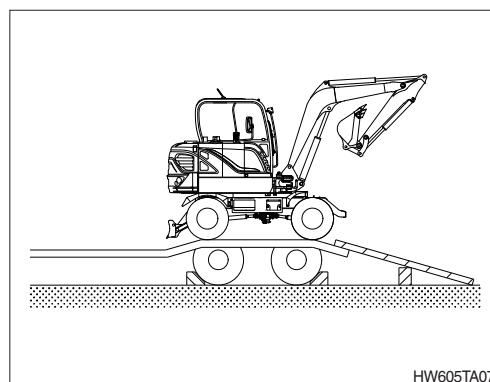
- 1) Load and unload the machine on a flat ground.
- 2) Use the gangplank with sufficient length, width, thickness and gradient.
- 3) Place block tires of the truck and the trailer not to move the trailer.
- 4) Place the swing lock device to the **LOCK** position before fixing the machine at the bed of trailer and confirm if the machine parallels the bed of trailer.
- 5) Drive straight and depress the acceleration pedal slowly on the gangplank with the two speed switch positioned as low speed.



- 6) Do the following after loading the machine to the trailer.
  - (1) Stop loading when the machine is located horizontally with the rear wheel of trailer.



- (2) Place the swing lock device to the **LOCK** position after the swing the machine 180 degree.



(3) Lower the working equipment gently after the location is determined.

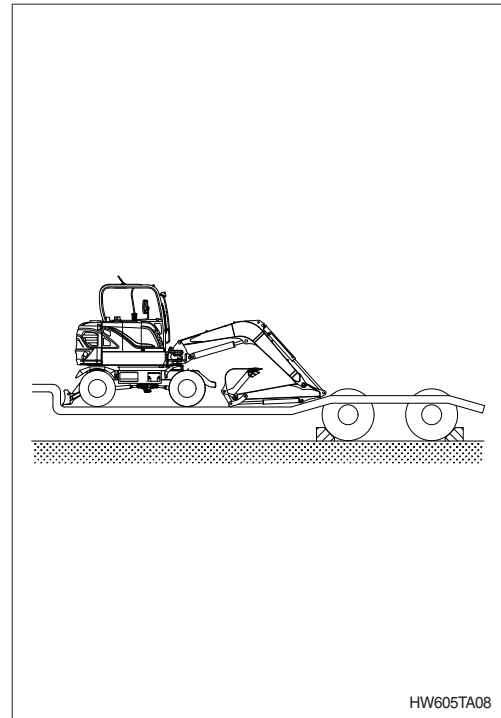
※ **Place rectangular timber under the bucket cylinder to prevent the damage of it during transportation.**

▲ **Be sure to keep the travel speed switch on the low speed while loading and unloading the machine.**

▲ **Avoid using the working equipment for loading and unloading since it will be very dangerous.**

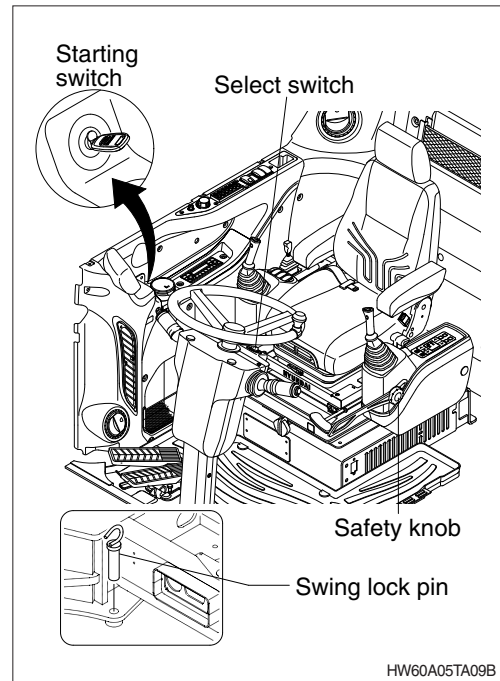
▲ **Do not operate any other device when loading.**

▲ **Be careful on the boundary place of loading plate or trailer as the balance of machine will abruptly be changed on the point.**

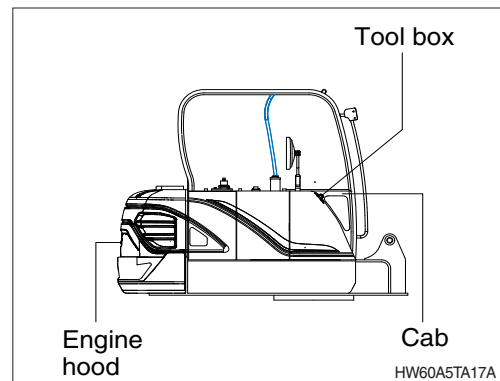


## 5. FIXING THE MACHINE

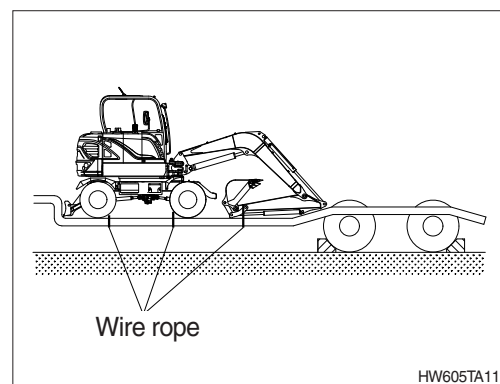
- 1) Place the swing lock pin on the LOCK position.
- 2) Place the parking switch to the parking position.
- 3) Keep the safety knob on the LOCK position.
- 4) Turn OFF all the switches and remove the key.



- 5) Secure all locks.



- 6) Place timber underneath of the tires and fix firmly with wire rope to prevent the machine from moving forward, backward, right or left.





## 6. LOADING AND UNLOADING BY CRANE

- 1) Check the weight, length, width and height of the machine referring to the chapter 2, specification when you are going to hoist the machine.
- 2) Use long wire rope and stay to keep the distance with the machine as it should avoid touching with the machine.
- 3) Put a rubber plate contact with wire rope and machine to prevent damage.
- 4) Place crane on the proper place.
- 5) Install the wire rope and stay like the illustration.

**▲ Make sure wire rope is proper size.**

**▲ Place the safety knob to LOCK position to prevent the machine moving when hoisting the machine.**

**▲ The wrong hoisting method or installation of wire rope can cause damage to the machine.**

**▲ Do not load abruptly.**

**▲ Keep area clear of personnel.**

