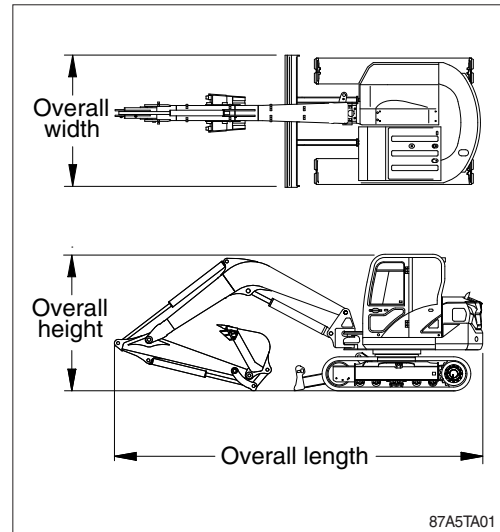


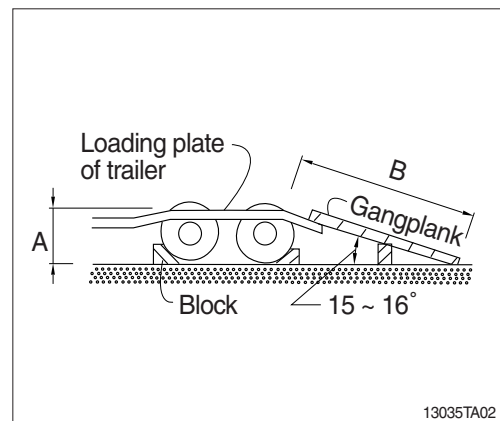
1. PREPARATION FOR TRANSPORTATION

- 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 chapter 2, Specification.
- 3) Check the whole route such as the road width, the height of bridge and limit of weight etc., which will be passed.
- 4) Get 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



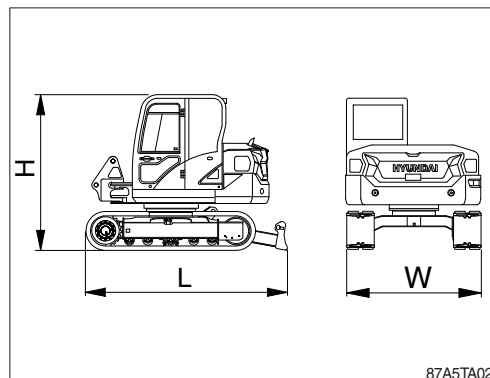
2. DIMENSION AND WEIGHT

1) BASE MACHINE

(1) Rubber track

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3605 (11' 10")
H	Height	mm (ft-in)	2585 (8' 6")
W	Width	mm (ft-in)	2300 (7' 7")
Wt	Weight	kg (lb)	7410 (16340)

※ With rubber for rail interlocking and 1000 kg (2205 lb) cast type counterweight



87A5TA02

(2) Rubber track

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3650 (12' 0")
H	Height	mm (ft-in)	2585 (8' 6")
W	Width	mm (ft-in)	2300 (7' 7")
Wt	Weight	kg (lb)	7555 (16660)

※ With rubber for rail interlocking and 1150 kg (2535 lb) add counterweight

(3) Rubber track

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3680 (12' 1")
H	Height	mm (ft-in)	2585 (8' 6")
W	Width	mm (ft-in)	2300 (7' 7")
Wt	Weight	kg (lb)	7655 (16880)

※ With rubber for rail interlocking and 1250 kg (2756 lb) cast add increased counterweight

(4) Steel track

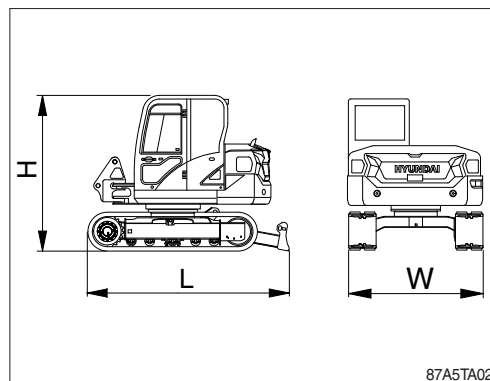
Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3605 (11' 10")
H	Height	mm (ft-in)	2580 (8' 6")
W	Width	mm (ft-in)	2300 (7' 7")
Wt	Weight	kg (lb)	7445 (16410)

※ With triple for mini and 1000 kg (2205 lb) cast type counterweight

(5) Steel track

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3650 (12' 0")
H	Height	mm (ft-in)	2580 (8' 6")
W	Width	mm (ft-in)	2300 (7' 7")
Wt	Weight	kg (lb)	7590 (16730)

※ With triple for mini and 1150 kg (2535 lb) add counterweight

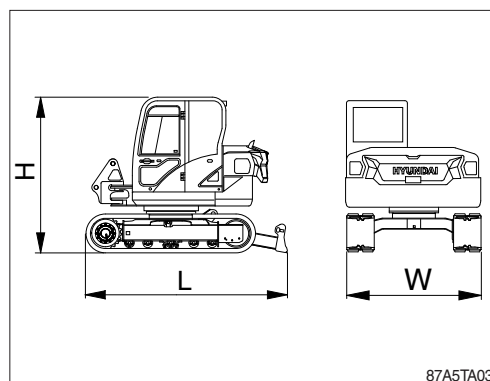


87A5TA02

(6) Steel track

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3680 (12' 1")
H	Height	mm (ft-in)	2580 (8' 6")
W	Width	mm (ft-in)	2300 (7' 7")
Wt	Weight	kg (lb)	7690 (16950)

※ With triple for mini and and 1250 kg (2756 lb) cast add increased counterweight

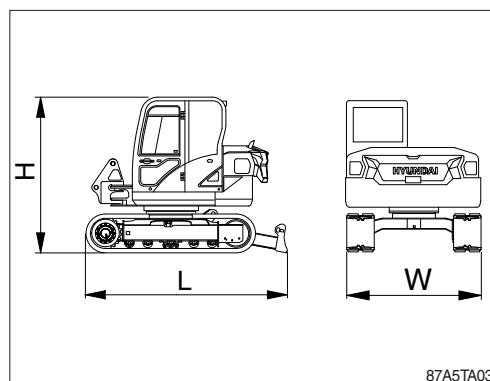


87A5TA03

(7) Rubber track

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3595 (11' 10")
H	Height	mm (ft-in)	2585 (8' 6")
W	Width	mm (ft-in)	2300 (7' 7")
Wt	Weight	kg (lb)	6400 (14110)

※ With rubber for rail interlocking and without counterweight



87A5TA03

(8) Steel track

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3595 (11' 10")
H	Height	mm (ft-in)	2580 (8' 6")
W	Width	mm (ft-in)	2300 (7' 7")
Wt	Weight	kg (lb)	6435 (14190)

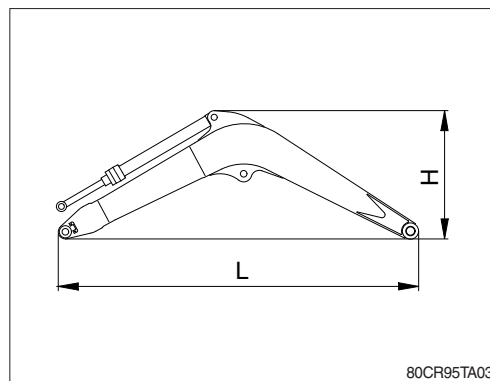
※ With triplr for mini and without counterweight

2) BOOM ASSEMBLY

(1) 3.55 m mono boom

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	3703 (12' 2")
H	Height	mm (ft-in)	1200 (3' 11")
W	Width	mm (ft-in)	382 (1' 3")
Wt	Weight	kg (lb)	552 (1220)

※ With arm cylinder (Including piping and pins).



(2) 3.92 m 2-piece boom

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	4067 (13' 4")
H	Height	mm (ft-in)	906 (3' 0")
W	Width	mm (ft-in)	575 (1' 11")
Wt	Weight	kg (lb)	704 (1550)

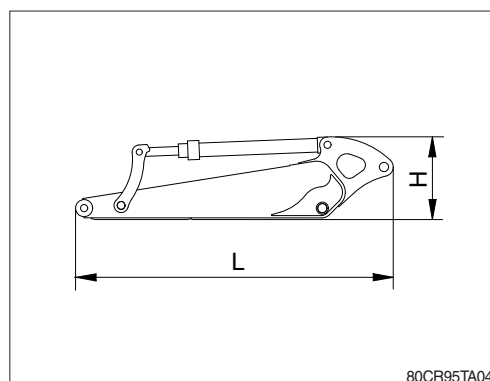
※ With arm cylinder (Including piping and pins).

3) ARM ASSEMBLY

(1) 1.75 m arm

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	2295 (7' 6")
H	Height	mm (ft-in)	587 (1' 11")
W	Width	mm (ft-in)	349 (1' 2")
Wt	Weight	kg (lb)	322 (710)

※ With bucket cylinder (included linkage and pins)



(2) 2.10 m long arm

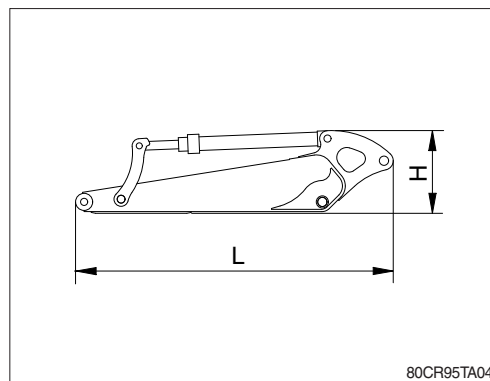
Mark	Description	Unit	Specification
L	Length	mm (ft-in)	2645 (8' 8")
H	Height	mm (ft-in)	552 (1' 10")
W	Width	mm (ft-in)	349 (1' 2")
Wt	Weight	kg (lb)	354 (780)

※ With bucket cylinder (included linkage and pins)

(3) 1.75 m thumb bracket arm

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	2295 (7' 6")
H	Height	mm (ft-in)	685 (2' 3")
W	Width	mm (ft-in)	349 (1' 2")
Wt	Weight	kg (lb)	328 (720)

※ With bucket cylinder (included linkage and pins)



(4) 2.1 m thumb bracket long arm

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	2645 (8' 8")
H	Height	mm (ft-in)	650 (2' 2")
W	Width	mm (ft-in)	349 (1' 2")
Wt	Weight	kg (lb)	359 (790)

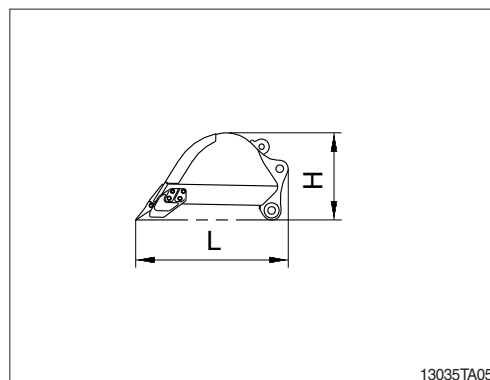
※ With bucket cylinder (included linkage and pins)

4) BUCKET ASSEMBLY

(1) 0.25 m³ general bucket

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	1141 (3' 9")
H	Height	mm (ft-in)	616 (2' 0")
W	Width	mm (ft-in)	796 (2' 7")
Wt	Weight	kg (lb)	185 (410)

※ Including tooth and side cutters



(2) 0.28 m³ heavy duty bucket

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	1115 (3' 8")
H	Height	mm (ft-in)	750 (2' 6")
W	Width	mm (ft-in)	830 (2' 9")
Wt	Weight	kg (lb)	248 (550)

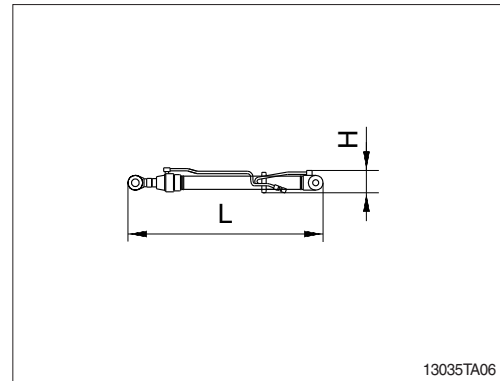
※ Including tooth and side cutters

5) BOOM CYLINDER

(1) Mono boom cylinder

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	1498 (4' 11")
H	Height	mm (ft-in)	271 (0' 11")
W	Width	mm (ft-in)	234 (0' 9")
Wt	Weight	kg (lb)	115 (250)

※ Including piping.



(2) 2-piece boom cylinder

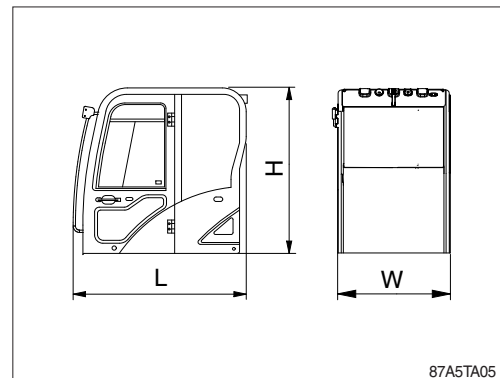
Mark	Description	Unit	Specification
L	Length	mm (ft-in)	1498 (4' 11")
H	Height	mm (ft-in)	271 (0' 11")
W	Width	mm (ft-in)	234 (0' 9")
Wt	Weight	kg (lb)	115 (250)

※ Including piping.

6) CAB ASSEMBLY

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	1657 (5' 5") [1665 (5' 6")]
H	Height	mm (ft-in)	1576 (5' 2") [1640 (5' 5")]
W	Width	mm (ft-in)	1060 (3' 6") [1060 (3' 6")]
Wt	Weight	kg (lb)	360 (790) [450 (990)]

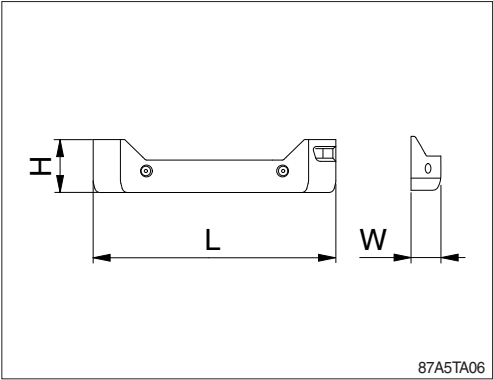
[] : with FOG GUARD



7) COUNTERWEIGHT

(1) 1000 kg (2205 lb) cast type counterweight

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	2270 (7' 5")
H	Height	mm (ft-in)	496 (1' 8")
W	Width	mm (ft-in)	932 (3' 1")
Wt	Weight	kg (lb)	1000 (2200)



(2) 1150 kg (2535 lb) add counterweight

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	2270 (7' 5")
H	Height	mm (ft-in)	496 (1' 8")
W	Width	mm (ft-in)	982 (3' 3")
Wt	Weight	kg (lb)	1150 (2540)

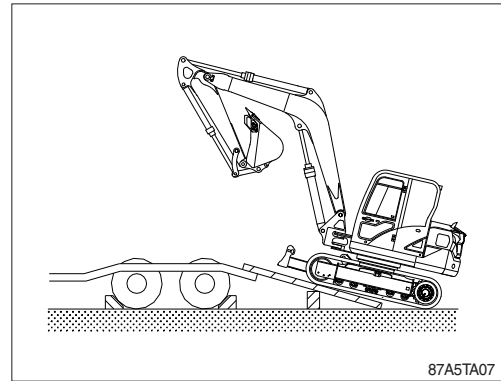
(3) 1250 kg (2756 lb) cast add increased counter-weight

Mark	Description	Unit	Specification
L	Length	mm (ft-in)	2270 (7' 5")
H	Height	mm (ft-in)	496 (1' 8")
W	Width	mm (ft-in)	1007 (3' 4")
Wt	Weight	kg (lb)	1250 (2760)

3. LOADING THE MACHINE

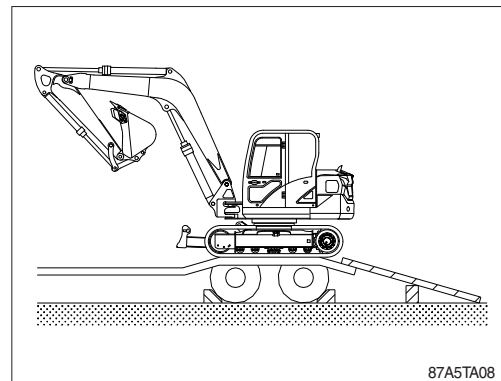
- 1) Load and unload the machine on flat ground.
- 2) Use the gangplank with sufficient length, width, thickness and gradient.
- 3) Place the safety knob to the LOCK position (if equipped) before fixing the machine at the bed of trailer and confirm if the machine is parallel to the bed of trailer.

Keep the travel motor in the rear when loading and in the front when unloading.

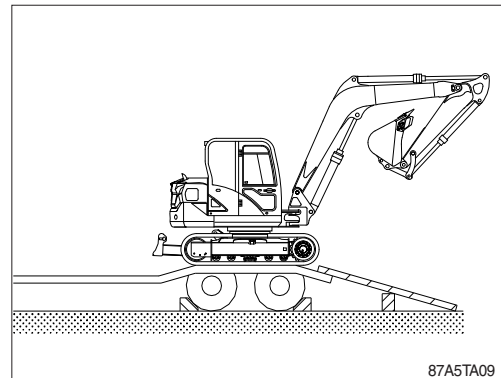


- 4) Do the following after loading the machine to the trailer.

- (1) Stop loading when the machine is located horizontally with the rear wheel of trailer.



- (2) Place the safety knob to the LOCK position (if equipped) after swinging the machine 180°.



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

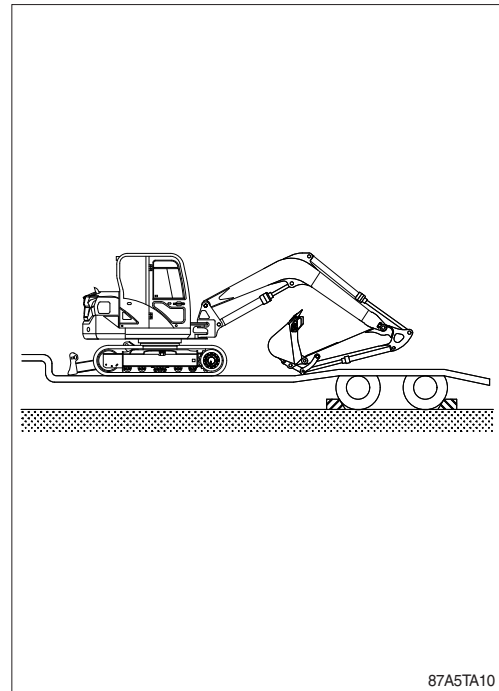
※ **Place rectangular timber under the bucket cylinder to prevent the damage of it during transportation.**

▲ **Be sure to keep the travel speed switch on the LOW (turtle mark) while loading and unloading the machine.**

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

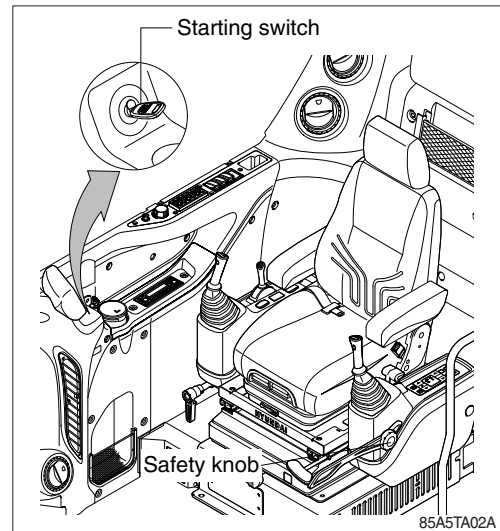
▲ **Do not operate any other device when loading.**

▲ **Be careful as to the boundaries of loading plate or trailer as the balance of machine will abruptly change.**

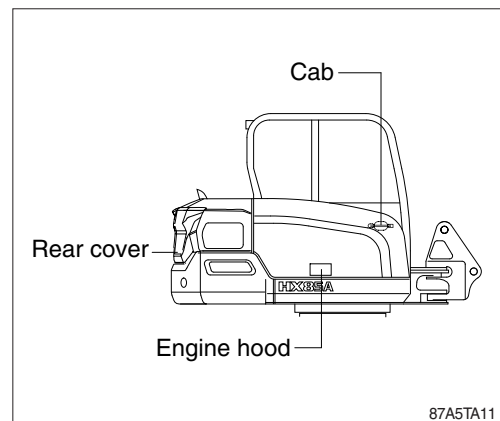


4. FIXING THE MACHINE

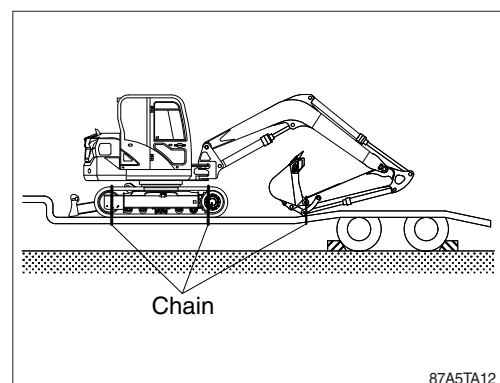
- 1) Place the swing lock lever on the LOCK position.
- 2) Lower down the working device on the loading plate of trailer.
- 3) Keep the safety knob in the LOCK position.
- 4) Turn OFF all the switches and remove the key.



- 5) Secure all locks.



- 6) Place timbers behind the tracks, secure the machine to trailer with chains or straps which are in good condition and approved for the weight which they will be securing, to prevent the machine from moving in any direction.



5. LOADING AND UNLOADING BY CRANE

⚠ The wrong hoisting method or installation of lifting device can cause serious injury, death, or damage to the machine.

- 1) Check the weight, length, width and height of the machine referring to chapter 2, specification when you are going to hoist the machine.
- 2) Use approved lifting device and ensure distance between lifting device and machine to avoid contact between the two.
- 3) Place rubber plates at lifting points to avoid any damage to the machine.
- 4) Place crane in the proper place.
- 5) Install approved lifting device as shown in the illustration.

⚠ Make sure wire rope is proper size.

⚠ Ensure that lifting device is free from any damage and is approved for the weight being lifted and supported.

⚠ Place the safety knob to LOCK position to prevent the machine from moving when hoisting the machine.

⚠ Do not load abruptly.

⚠ Keep area clear of any and all personnel.

