



Cargo Measuring Standard



Actual dimensions have to be provided before cargo is booked for transportation onboard Höegh Autoliners (HA) vessels, including but not limited to:

Cargo Segments	Exceptions
FNLV (Factory New Light Vehicle)	FNLV with standard (factory) dimensions
POV (Previously Owned Vehicle)	POV with standard (factory) dimensions subject to no additional external parts to influence its overall dimensions
FNHH (Factory New High and Heavy)	FNHH with standard (factory) dimensions
UHH (Used High and Heavy)	
BB (Break bulk/Static/stuffed Rolltrailers)	
Military Cargo	Military Cargo with standard (factory) dimensions

HA require the actual dimensions of all cargo loaded onboard our vessels to;

- (i) ensure safe handling with cargo handling equipment and prevent overloading vessel capacity
- (ii) ensure optimal utilization of HA operated vessels
- (iii) avoid damages
- (iv) ensure correct freight

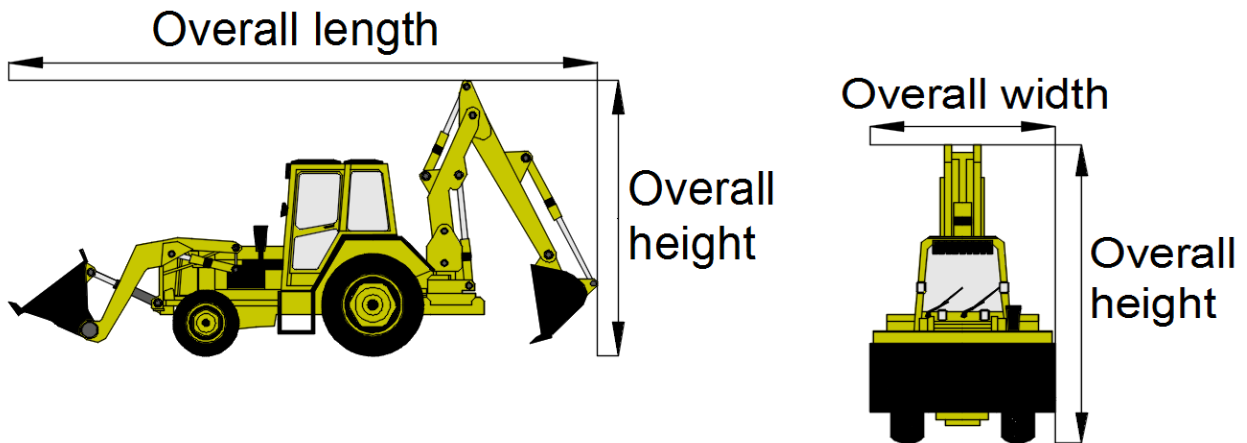
All customers are therefore asked to provide the dimensions of the cargo when placing a booking, dimensions have to be provided in the metric system.

The purpose of this instruction is to make sure that all cargo is measured the same way in all ports on a global scale to avoid confusion.

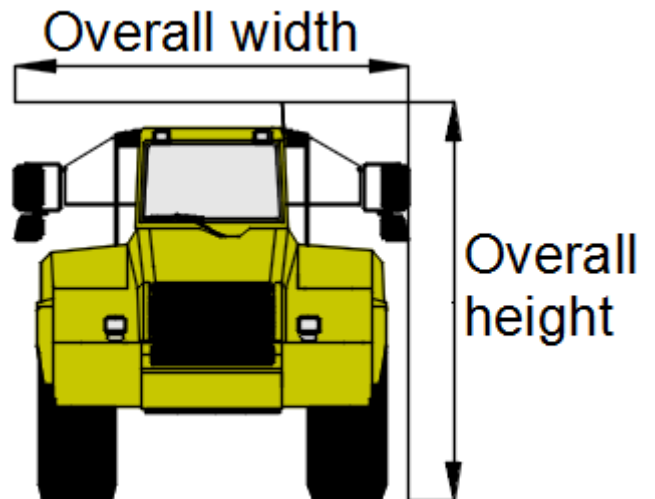
Consequently, the cargo has to be measured prior delivery to port.

Execution of cargo measurement

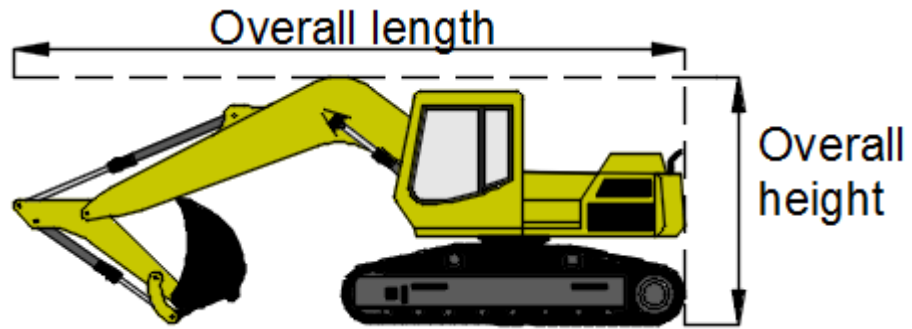
- The measuring shall be carried out with the latest top modern professional equipment; this includes technologies such as laser-, electronic- and mechanical-tools.
- The equipment used for cargo measurement must be calibrated in accordance with manufacturer instructions. In case manufacturer instructions do not have calibration requirements, Höegh Autoliners require an annual verification of the instrument to ensure it measures correct values.
- The space needed for safe stowage of cargo units are calculated by multiplying **overall** length, width and height



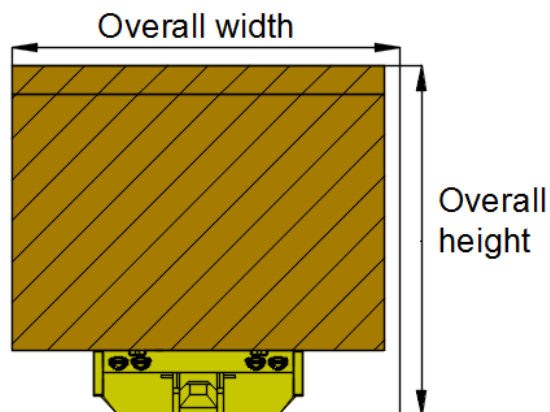
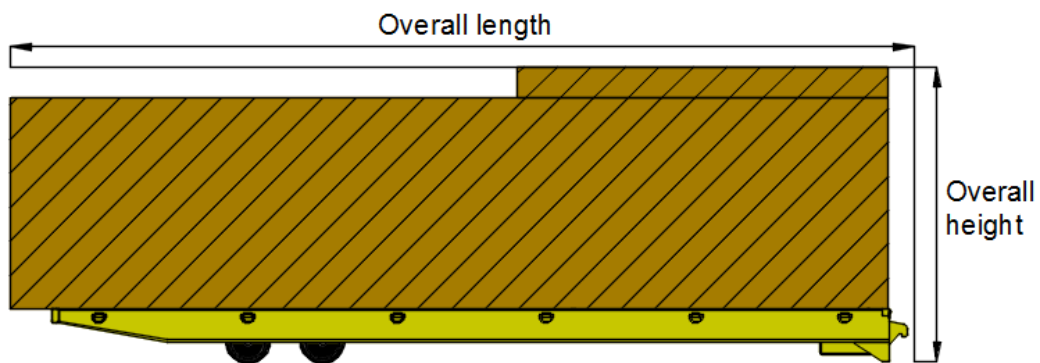
- The overall dimensions must also include all external items, i.e.
 - "side mirrors"
 - "exhaust pipes"
 - "out-drives"
 - "air condition units"
 - "antennas"
 - "boat swim platforms"
 - "masts"
 - "Outboard boat engines"



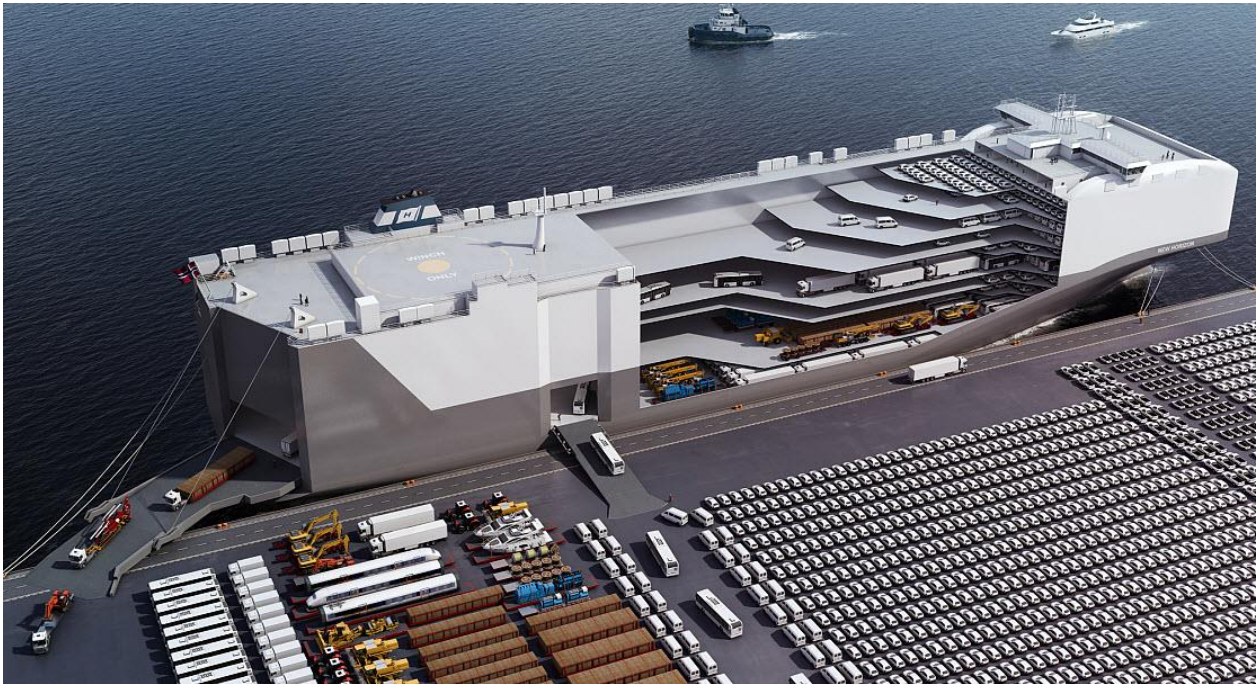
- If feasible, external items must be in folded/lowered position as per "**in-stow**"
- All cargo to be measured as per "**in-stow**" position (the position it will be stowed in once loaded onboard the vessel) - Unless otherwise agreed, any bucket, boom, crane arm, mirrors etc, are to be pulled in.



- If cargo is shipped on HA controlled rolltrailer, HA will measure the **overall** length, width and height once the cargo is stuffed on rolltrailer as united dimensions is actual dimensions for shipment.
- In case cargo is shipped on shippers own equipment, the **overall** dimensions included the equipment should also be provided by customer.



- Should there be a discrepancy between measurements provided at the time of booking and actual measurements taken on arrival load port, the customer will be contacted.
- If customer does not agree to the dimensions measured in port, he/she can request a re-measurement based on the instructions above. However, if the second measurement confirms the first taken on arrival, all costs for the second measurement will be for the customer's account.
- When cargo is measured in port on behalf of HA it will be done by an authorized surveyor, tally company or designated terminal personnel which are requested to follow this instruction.



Measuring your cargo accurately helps us determine the space needed to safely stow the cargo onboard HA vessels.

Continuously monitoring and improving methods of cargo measurement is an important element in HA continuous efforts to achieve zero cargo damage.