Maersk Triple-E class specifications

- **Length**: 400 metres
- **Height**: 73 metres
- **Beam**: 59 metres
- **Deadweight (scantling draft)**: 192,800 tonnes
- **Maximum speed**: 23 knots (43km / h)
- **Crew**: 22 (normal), 34 (maximum)

The Triple-E is a new class of fuel efficient container ships, designed for lower speeds and CO2 emissions. These vessels break the current record for container ship capacity and are expected to be the world's largest ships in service.

### Designed for lower speeds

A change in speed from 25 to 18 km/h.

<table>
<thead>
<tr>
<th>Current</th>
<th>Proposed Change</th>
<th>Energy Saving</th>
<th>CO2 Emission Saving</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 km/h</td>
<td>18 km/h</td>
<td>32%</td>
<td>32%</td>
</tr>
<tr>
<td>17.5 km/h</td>
<td>13 km/h</td>
<td>56%</td>
<td>56%</td>
</tr>
<tr>
<td>13 km/h</td>
<td>7.5 km/h</td>
<td>80%</td>
<td>80%</td>
</tr>
<tr>
<td>7.5 km/h</td>
<td>4.5 km/h</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

### A recyclable ship

- **98%** of the ship is recyclable.
- **60,000 tons** of materials are used to build the ship.

### The Asia - Europe Route

The Asia - Europe Route goes through 14 ports in five regions:

- **China**: Shanghai, Ningbo, Yantian
- **South Korea**: Busan, Kwangyang
- **Europe**: Bremerhaven, Aarhus, Gdansk, Gothenberg, Rotterdam, Tangiers, Hong Kong, Suez Canal

### Interior:

- Extra space created by U-shaped hull.

### Size and speed matter

- The Triple-E vessels are powered by two super-long stroke engines which drive two 4-bladed propellers.

### Propulsion

- Twin 32MW (43,000hp) diesel engines drive two propellers at lower design speed than traditional container vessels.

### Fuel Efficiency

- CO2 emissions per container reduced by 37%.

### Cargo

- The cargo is transported in 18,000 TEU containers.

### Economic Indicators

- **CO2 Emission** vs. **Speed** (knots)

### Timeline

- **14 June**: Name giving of first Triple-E, Okpo, South Korea
- **28 June**: Maersk Line takes ownership of first Triple-E
- **15 July**: Busan, Korea
- **16 July**: Kwangyang, Korea
- **18 July**: Ningbo, China
- **20 July**: Shanghai, China
- **24 July**: Yantian, China
- **28 July**: Tanjung Pelepas, Malaysia
- **16 August**: Rotterdam, Netherlands
- **18 August**: Bremerhaven, Germany
- **21 August**: Gdansk, Poland
- **26 August**: Aarhus, Denmark
- **27 August**: Gothenberg, Sweden
- **5 September**: Tangiers, Morocco
- **27 September**: Singapore, Singapore
- **13 October**: Hong Kong, Hong Kong

### Shapes

- **Emma Mærsk**
- **TRIPLE-E**

### Materials

- **Total weight**: 200,000 tons
- **High grade steel**: 10%
- **Low grade steel**: 2%
- **Copper**: 2%

### Miscellaneous

- **144 million pairs of sneakers**
- **2,500 containers**
- **Triple-E timeline**: of planned events and maiden voyage port calls

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Follow the Triple-E build and all the stories as well as upcoming events at the ship's official website: www.worldslargestship.com