

DECK CARGO BARGE 345FT X 90FT X 21FT

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1) Principal Dimensions

Length : 345ft

Breadth : 90ft

Depth : 21ft

Fore : Spoon-shaped

2) Classification : ABS (Deck Loading 20 t/m²)

3) Scantling

Deck Plating : 20.0mm

Side Plating : 12.0mm

Immediate Delivery in Shanghai, China.

Bottom Plating : 14.0mm

Bulkhead Plating : 8.0mm

Longitudinal : Deck - 12mm x 150mm x 90mm angle bar

Bottom - 9mm x 150mm x 90mm angle bar

Side - 9mm x 125mm x 75mm angle bar

L/Bulkhead - 7mm x 125mm x 75mm angle bar

T/Bulkhead - 7mm x 125mm x 75mm angle bar

C/Long. Bulkhead : 2 lengths

Vertical Pillar : Fitted with 6 pcs of 12"x12" #65 I-beam from side shell to side shell

Diagonal Pillar : Fitted with 6 pcs of 8"x8" #31 I-beam from side shell to side shell

Girder : 6 lengths each on deck & bottom, using

Deck - 12mm x 600mm + 100mm

Bottom - 9mm x 500mm + 100mm

Web Frame : Deck - 16mm x 600mm + 100mm

Bottom - 9mm x 500mm + 100mm

4) Deck Fittings

a) One (1) set of diesel engine driven steel winch c/w one (1) length of 240ft galvanised wire rope and one (1) unit 1200kg stockless anchor

b) Three (3) navigational light's stand.

- c) Suitable numbers of used tyre fenders tightened with ½" dia. chain.
 - d) Suitable numbers of aluminum anodes for 2 years protection.
 - e) Three (3) skegs.
 - f) Four (4) double & Two (2) single bollard.
 - g) Two (2) Smit type towing pads.
 - h) Sideboard on 4 sides 12ft height supported by 200mm x 200mm I-beam placed 6ft apart.
- 5) Painting

Before fabrication, one side (external side) of deck plates, side plates and bottom plates used for the hull had been shop blasted to SA2.5 at shop and primed with one coat of shop primer. After fabrication, all external surface will be sand swept follows with Two (2) coats of Coal tar Epoxy paints (Sigma / Hempel products) for the side and bottom plating and together with one (1) coat of tropical anti-fouling will be added to the bottom plating. The deck plating will be coated with one (1) coat of Coal tar Epoxy paint.