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500T Crane Barge



Listing ID - 3963

Description 500T Crane barge

Date 2021

Launched

Length 64.65m (212ft 1in)

Beam 24.5m (80ft 4in)

Draft 2.45m (8ft)

Location China

Broker Franklin Taylor

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Price USD 7.6 million

Built: 2021 LOA: 64.65m Beam: 24.5m Depth: 4.9m Draft: 2.45m

Crane Boom Length: 78m

Main Hook Length: 66m

Engine

Self-sail Main Engine an Qing CSSC: Anging-Daihatsu / Japan Daihatsu tech) Diesel engine

Power: 1050HP + 1050HP (2 units) Max Self-sailing Ability: 12 knots

Accommodation

20 beds

Crane

160-kilowatt variable frequency motor*5

2 aux. hooks

2 main hooks and 1 aux. hook

Main Hook: 2 units Aux. Hook: 1 unit

Main Hook 250t*2

Arm Angle 75°

Work Radius(m): 17 Lift Capacity(t): 500

Hoisting height from water surface to under hook(m): 65.75

Arm Angle 70°

Work Radius(m): 22.5 Lift Capacity(t): 400

Hoisting height from water surface to under hook(m): 64

Arm Angle 65°

Work Radius(m): 27.9 Lift Capacity(t): 380

Hoisting height from water surface to under hook(m): 61.8

Arm Angle 60°

Work Radius(m): 33 Lift Capacity(t): 340

Hoisting height from water surface to under hook(m): 59

Arm Angle 55° Work Radius(m): 38 Lift Capacity(t): 300

Hoisting height from water surface to under hook(m): 56

Arm Angle 50°

Work Radius(m): 42.4 Lift Capacity(t): 240

Hoisting height from water surface to under hook(m): 52.5

Arm Angle 45° Work Radius(m): 47

Lift Capacity(t): 170

Hoisting height from water surface to under hook(m): 48.6

Arm Angle 40°

Work Radius(m): 50.5 Lift Capacity(t): 130

Hoisting height from water surface to under hook(m): 44.4

Arm Angle 35°

Work Radius(m): 54 Lift Capacity(t): 100

Hoisting height from water surface to under hook(m): 39.8

Arm Angle 30°

Work Radius(m): 57 Lift Capacity(t): 85

Hoisting height from water surface to under hook(m): 35

Arm Angle 25°

Work Radius(m): 60 Lift Capacity(t): 70

Hoisting height from water surface to under hook(m): 30

Arm Angle 20°

Work Radius(m): 62 Lift Capacity(t): 65

Hoisting height from water surface to under hook(m): 24.6

Arm Angle 15°

Work Radius(m): 63.7 Lift Capacity(t): 60

Hoisting height from water surface to under hook(m): 19

Arm Angle 10° Work Radius(m): 65 Lift Capacity(t): 50

Hoisting height from water surface to under hook(m): 13.5

Aux. Hook 150t*1

Arm Angle 75°

Work Radius(m): 20 Lift Capacity(t):150

Hoisting height from water surface to under hook(m): 79.3

Arm Angle 70°

Work Radius(m): 26.6 Lift Capacity(t): 120

Hoisting height from water surface to under hook(m): 77.3

Arm Angle 65°

Work Radius(m): 33 Lift Capacity(t): 120

Hoisting height from water surface to under hook(m): 74.7 Arm Angle 60° Work Radius(m): 39 Lift Capacity(t): 110 Hoisting height from water surface to under hook(m): 71.5 Arm Angle 55° Work Radius(m): 44.7 Lift Capacity(t): 110 Hoisting height from water surface to under hook(m): 68 Arm Angle 50° Work Radius(m): 50 Lift Capacity(t): 100 Hoisting height from water surface to under hook(m): 63.7 Arm Angle 45° Work Radius(m): 55 Lift Capacity(t): 80 Hoisting height from water surface to under hook(m): 59 Arm Angle 40° Work Radius(m): 60 Lift Capacity(t): 60 Hoisting height from water surface to under hook(m): 54 Arm Angle 35° Work Radius(m): 64 Lift Capacity(t): 50 Hoisting height from water surface to under hook(m): 48.7 Arm Angle 30° Work Radius(m): 67.5 Lift Capacity(t): 40 Hoisting height from water surface to under hook(m): 43 Arm Angle 25°

Arm Angle 25°
Work Radius(m): 70.7
Lift Capacity(t): 25

Hoisting height from water surface to under hook(m): 37

Arm Angle 20° Work Radius(m): 73 Lift Capacity(t): 20

Hoisting height from water surface to under hook(m): 30.6

Arm Angle 15° Work Radius(m): 75 Lift Capacity(t): 15 Hoisting height from water surface to under hook(m): 24

Arm Angle 10° Work Radius(m): 77 Lift Capacity(t): 10

Hoisting height from water surface to under hook(m): 17.5

The slewing bearing diameter of crane is 9m.

The starting point of the boom is 7 m from the bow.

It is 7.5m away from the ship's side.

The starting point of the boom is 6.5m from the deck.

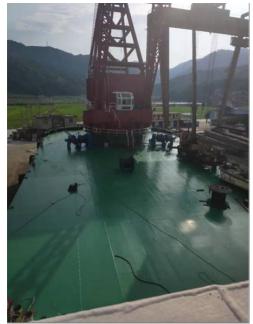
AUX. HOOK length 78 m, main hook length 66 M





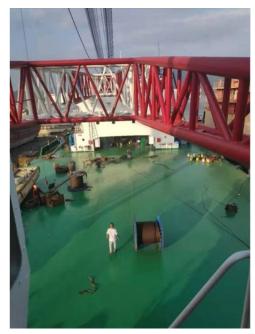
















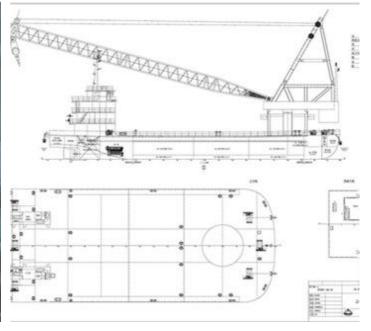












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