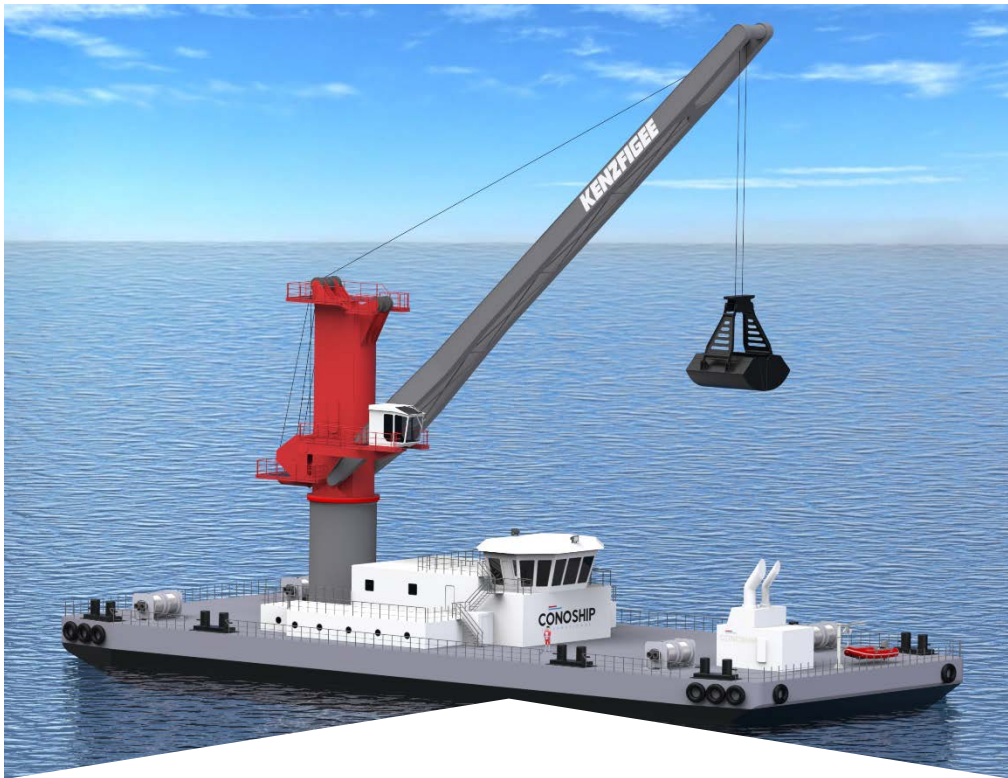


CRANE BARGE SPECIFICATION



©KenzFiguee 2020_Bulkbuster_Crane-Barge-Combination

High Capacity Heavy Duty Derrick Crane Barge Combination

SPECIALLY DESIGNED FOR FLOATING TRANSSHIPMENT OPERATIONS IN HARBOR & COASTAL WATERS

Two ambitious and innovative companies each experienced in their own field of expertise; Conoship International (ship design and engineering) and KenzFiguee (cranes & offshore equipment design and manufacturing) have teamed up to offer a cost efficient transshipment crane barge combination to meet the specific needs of the dry bulk & break bulk transshipment market.

The Conoship designed transshipment barge provides a safe & efficient vessel for worldwide operation in harbors, inland and coastal waters. The tailor-made design ensures 360° visibility from the office/control room amidships in accordance with ILO-MLC 2006 regulations. The design guarantees easy access for maintenance of all equipment and structural items whilst providing maximum comfort in modern, durable living quarters and work spaces.

The newly designed KenzFiguee Bulkbuster™ level luffing transshipment crane for floating applications in harbor and/or coastal waters, offers high speed transshipment capacity with excellent seaway conditions. The development of the Bulkbuster™ is a result of years of experience and practical know-how of the very popular Lemniscate floating crane and our quality offshore cranes. Designed for low maintenance because of its long components lifespan the Bulkbuster™ is the cost efficient solution.

An efficient & environmental transshipment solution with the right balance between operational and capital costs!

For more information please contact: Robert de Rijcke at KenzFiguee, email: r.derijcke@kenzfigee.com

CRANE PERFORMANCE

Technical specification	
Hoisting capacity	45 t
Max hoisting speed @ max SWL	60 (m/min) full grab 180 (m/min) empty grab
Slewing speed	up to 1.5 rpm
Slewing range (continuous)	360°
Transshipment capacity	up to 1,000 t p/hour
Luffing time	50 sec minimum to maximum
Outreach	12-44 m
Maximum heel/trim	3°/2° or 2°/3°
Cycles	Up to 2 000 000 cycles (U7/Q4/A8)

ENVIRONMENTAL CONDITIONS

Operational temperature	-20° C to +45° C
Design wind speeds	SWH 2.0 m in coastal conditions
Sailing conditions	Max SWH 3.0 m
Relative humidity	Up to 100%

CLASSIFICATION

Classification	According to FEM 1.001
Crane	Up to 2 000 000 cycles (U7/Q4/A8)
Hoisting	Up to 12 500 running hours (T6/L3/M7)
Luffing	Up to 12 500 running hours (T6/L4/M8)
Slewing	Up to 25 000 running hours (T7/L2/M7)
Slewing bearing	>50 000 running hours (T9/L3/M8)

BARGE DIMENSIONS

Length overall x Breadth moulded	57.80 x 23.50 m
Depth to main deck	4.50 m
Draught design	2.70 m
Working deck area	800 m ²
Design load working deck	10.0 t/m ²
Gross tonnage	3,000 t

TANK CAPACITY

Fuel oil (MGO)	± 220 m ³
Ballast water	± 1,200 m ³
Potable water	± 135 m ³
Sewage	± 65 m ³
Lubrication oil	± 10 m ³
Dirty oil / sludge	± 10 m ³
Bilge water	± 10 m ³

AUXILIARY EQUIPMENT

Main diesel generator	2,095 bkW
Auxiliary diesel generator	85 bkW
Shore connection (UPS)	440V, 50 Hz
Working deck area	
Design load working deck	

DECK LAY-OUT

Anchor system foredeck	Two (2)
Anchor system aft deck	One (1)
Towing brackets	Three (3)
Fender system	Rubber / Roller
Life rafts	Two (2)
Workboats	One (1)
Deck covering (wood)	95 m ²

ACCOMMODATION

Complement	25 persons
Cabins	One (1) single
	Twelve (12) double

NAUTICAL & COMMUNICATION EQUIPMENT

SOLAS requirements	
One (1) man bridge operation	

