

"Today millions of cubic meters are moved by products which are developed, produced and maintained by Breeman International Supplies".

Cutter suction dredger BC650



Type :	BC650
Length:	36,8 meter
Width pontoons :	10.5 meter
Height pontoons :	3 meter
Depth :	1,6 meter
Suction pipe diameter :	650 mm
Discharge pipe diameter:	600 mm

This vessel has a dredge pump of type BSHH-50.31-4L.
 This pump is driven by a Caterpillar diesel engine 3512 DITA 1800 generator.
 Maximum dredging depth is 18 meter.
 Cutter power is 300 kW.

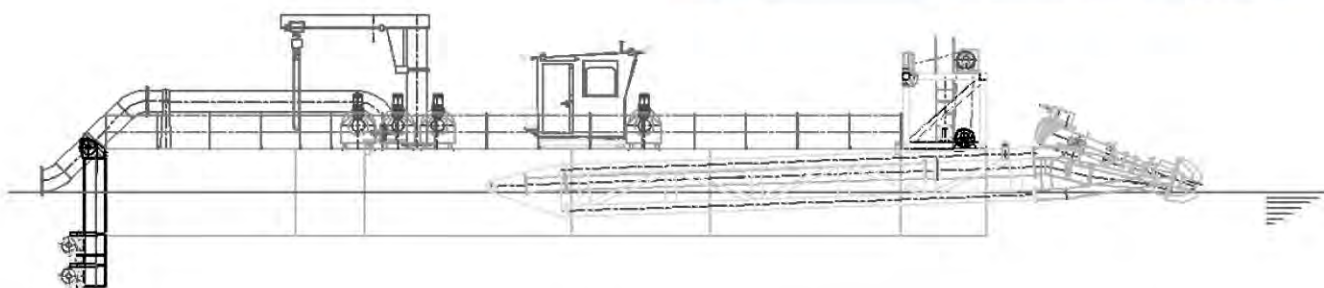


Breeman International Supplies

Breeman International Supplies delivers a wide range of unique standard products, with the quality label "A BREEMAN PRODUCT". These innovative standard products are highly appreciated and wanted, both national as well as international, for their practical applicability, reliability and durability.

Cutter suction dredger BC650

The BC650 is known for its robust construction reliable performance. The current range of demountable cutter suction dredgers with power outputs ranging from 300 to 2000 horse power. The hull consists of five pontoons. All parts are dimensioned to allow transportation by road, rail or sea.



Various components are mounted in or on the main pontoon, including the cutter ladder, the two ladder actuator rams, control cabin, dredge pump, diesel engines and auxiliary power units, discharge line and the spuds with their actuator rams. The cutter and swing winches, mounted on the ladder, are powered by piston-type hydraulic motors.

Quality by people

Breeman International Supplies
Krommedijk 10
3214 LH Zuidland
PO Box 46, 3214 ZG Zuidland
Tel: +31 181 451166
Fax: +31 181 452858

Internet:
www.breeman.nl
www.breemanchina.com
E-mail:
info@breeman.nl

Shanghai Representative Office
Room 1812, Silver Centre
No. 1388, Shan Xi Road North
Shanghai, P.R. China, 200060
Tel: +86 21 61498329
Fax: +86 21 61498001



Breeman International Supplies delivers a wide range of unique standard products, with the quality label "A BREEMAN PRODUCT". These innovative standard products are highly appreciated and wanted, both national as well as international, for their practical applicability, reliability and durability.

Technical Specification

Dredge pump

Type : BSHH-50.31-4L
Power: 1350 kW

Dredge pump driven via combined pump block/reduction gearbox.

Cutter

Type: BC1700-5NR
Diameter: 1700mm
Speed: 15, 27, 34 rev/min

Engine installation

Generator set: Caterpillar 3512 DITA 1800 generator
Auxiliary engine: Caterpillar DITA 3412

Electrical installation

Voltage: 24 V
Capacity: 400 Ah

Winches

Hauling speed: 20 m/s
Pull on 1st layer: 200 kN
Wire diameter: 32 mm

Spuds

Length: 22 m
Diameter: 711 mm
Weight: 7130 kg

Swing width with 35°

At max. dredging depth: 18 m

Deck crane

Lifting power: 3500kg

Tools

Special tools are supplied for maintenance of dredgepump and diesel engine

Optional equipment

Anchor booms
Spud carriage
Increased dredging depth
Swivel bend
Non-return valve
Production measuring equipment
Air conditioning



Quality by people

Breeman International Supplies
Krommedijk 10
3214 LH Zuidland
PO Box 46, 3214 ZG Zuidland
Tel: +31 181 451166
Fax: +31 181 452858

Internet:
www.breeman.nl
www.breemanchina.com
E-mail:
info@breeman.nl

Shanghai Representative Office
Room 1812, Silver Centre
No. 1388, Shan Xi Road North
Shanghai, P.R. China, 200060
Tel: +86 21 61498329
Fax: +86 21 61498001