

# ISKES



TOWAGE & SALVAGE



## Shoalbuster

### "BEVER"

**70 ton Bollard Pull**  
**5150 bhp**

# BEVER

#### GENERAL INFORMATION

Year build: 2010  
Design: Damen Shoalbuster3612  
Bollard Pull: 70 ton  
GRT: 607 tons  
Class: DNV-GL  
Flag: The Netherlands  
Call sign: PDAA  
IMO: 9492256  
MMSI: 244536000  
Port of registry: IJmuiden  
Accommodation: 8 beds

#### TOWING EQUIPMENT

Anchor handling/  
towing winch: Riddinkhof 50 tons (m)  
@10 m/min (pull)  
100 tons (m)  
@ 5 m/min (anchor)  
125/130 tons (m)  
holding power  
Wires:  
Sea wire: 1× 1.000 m, 56 mm  
Spare wire: 1× 1.000 m, 56 mm  
Work wire: 1× 80 m, 48 mm

#### DECK EQUIPMENT

Anchor winch: Ridderinkhof,  
hydraulically driven  
Deck crane: Heila HLRM 170-ASL,  
7.9 ton (m) @ 15.95 m  
Towing pins: 1× Karm Fork,  
SWL 200 ton  
Tugger winch: 1× 8 ton  
Capstan: 1× 5 ton  
Stern roller: Diameter 2m,  
Length 5 m,  
SWL 100 ton  
Deck space: 82 m<sup>2</sup>

#### BRIDGE EQUIPMENT

Searchlight: 2× Pesch 1000W  
Radar: 2× Furuno FAR-2117  
Magnetic compass: 1× Magnetic  
Gyro compass: 1× Anschuetz 22 compact  
Echosounder: 1× Furuno FE-700  
Speedlog: 1× Furuno DS-80  
GPS: 1× Furuno GP-90  
Chart System: Dual ECDIS System,  
Transas Premium  
Autopilot: 1× Radio Zeeland Seapilot 75  
VHF radio telephone: 3× Sailor RT5022 25 Watts  
VHF handheld: 2× Jotron TR20  
Navtex: 1× Furuno NX-700-A  
SSB: 1× Sailor, HC 4500  
Inmarsat C: C 1× SP Radio H-2095C  
VSAT: Sailor 800  
AIS: 1× Furuno FA-150  
Ship security alert system: 1× TT3000SSA  
Watch alarm: 1× Marble 421  
Intercom: RZ Delta 700  
Entertainment system: 1× Naval, MK22CA  
1× Sea Tel, 1898SL

#### MAIN DIMENSIONS

Length o.a.: 36.50 m  
Beam moulded: 11.60 m  
Beam extr. (+ fend.): 11.60 m  
Depth, moulded: 5.25 m  
Draught aft: 4.22 m  
Air draft: 20.00 m  
Air draft: 14.00 m  
(collapsible mast)

#### ENGINES / PROPULSION

Type of propulsion: 2× Promarin fixed pitch propellers  
Diameter: 2× 2700mm v.d. Giessen optima nozzles  
Main engines: 2× Caterpillar Type 3516B TA/HD B  
Total power: 3840 bkW (5150 bhp) @ 1600 rpm  
Gearboxes: 2× Reintjes WAF 873/7.455:1  
Auxiliary engines: 2× Caterpillar Type C-09 TA 269  
1 set with air cooling;  
2× 150 kVA, 50 Hz, 230/400V  
Hydraulic power: 1× Caterpillar C18 TA  
Capacity: 448 kW @ 1800 rpm  
Transfer pumps  
for fuel oil: VWSI 8020, 50m<sup>3</sup>/h @ 4.8 bar  
Fuel oil separator: Alfa Laval MAB 104  
Bow thruster: 1× 1020mm, Kalkman 400Hp  
Speed: 12 kn

#### BUNKER CAPACITY

Gasoil - 360.000 ltr.  
Fresh water - 42.000 ltr.  
Sewage - 23.600 ltr.  
Lub. oil - 4.400 ltr.  
Dirty oil - 4.400 ltr.  
Hydraulic oil - 3.700 ltr.  
Bilge water - 3.700 ltr.