



J. JOHANNSEN & SOHN
EST. 1896

J. Johannsen & Sohn
Headoffice
Schuppen 10/11
Hafenstr. 1a
D-23568 Lübeck

24h: +49 (0)451 - 408810
info@johannsen-towage.com
www.johannsen-towage.com



FLEET SPECIFICATION SHEET

CARL

ASD-Tug with 52 t Bollard Pull
Port
Terminal
Salvage
Offshore Activities

Class: DNV GL 1A1 TUG EO
Year Built: 1995
Design/Yard: East Isle Shipyard, Canada
Flag: German
Port of Registry: Lübeck
IMO No.: 9112739

Phone: +49 176 47853606
Email: tug-carl@johannsen-towage.com
Call Sign: D K E Y
MMSI: 211 749 880

Main Dimensions

GT:	397
Length.o.a.:	30,80m
Breadth moulded:	11,14m
Depth:	5,21m
Draft max.:	4,80m
Draft operational:	4,80m
Air draft:	17m

Engines / Propulsion

Propulsion: 2 x Aquamaster Z-Drives (US 1701/3250)
Bow Thruster: 1 x Mjasundet S-150 180 HK
Main Engines: 2 x Caterpillar 3516TA, 2x 1.493 kW
Gensets: 2 x Caterpillar, 3306 DITA, 2x165 kW,
Electr. System: 440 V / 110 V - 60 Hz

Safety / Rescue

Fire Fighting Equipment:
Firepumps: 1 x 800 m³/h at 15 bar
Firemonitors: 2 x 6666 l/min. Thrownlength 85m
Other: Protection Equipment
Lifesaving appliances for 8 persons (LSA approved)
1 Rescue Boat
2 x 12 Pax Life Rafts

Towing / Deck Equipment

Forecastle:
Towing winch Burrard Iron Works model HF
Single drum auto spooling, break force: 108 t
150m sythetic line,

Speed / Consumption

Speed 100% MCR	13 knots
MGO at 10knots:	abt. 280 l / h
MGO at 9 knots:	abt. 240 l / h

Bridge Equipment

GMDSS A1 / A2
AIS
2 Radars
DGPS
1 x MF / HF
2 x VHF
2 x mobile VHF
Mobile GSM Phone
Gyro / Sat. Compass
ECDIS
Navtex
Echo Sounder
Auto Pilot
2 x Searchlights
BMWS 800

Working Deck:

Towing winch Ridderinkhof TW-E-316-97-8107 single drum auto spooling, break force: 109 t, 1 x 900m wire, ø 48mm,
Capstan, hydr. Towing pin (40t), Double Bollards.
Deck Crane: 1 x 11,6m Tm, Type Palfinger

Capacities

Marine Gas Oil:	224 m ³
POT Water:	36 m ³
Ballast Water:	33 m ³

Accommodation:
4 Cabins (2 x single, 2 x double)
6 Berths

Diverse additional towing equipment:
Certified chains, bridle, shackles, hawsers, spare wires, dyneema wires, pennants, mobile navigation lights for towages and salvage operations.

