



J. Johannsen & Sohn
Seeschlepp und -transport GmbH

Classifikation Germanischer Lloyd
✘ 100A5 M E1 TUG
✘ MC E1 AUT

Call Sign D K Q P

IMO Number 940 86 45

Main Characteristics:

Tug with two fixed pitch Azimuth thrusters

Equipped for restricted operation

Suitable to operate with min. 3 men in port or max. 8 men offshore.

Main Dimensions:

Length o. a.	32,05	m
Length WL	30,67	m
Breadth moulded	11,00	m
Breadth o. a.	11,64	m
Depth	5,95	m
Draught max.	4,95	m
Gross Tonnage	448	GT
Bollard Pull	64,14	t
Speed (100% MCR)	12,7	kn
Cruising range (11,5 kn) abt.	2.800	nm
Accommodation:		
5 cabins (2 x single +3 x double (1+1)),		
1 lavatory + 2 separate WC-rooms		
1 mess,		
1 galley with provision storage		
1 changing room with washing mach. / dryer		

Machinery / Ship's Equipment

2 main engines, ABC, 2 x 1.850 kW / 1.000 rpm
running on gas oil
2 Schottel azimuth thrusters, SRP 1515
Fixed pitch ($D_{Prop}=2.600$ mm)
2 gensets ca.. 2 x 150 kVA / 1.500 rpm, for gas oil
Electr. system 400 V / 231 V - 50 Hz, 24 V DC
1 oil fired boiler for heating / WW abt. 125 kW
1 sewage treatment plant
2 starting air compressors, 21 m³/h, 30 bar
1 MOB with davit
2 life rafts.

Navigation and Communication Equipment

1 radar, 1 river radar,
1 gyro compass, 1 autopilot,
GMDSS A1+A2, ECDIS,
1 DGPS, 1 echo sounder, 1 speed log,
Navtex, AIS etc.

"CLAUS"

ASD-Tug with 64 t Bollard Pull

Harbour Assistance – Salvage – Offshore Activities

Delivered 12/2006 at Lindenau Shipyard, Kiel, Germany



Towing Equipment

Forecastle:

1 hydr. anchor / tugger winch with double drum
2 x 130 m Magnum Winchline, Ø 72 mm
Brake load / lines: 1860 kN

Working deck:

1 hydr. tugger winch with double drum,
2 x 100 m, Ø 52 mm
1 splitted towing winch,
harbour part, Ø 72 mm, Magn. Winchline 130m
sea part, Ø 48 mm wire 750 m
break load 1860 kN
nom. pull 35 t
1 vertikal capstan 10 t
1 towing bollard, A-shape
1 disc type towing hook, 65 t SWL
with quick release
4 double bollards