



DAMEN FLOATING PUMP STATION® 3710

SAUGER III

GENERAL

YARD NUMBER	571729 (Damen Shipyards Hardinxveld)
DELIVERY DATE	17/05/2016
BASIC FUNCTIONS	Pump Station
CLASSIFICATION	DNV-GL ✳ 100 A5 IN (0,6) Dredger
NAT. AUTHORITIES	SUK Schwimmendes Gerät zone 2,3,4
FLAG	Germany
OWNER	Hamburg Port Authority (HPA)

DIMENSIONS

LENGTH	37.00	m
BEAM	10.00	m
DEPTH AT SIDES	4.00	m
DRAUGHT	2.00	m
DISPLACEMENT	710	ton(m)

TANK CAPACITIES

FUEL OIL	4.1	m ³
FRESH WATER	16.0	m ³
HEATER OIL	4.0	m ³
SEWAGE	16.0	m ³
BALLAST TANKS	148.3	m ³

PERFORMANCES (APPROX.)

DREDGE PUMP (HPA)	6800	m ³ /h – 5 bar
JET PUMP (BP7570 LD)	8000	m ³ /h – 1.5 bar

ENGINES

ENGINE DREDGE PUMP	WEG MGW 710L – electrically driven
POWER	1950 bkW at 375 rpm
COUPLING DREDGE PUMP	Reich MMD 10000 WK
ENGINE JET PUMP	WEG MGW 560L – electrically driven
POWER	425 bkW at 245 rpm
COUPLING JET PUMP	Reich MMD 4000 WK
JET THRUSTER	132 bkW – 690V 300 m ³ /h – 10 bar

AUXILIARY EQUIPMENT

GENERATOR SET	Deutz BF6M1013MC with 130 kVA Stamford Generator.
SHORE CONNECTION	Normally powered from shore connection with 690V and 400V

DECK LAY-OUT

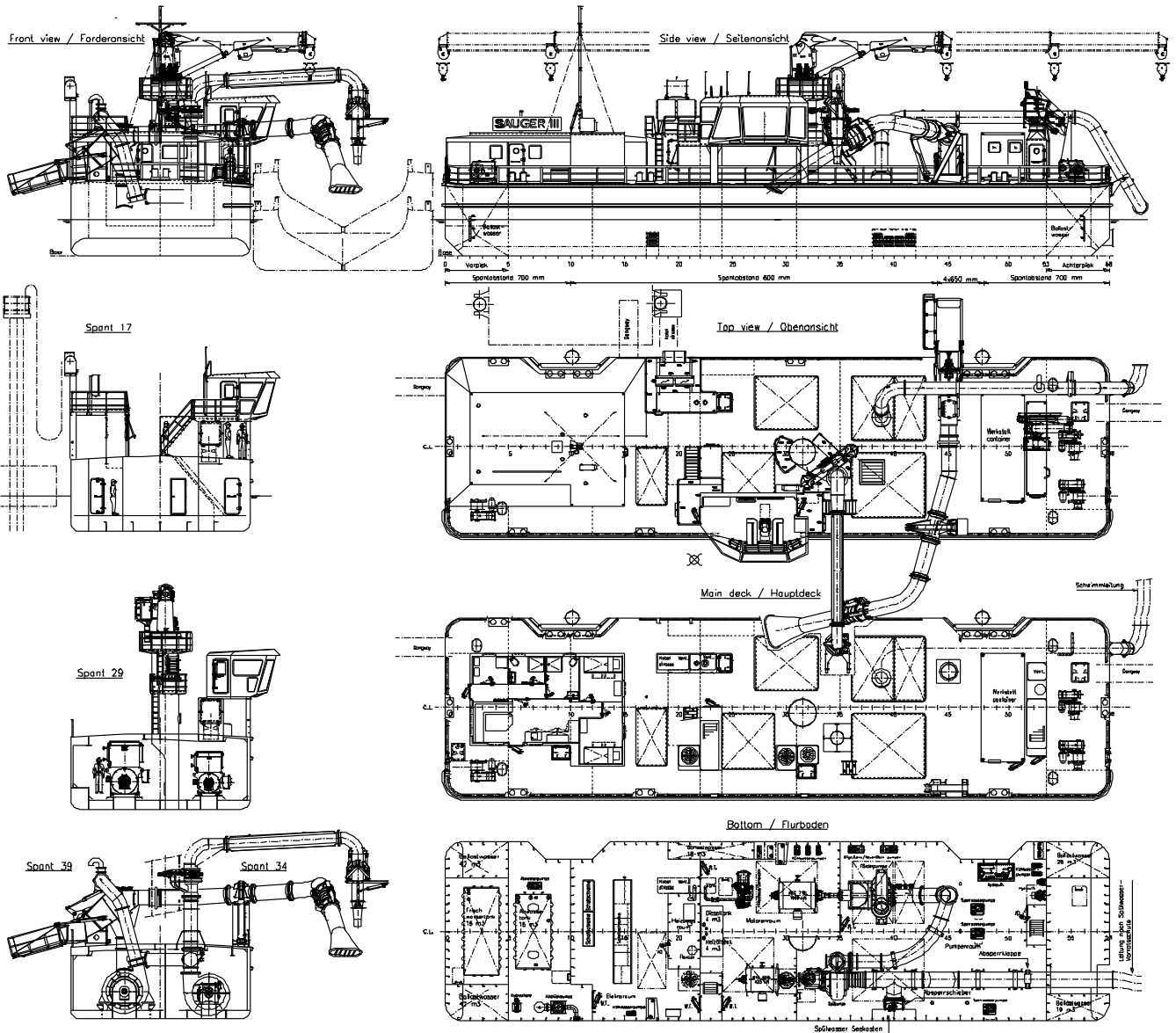
ANCHOR (TRANSPORT)	1x 272 kg Pool TW (SHHP)
ANCHOR WINCH	1x Electrically driven, Kraaijeveld KAB-5-E-TR
DECK CRANES	1x Palfinger PTM1550A RW, 5.0T @ 20.0m and 15.0T @ 2.0-8.0m 1x Palfinger PK40002MD, 2.2T @ 14.0m
MOORING WINCHES	2x Kraaijeveld KAEH-S-TR with CT modus 60kN at 0-10 m/min, 60kN at 0-20 m/min, 20kN at 0-60 m/min
STONECHEST	Hydraulically operated stonechest

ACCOMMODATION

Comfortable heated and air-conditioned accommodation for 4 persons in galley, sanitary facilities, etc.

NAUTICAL AND COMMUNICATION EQUIPMENT

INTERCOM	1x Zenitel ETBS
VHF	1x Sailor, RT2048
CAMERA SYSTEM	1x Orlaco with 4x ccc camera and guard selector
ANTENNA SYSTEM	1x RR Delta 32m



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DAMEN SHIPYARDS HARDINXVELD

Member of the DAMEN SHIPYARDS GROUP



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