GENERAL

TYPICAL APPLICATIONS
Deck Cargo, RoRo Cargo
Deep sea, Coastal waters, Harbours, Inland waters
Lloyd’s Register + 100 AT Pontoon IWS for non-propelled and unmanned vessels

TYPICAL AREA OF OPERATION
Deep sea, Coastal waters, Harbours, Inland waters

CLASSIFICATION
Lloyd’s Register + 100 AT Pontoon IWS for non-propelled and unmanned vessels

DIMENSIONS
SPo9127
LENGTH MOULDED 91,50 m
BEAM MOULDED 27,40 m
DEPTH MOULDED 6,10 m
DRAUGHT MAX 4,90 m
FREE DECK SPACE 2.490 m²
DEADWEIGHT MAX 9.800 ton

CAPACITIES
DECK LOAD
20 ton/m²
17 pcs. : 13.751 m³
20 mm extra heavy deck

BALLAST TANKS
17 pcs. : 13.751 m³

DECK THICKNESS
20 mm extra heavy deck

ARRANGEMENT
PUMP ROOM
On starboard the pump room with manifold is located with all preparations for plug and play installation of optional equipment. On portside a lashing store is located for storing equipment.

LASHING STORE
All spaces are provided with double exits

LIFE SAVING
2 lifebuoys
3 fire extinguishers

DESIGN CONDITIONS
SEA WATER TEMPERATURE
0° to +35° C
OUTSIDE AIR TEMPERATURE
-5° to +45° C

STANDARD EXECUTION

BALLAST SYSTEM
Ballast lines DN 250 to all tanks

TOWING BRACKETS
One on PS and one on SB at foredeck

FAI LEADS
At the foreside of the towing brackets

BOILERS
6 pcs. standard, insert plates at every section

DRAUGHT MARKS
At fore, mid and aft on PS and SB every 20 cm

BOAR DING LADDERS
2 on SB and 2 on PS in recesses of the hull

CATHODIC PROTECTION
Gas-spring hatch on coming and easy escape manhole for pump room and lashing store

MANHOLES
Both pump room and lashing store have a large flush-bolted hatch

ENTRY / ESCAPE
Four lifting eyes flush with main deck and covered with bolted steel plates to lift the pontoon

EMERGENCY TOWING PIN
1 pc. flush mounted in the bow

RAMP RECESS
RoRo ramp recess at bow (10 x 1.5m) and stern (14 x 1.5m)

LIFTING EYES
Four lifting eyes flush with main deck and covered with bolted steel plates to lift the pontoon

OPTIONAL EQUIPMENT (PLUG AND PLAY)

BALLAST PUMP
Two 400 m³/h ballast pump

DE-AERATION CAPS
Standard de-aeration caps for all tanks

GENERATOR SET
Caterpillar C4.4, 94 ekW

FENDERING
Tyre fender system

EMERGENCY TOWING PIN
Chains and towing bridle

RECOVERY WINCH
Emergency towing wire with buoy

NAVIGATION LIGHTING
At the bow for retrieval of towing bridle

ANTI-FOULING
Navigation lights according to the standard for international towage

RAILING
Anti-fouling paint system

RAMP PANELS
Removable stanchions with wire guard rails

ANCHOR / MOORING SYSTEM
1.5 meter width and 12 meter length

ANCHOR
On foreship one anchor/mooring winch is equipped with warping head, mooring lines, anchor and chains

EMERGENCY ANCHOR
At the stern on sliding ramp

* Mentioned deadweight is calculated and excluding optional equipment
* Picture shows an Artist Impression of a Stan Pontoon B27 with full option package