

MODULAR PONTOONS '6

1. modular containers
20' + 40'
2. bow containers
3. spudcontainers
4. powerpack
5. winches
6. roller fairleads
7. double bollards
8. storage container
9. dragline mats
10. work lights
11. MOB
12. fenders
13. split hopper
barge 335 m3
14. workboat



Main Specifications

Pre-tensioning	350 kN, (10kN = 1 ton)
Tensile stress	400 kN, tested by GL 280 kN, maximum admissible 200 kN, maximum recommended because of strength construction
Shear stress	35 kN, maximum admissible
Per coupling side	Tensile stress: $x * 200$ kN Shear stress: $x * 35$ kN (by use of x couplings each side)

M30 coupling Description

System The Confloat coupling system comprises separate components installed in the pontoons.

Coupling Composition "Bolt & Nut" connection: high-grade bolt, guide sleeve, and nut.

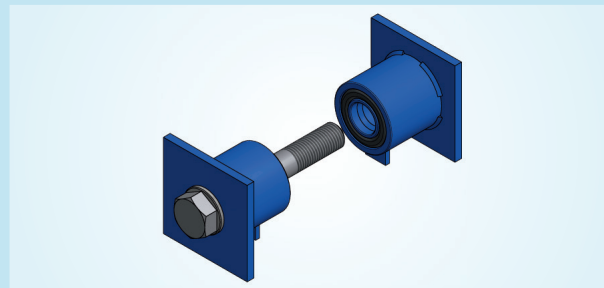
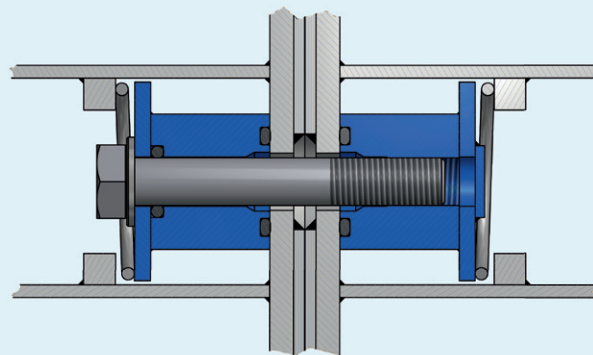
Configuration Male and female components pre-mounted to containers based on a predefined setup.

Assembly Process

1. Onshore preparation: installation of coupling components in pontoons.
2. During assembly: bolts are aligned and tightened with an impact wrench.

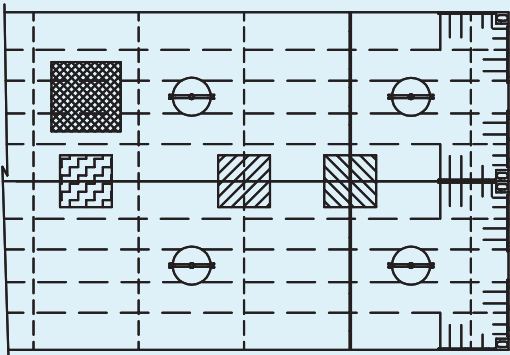
Pre-Tensioning Each bolt is pre-tensioned using a pneumatic torque wrench set to 350 kN.

Benefits Shock-proof, virtually seamless assembly.
Resistance to high dynamic loads.



Baars recommends using dragline mats with a minimum thickness of 15 cm. These mats are designed for intensive, frequent heavy loads. It can support a minimum deckload of up to 20 ton per m² of the entire pontoon.

Type of Reinforcement	Strength (tons)	Area (m ²)	Location Description
Minimum Deck Load 	6-10	per m ²	Baars Confloat pontoons: Types 4', 6', 8' rated at 6 tons/m ² ; Type 9.5' rated at 10 tons/m ²
Type 1 	30	0.5x0.5	Regular coupling line
Type 2 	50	0.5x0.5	Coupling line, supported by transverse web frames
Type 3 	60	0.5x0.5	Coupling line supported by transverse watertight bulkheads



Overview deckload capacity Confloat Container Pontoons



Modular Pontoon 6' - 20' Standard

request for quotation >

Activities dredging, drilling, piling, jacking and mooring

Main Specifications

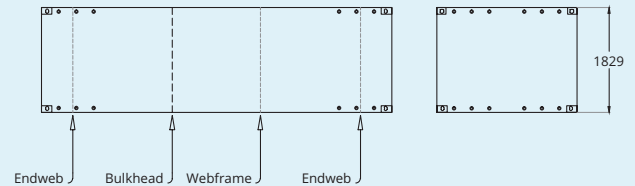
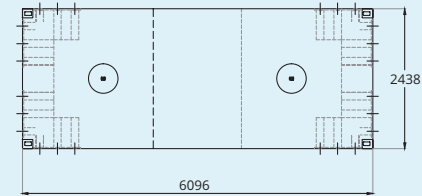
Length	6.10 m (20')
Breadth	2.44 m (8')
Depth	1.83 m (6')
Deck load	6 ton/m ²
Number of water-tight compartments	2
Weight	6.300 kg

Service

Engineering	project specific requirements
Transport	by truck, containervessel, towing
Assembly	on project location or shipyard Baars
Operational	assistance on project location

Classification

Hull Certification	inland and seagoing
Operating area	river, port, lake and coastal area



Modular Pontoon 6' - 20' Cylinder Spud

request for quotation >

Activities dredging, drilling, piling, jacking and mooring

Main Specifications

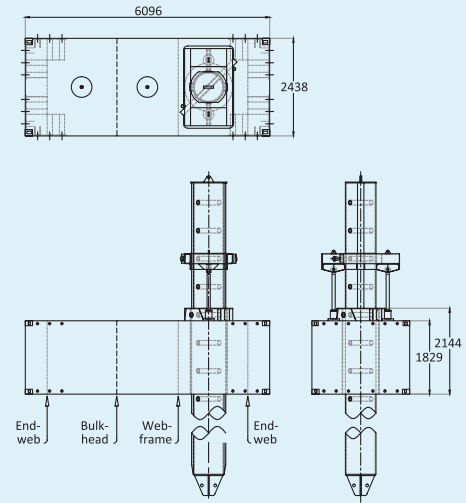
Length	6.10 m (20')
Breadth	2.44 m (8')
Depth	1.83 m (6')
Deck load	6 ton/m ²
Number of water-tight compartments	2
Spud system	hydraulic cylinder
Spud leg diameter	762 mm
Weight	9.400 kg

Service

Engineering	project specific requirements
Transport	by truck, containervessel, towing
Assembly	on project location or shipyard Baars
Operational	assistance on project location

Classification

Hull Certification	inland and seagoing
Operating area	river, port, lake and coastal area



Modular Pontoon 6' - 20' Wire Spud

request for quotation >

Activities dredging, drilling, piling, jacking and mooring

Main Specifications

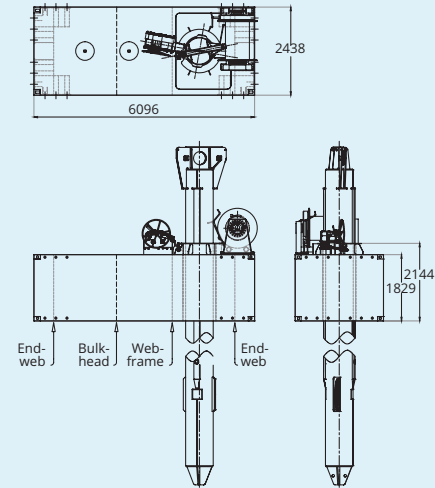
Length	6.10 m (20')
Breadth	2.44 m (8')
Depth	1.83 m (6')
Deck load	6 ton/m ²
Number of water-tight compartments	1
Spud system	hydraulic winch
Spud leg diameter	762 mm
Weight	8.800 kg

Service

Engineering	project specific requirements
Transport	by truck, containervessel, towing
Assembly	on project location or shipyard Baars
Operational	assistance on project location

Classification

Hull Certification	inland and seagoing
Operating area	river, port, lake and coastal area



Modular Pontoon 6' - 40' Standard

request for quotation >

Activities dredging, drilling, piling, jacking and mooring

Main Specifications

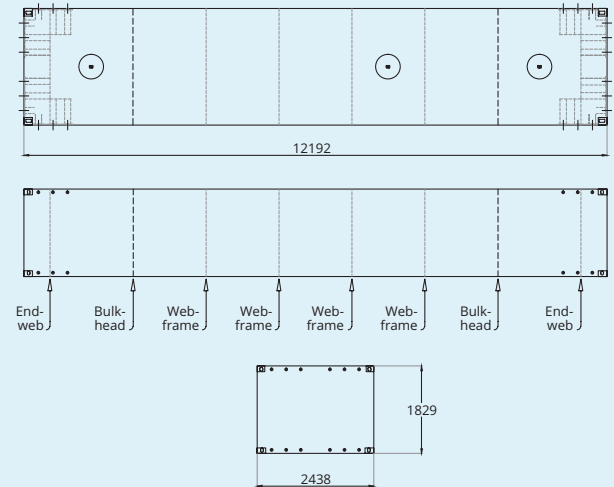
Length	12.19 m (40')
Breadth	2.44 m (8')
Depth	1.83 m (6')
Deck load	6 ton/m ²
Number of water-tight compartments	3
Weight	11.200 kg

Service

Engineering	project specific requirements
Transport	by truck, containervessel, towing
Assembly	on project location or shipyard Baars
Operational	assistance on project location

Classification

Hull Certification	inland and seagoing
Operating area	river, port, lake and coastal area



Modular Pontoon 6' - Bow Elements

request for quotation >

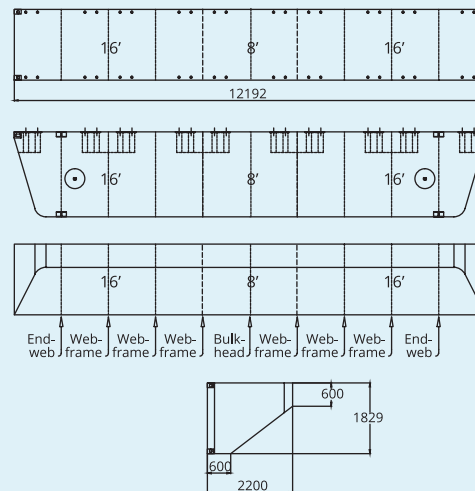
Activities dredging, drilling, piling, jacking and mooring

Main Specifications

Length - weight	2.44 m (8')	-	2.600 kg
	4.88 m (16')	-	4.300 kg
	7.32 m (24')	-	5.900 kg
	12.19 m (40')	-	9.300 kg
Breadth	2.44 m (8')		
	2.20 m (7,2')		
Depth	1.83 m (6')		

Service

Engineering	project specific requirements
Transport	by truck, containervessel, towing
Assembly	on project location or shipyard Baars
Operational	assistance on project location



Rubicon modular dredging pontoon 39x14

request for quotation >

Activities dredging, drilling, piling, jacking and mooring

Main Specifications

Length	39.01 m
Breadth	14.63 m
Depth	1.83 m
Draught	0.7 m
Deck load per m ²	6 ton
Spudlegs	2+1 walking spudleg

Crane

Max Weight	130 ton
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Service

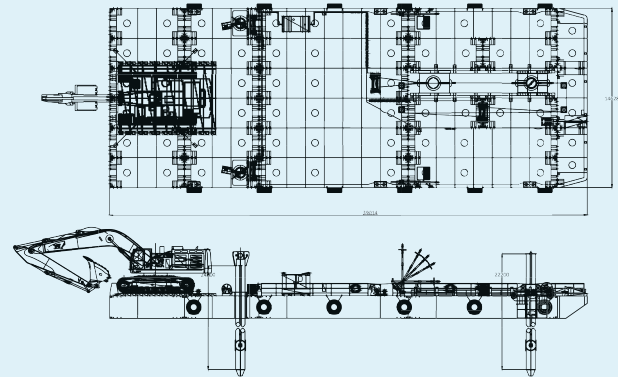
Engineering	project specific requirements
Transport	by truck, containervessel, towing
Assembly	on project location or shipyard Baars
Operational	assistance on project location

Classification

Hull Certification	inland
Operating area	river, port, lake and coastal area

Options

- ✓ Dragline mats/fenders
- ✓ Accomodation unit & storage container(s) & fuel tank
- ✓ Work lights & Generator, solar panels
- ✓ Life Saving equipment & railing
- ✓ Generator, **solar panels, hydraulic bio-oil**



Seyssel modular dredging pontoon 29x11

request for quotation >

Activities dredging, drilling, piling, jacking and mooring

Main Specifications

Length	29.02 m
Breadth	10.97 m
Depth	1.83 m
Draught	0.72 m
Deck load per m ²	6 ton
Spudlegs	2

Crane

Max Weight	70 ton
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Service

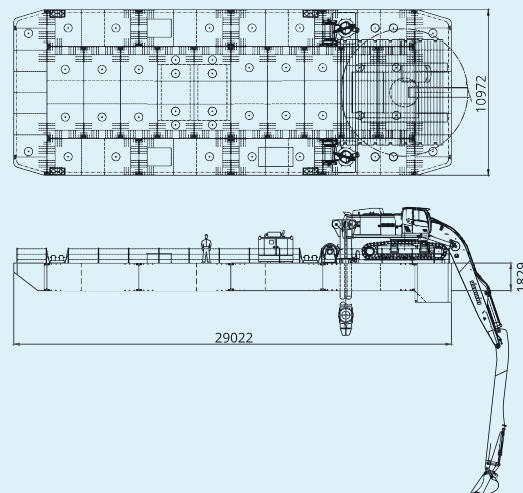
Engineering	project specific requirements
Transport	by truck, containervessel, towing
Assembly	on project location or shipyard Baars
Operational	assistance on project location

Classification

Hull Certification	inland
Operating area	river, port, lake and coastal area

Options

- ✓ Dragline mats/fenders
- ✓ Accomodation unit & storage container(s) & fuel tank
- ✓ Work lights & Generator, solar panels
- ✓ Life Saving equipment & railing
- ✓ Generator, **solar panels, hydraulic bio-oil**



Modular drilling pontoon 36x17

request for quotation >

Activities dredging, drilling, piling, jacking and mooring

Main Specifications

Length	36.58 m
Breadth	17.07 m
Depth	1.83 m
Draught	0.85 m
Deck load per m ²	6 ton
Spudlegs	4

Crane

Max Weight	201 ton
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Service

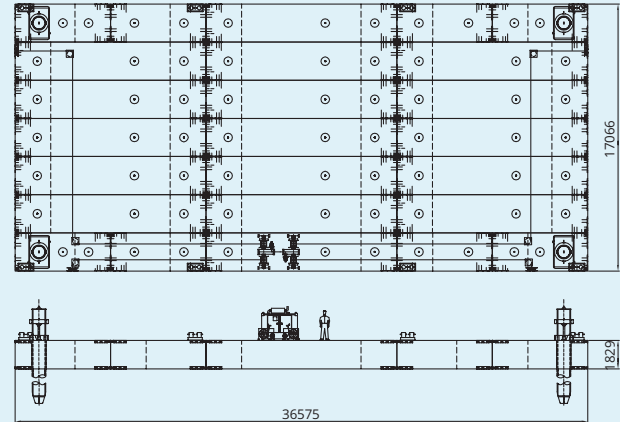
Engineering	project specific requirements
Transport	by truck, containervessel, towing
Assembly	on project location or shipyard Baars
Operational	assistance on project location

Classification

Hull Certification	inland
Operating area	river, port, lake and coastal area

Options

- ✓ Dragline mats/fenders
- ✓ Accomodation unit & storage container(s) & fuel tank
- ✓ Work lights & Generator, solar panels
- ✓ Life Saving equipment & railing
- ✓ Generator, **solar panels, hydraulic bio-oil**



Le Fumay modular piling pontoon 32x12

request for quotation >

Activities dredging, drilling, piling, jacking and mooring

Main Specifications

Length	32.68 m
Breadth	12.19 m
Depth	1.83 m
Draught	0.78 m
Deck load per m ²	6 ton
Spudlegs	2

Crane

Max Weight	100 ton
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Service

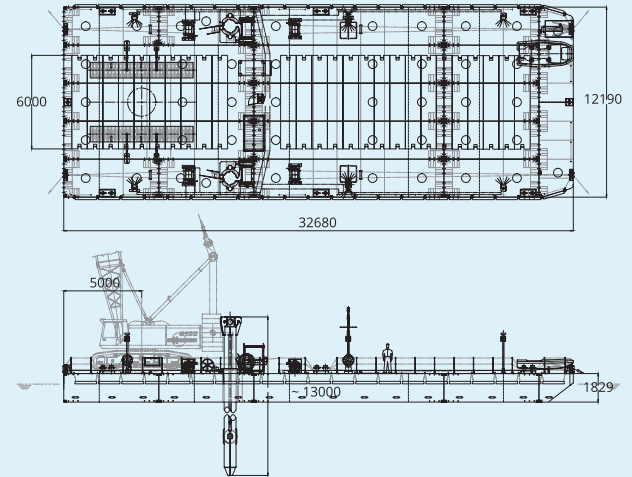
Engineering	project specific requirements
Transport	by truck, container vessel, towing
Assembly	on project location or shipyard Baars
Operational	assistance on project location

Classification

Hull Certification	inland
Operating area	river, port, lake and coastal area

Options

- ✓ Dragline mats/fenders
- ✓ Accomodation unit & storage container(s) & fuel tank
- ✓ Work lights & Generator, solar panels
- ✓ Life Saving equipment & railing
- ✓ Generator, **solar panels, hydraulic bio-oil**



Pushboat Tiger II

request for quotation >

Activities assistance, crew transfer, survey and transport

Main Specifications

Length	8.00 m
Breadth	3.10 m
Min. Draught	0.85 m
Air draught	4.00 m
Free board	0.50 m
Max view height	4.80 m
Speed (empty)	14 km/h
Weight	15 ton
ENI	02335952
Inland Classification	CBB, zone 3,4 + Rhine
Built	2014

Propulsion system:

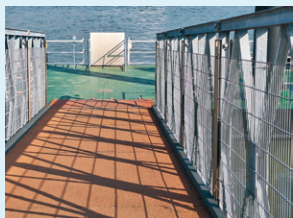
Main engine	180 HP, 132 KW, Doosan L066TIH
Coupling winch	2 pieces electrical
Total power	180 HP
Wheelhouse equipment	toilet, heater



MARINE EQUIPMENT

1. Smit brackets
2. Fenders
3. Gangway
4. Navigation and light mast
5. Railing work
6. Accommodation unit
7. Safety signs on deck
8. Lifting eyes and steel profiles for fastening deck equipment
9. Safety ladder equipment
10. Bollards





Acces ramp



Anodes



Controle unit



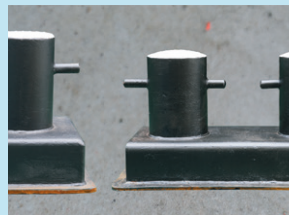
Crane Stop and Securing gear



Boat landing



Boat landing



Double and single Bollards



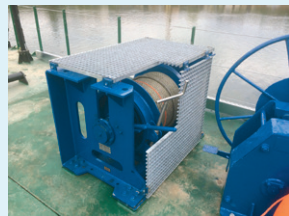
Dragline mats



Boat landing



Coaming



Drum cover



Fender



Fire Extinguisher in case



Floodlight and mast



Hose/Cable cover



Life buoy



Gangway



Guideroller



Life buoy holder



Life saving jackets



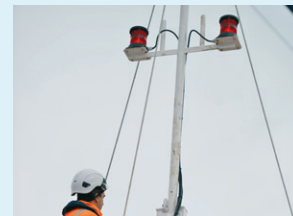
Guideroller for wire 28 mm



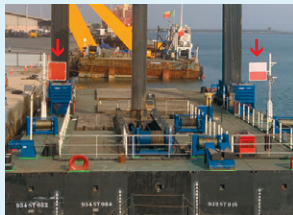
Hand rail & gangway



Mooring Ropes



Navigation Mast



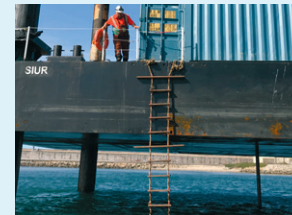
Navigation panels



Panama Chock red



Remote Controlled operations



Safety rope ladder



Powerpack



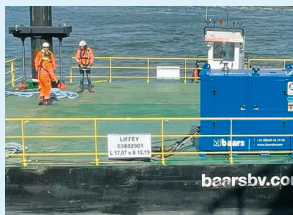
Railing sceptors and steel wire



Safety signs on deck



Securing point



Registration panel



Remote control



Smit Bracket



Solar panels



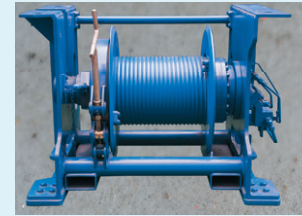
Spudcan



Spudleg ear for pontoons



25 - 40 tons couple winch



7 tons winch



Spudlegs in various lengths



Storage Container & Generator



Work light



Workshop+Accommodation Unit



Toolbox containers



Walking Spudleg System

Dredging pontoons / Dipper pontoons



Drilling pontoons



Piling pontoons



Mooring pontoons / Jetty



Transport pontoon



Service & Storage pontoon

