

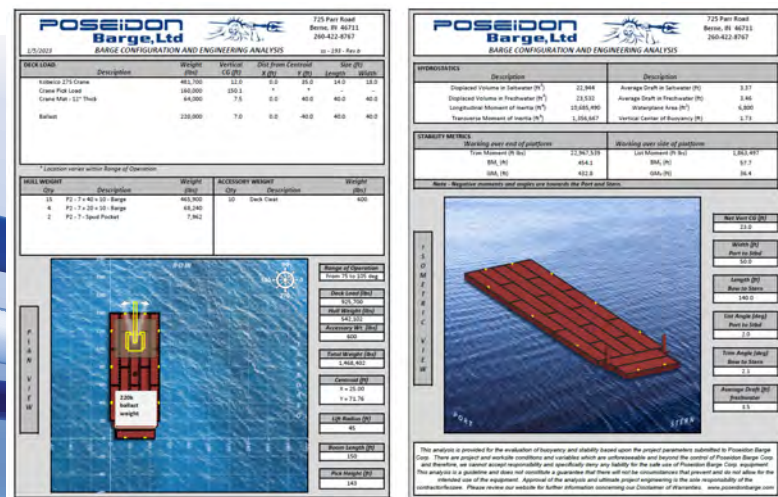
STANDARD SPECIFICATIONS

Every Poseidon Sectional Barge is built with attention to detail and repeated high quality. But what are some of the things that consistently separate our barges from the competition?

- All barge decks built standard with ratings of 5000 PSF distributed load and 25,000 PSF concentrated load capacities
- P2-4N barge decks built standard with 3500 PSF distributed load capacity
- P1-5, P2-5, P10 barge decks built standard with patented heavy duty roll form HSLA steel construction for maximum rigidity and weight efficiency
- P2-4N and P2-7 barge decks built standard with Grade 50 deck plate including raised lug tread pattern for increased traction
- Plate or roll form deck construction can be ordered optionally as a custom fabrication for any barge design
- Standard 18" Diameter Deck Hatches - Easy access, air tight deck hatches allow access to the interior of the barge for inspection and maintenance. This is a critical safety feature satisfying compliance with the OSHA inspection process.
- Interior Rust Inhibitor - The internal void of each barge section is coated with a vegetable based, environmentally friendly coating called Bio-Float.
- Superior Finish - Each barge section is steel grit blasted to a near white metal condition, then coated with a Zinc Rich Urethane Primer and then a premium Low Gloss Aliphatic Polyurea topcoat.
- Topcoat color Poseidon Red standard, optional colors available.
- Extra protection - Zinc Anodes are installed as standard equipment on the exterior of every barge to prevent corrosion. Magnesium or Aluminum anodes also available.
- AWS Certified Weld Inspector team members on staff ensuring consistent quality on all weld joints.
- ISO 9001 Quality System in place with emphasis on Customer Satisfaction and Continuous Improvement in both product and process.

POSEIDON® ENGINEERING

- Basic Stability Analysis performed using Poseidon's proprietary software. Trim, List, Draft, and layout are displayed using inputs provided by the customer. This allows the customer to assess their project knowing how the barge platform will react to the customers actions while floating ' on the platform.



POSEIDON® P4 ISO CONTAINER BARGE

	P4 ISO-40 Section	
Length, Overall	40'-7"	12.4 m
Width, Overall	8'-7"	2.62 m
Height, Overall	9'-6"	2.89 m
Shipping Weight, Approx.	36,300 lbs	16,465 kg
Draft, Unloaded	27"	0.69 m
Draft, Full Load	60"	1.52 m
Payload at Full Load	29.2 tons	26.5 mT

- Made to order for purchase only
- Uses 24" Round Spuds
- The P4 - 9 - ISO Container barges are fabricated to ABS approved plans.
- The units are fabricated with the same outside dimensions of a High Cube shipping container using standardized ISO shipping container corner castings.
- Units are able to be shipped using standard ISO Container shipping equipment via truck, train or by ship saving shipping costs.
- Units are not used for storage.
- Accessories: Spud pocket and float box. See Accessories Brochure for details.



Standard ISO Shipping Container Corner Bracket

ABS

Poseidon® P2-7 40ft and 20ft Barge Sections are built using drawings approved by the American Bureau of Shipping, in accordance with the ABS Rules for Building and Classing Steel Vessels for Service on Rivers and Intercoastal Waterways.

P10 44ft and 22ft Barge Sections, as well as P2-5 40 ft and 20ft Barge Sections, are optionally available to be built using drawings Approved by the American Bureau of Shipping, in accordance with the ABS Rules for Building and Classing Steel Vessels for Service on Rivers and Intercoastal Waterways.

CUSTOM DESIGN ENGINEERING/FABRICATION

In house design engineers can take customer provided information to develop custom solutions. Custom barges or accessories can be designed, approved by the customer, then skillfully fabricated in our facility.



Serving the Heavy Highway & Marine Construction Industry Since 1995

BARGES



POSEIDON® P1 PORTABLE SECTIONAL BARGES

	P1-5-20 Section		P1-5-40 Section	
Length, Overall	20'-1"	6.12 m	40'-1"	12.22 m
Width, Overall	10'-1"	3.07 m	10'-1"	3.07 m
Height, Overall	5'-0"	1.52 m	5'-0"	1.52 m
Shipping Weight, Approx.	12,500 lbs	5,670 kg	23,100 lbs	10,478 kg
Draft, Unloaded	12"	0.30 m	11"	0.28 m
Draft, Full Load	30"	0.76 m	30"	0.76 m
Payload at Full Load	9.0 tons	8.3 mT	19.0 tons	17.2 mT

- 10' x 10' x 5' Rake Sections...6,362 lbs
- 18" Round Spuds
- Handrails, deck cleats, and ladders available
- Accessories: Spud pocket, drill spacer, and ramp. See Accessories Brochure for details.



POSEIDON® P1N-4' PORTABLE SECTIONAL BARGES

	P1N-4-15 Section		P1N-4-30 Section	
Length, Overall	15'-1"	4.60 m	30'-1"	9.17 m
Width, Overall	7'-7"	2.31 m	7'-7"	2.31 m
Height, Overall	4'-0"	1.22 m	4'-0"	1.22 m
Shipping Weight, Approx.	8,100 lbs	3,674 kg	14,700 lbs	6,668 kg
Draft, Unloaded	14"	0.30 m	13"	0.28 m
Draft, Full Load	24"	0.61 m	24"	0.61 m
Payload at Full Load	2.7 tons	2.5 mT	6.3 tons	5.7 mT

- 8'3"x 7'4" x 4' Rake Sections...4,330 lbs
- 18" Round Spuds
- Accessories: Spud pocket. See Accessories Brochure for details.



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 WEBSITE: www.poseidonbarge.com
 STOCK LOCATIONS: Berne, IN • Plain, WI • Houston, TX
 Mt. Airy, NC • Cocoa, FL • Coeymans, NY • St. Louis, MO • Belle Chase, LA • Rio Vista, CA

POSEIDON® P2 PORTABLE SECTIONAL BARGES



POSEIDON® BARGE P2-7' SECTIONAL HOPPER

POSEIDON® P10 PORTABLE SECTIONAL BARGES



POSEIDON® P3 PORTABLE SECTIONAL BARGES

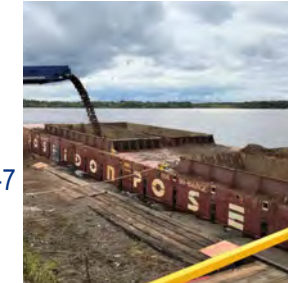
	P2-5-20 Section		P2-5-40 Section	
Length, Overall	20'-4"	6.20 m	40'-4"	12.29 m
Width, Overall	10'-4"	3.15 m	10'-4"	3.15 m
Height, Overall	5'-0"	1.52 m	5'-0"	1.52 m
Shipping Weight, Approx.	12,900 lbs	5,851 kg	23,000 lbs	10,433 kg
Draft, Unloaded	13"	0.33 m	12"	0.30 m
Draft, Full Load	30"	0.76 m	30"	0.76 m
Payload at Full Load	8.9 tons	8.1 mT	18.9 tons	17.1 mT

- 20' x 10' x 5' Ramp Sections...10,750 lbs
- 10' x 10' x 5' Rake Sections.....6,329 lbs
- P2-5 Barge decks can alternatively be fabricated with diamond plate deck material, upon request.
- 18" & 20" Round Spuds
- Handrails, Male to Male connectors, deck cleats, and ladders available
- Accessories: Spud pocket, drill spacer, and bumper. See Accessories Brochure for details.



	P2-7-40 Hopper Section	
Length, Overall	40'-4"	12.29 m
Width, Overall	10'-4"	3.15 m
Height, Overall	8'-6"	2.59 m
Shipping Weight, Approx.	40,850 lbs	18,530 kg
Draft, Unloaded	20"	0.51 m
Draft, Full Load	68"	1.73 m
Payload at Full Load	50 tons	45.3 mT

- 40'0" Long x 10'0" Wide x 8' 5-3/4" Tall Hopper Barge
- Wall and Floor Thickness at 3/8" Thick
- 50 Yard Hopper Box
- Two (2) each —18" deck hatches
- 4" Diameter drain plug
- Four 25t shackles included for 4-point lifting of hopper barge
- Fully compatible with Poseidon P2-7' barges and equipment



	P10-22 Section		P10-44 Section	
Length, Overall	22'-6"	6.81 m	44'-6"	13.6 m
Width, Overall	11'-6"	3.51 m	11'-6"	3.51 m
Height, Overall	10'-0"	3.05 m	10'-0"	3.05 m
Shipping Weight, Approx.	25,400 lbs	11,521 kg	46,800 lbs	21,228 kg
Draft, Unloaded	20"	0.53 m	19"	0.48 m
Draft, Full Load	60"	1.52 m	60"	1.52 m
Payload at Full Load	24.2 tons	22.0 mT	50.6 tons	45.9 mT



- 15' x 11' x 10' Rake Sections....15,100 lbs
- Uses 24" Round Spuds
- Accessories: Spud pocket. See Accessories Brochure for details.



Poseidon® P10-10' Sectional Barges offer Deck Barge Capacity with Sectional Barge Mobility. The Poseidon® P10 Section will float heavier cranes with a smaller area platform.

Poseidon® P10- 44 Sections require triaxle step deck trailers with over width permits.

	P3-5-20 Section		P3-5-40 Section	
Length, Overall	20'-11"	6.38 m	41'-7"	12.67 m
Width, Overall	10'-7"	3.23 m	10'-7"	3.23 m
Height, Overall	5'-0"	1.52 m	5'-0"	1.52 m
Shipping Weight, Approx.	13,119 lbs	5,951 kg	23,904 lbs	10,843 kg
Draft, Unloaded	12"	0.30 m	11"	0.28 m
Draft, Full Load	30"	0.76 m	30"	0.76 m
Payload at Full Load	9.0 tons	8.2 mT	19.6 tons	17.8 mT

- 18" Round Spuds
- Handrails, deck cleats, and ladders available
- Accessories: Spud pocket. See Accessories Brochure for details.



The Poseidon Hopper Barge is made to the same dimensions as the standard barge section. The P2-7' Hopper has male and female connections to allow for the sections to attach to one another or to other Poseidon P2-7' barge sections.



	P2-7-20 Section		P2-7-40 Section	
Length, Overall	20'-4"	6.20 m	40'-4"	12.29 m
Width, Overall	10'-4"	3.15 m	10'-4"	3.15 m
Height, Overall	7'-0"	2.13 m	7'-0"	2.13 m
Shipping Weight, Approx.	18,500 lbs	8,391 kg	33,900 lbs	15,377 kg
Draft, Unloaded	18"	0.43 m	17"	0.41 m
Draft, Full Load	42"	1.07 m	42"	1.07 m
Payload at Full Load	12.0 tons	10.9 mT	26.4 tons	23.9 mT



- 20' x 10' x 7' Ramp Sections...12,150 lbs
- 10' x 10' x 7' Rake Sections.....7,732 lbs
- Shipping weights are for P2-7B version with Plate Deck tops. (Lighter roll form decks also available.)
- 24" Round Spuds
- Handrails, Male to Male connectors, deck cleats, and ladders available
- Accessories: Hinge Assemblies, spud pocket, drill spacer, and bumper. See Accessories Brochure for details.



POSEIDON® P2-4' PORTABLE SECTIONAL BARGES



	P2-4N-15 Section		P2-4N-30 Section	
Length, Overall	15'-5"	4.7 m	30'-5"	9.27 m
Width, Overall	7'-11"	2.41 m	7'-11"	2.41 m
Height, Overall	3'-11"	1.19 m	3'-11"	1.19 m
Shipping Weight, Approx.	8,800 lbs	3,992 kg	15,900 lbs	7,212 kg
Draft, Unloaded	15"	0.38 m	14"	0.36 m
Draft, Full Load	22.5"	0.57 m	22.5"	0.57 m
Payload at Full Load	2.4 tons	2.18 mT	5.7 tons	5.17 mT

- 20" Round Spuds
- Accessories: Spud pocket. See Accessories Brochure for details.

