



DIVISION OF ERECTOWELD, INC.

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TBO-450 TRANSPORT BARGE
(Outboard Motor Propulsion)

Technical Specifications

DIMENSIONS & WEIGHT*

Length Overall (A)	35'-7"	10,85 m
Height Overall (C)	8'-6"	2,59 m
Shipping Width	9'-11"	3,02 m
Operating Width	9'-11"	3,02 m
Shipping Height	8'-6"	2,59 m
Weight, without options	11,500 lbs.	5,25 kg

CARRYING CAPACITY

Maximum Volume	450 cu ft	12.9 cu m
Maximum Weight	8,000 lbs	3600 kg

(@ 30% Freeboard)

FLOTATION

Barge Type	Unihull	
Barge Length (D)	25'-1"	7,65 m
Barge Width (B)	9'-10"	3,00 m
Barge Height	26"	660 mm
Compartments	5 Watertight	
Draft, Light (Avg)	10"	250 mm
Draft, Loaded (Avg)	17"	430 mm
Bottom Protection	Replaceable runners with UHMW Slider Pads	

POWER SYSTEM & CONTROL BRIDGE

Engine	Air-cooled gasoline, 18HP/13.5kW @ 3600 rpm, electric start	
Hydraulic Pump	Single, gear type	
Hydraulic Tank	12 US gal	45 liter
Fuel Tank	18 US gal	68 liter
Operator's Seat	Adjustable	
Hydraulic Control	Manual, multi-stack, directional control valve	
Electrical System	12 volt, D.C.	

STORAGE & UNLOADING SYSTEM

Type	Single, 2 heavy duty drive shafts, 3"/76 mm diameter	
Conveyor Width (I)	5'-2"	1,575 m
Conveyor Overhang (J)	6'-2"	1,880 m
Unloading Height	Hydraulically Adjustable	
Unloading Time	75 seconds	
Conveyor Belting	Heavy duty galvanized flat wire mesh	

PROPULSION

Engine	50HP/37kW, single gasoline outboard	
Steering	Steering wheel, manual hydraulic	
Travel speed	6.5 mph - 10.5 km/h average	

OPERATOR BRIDGE

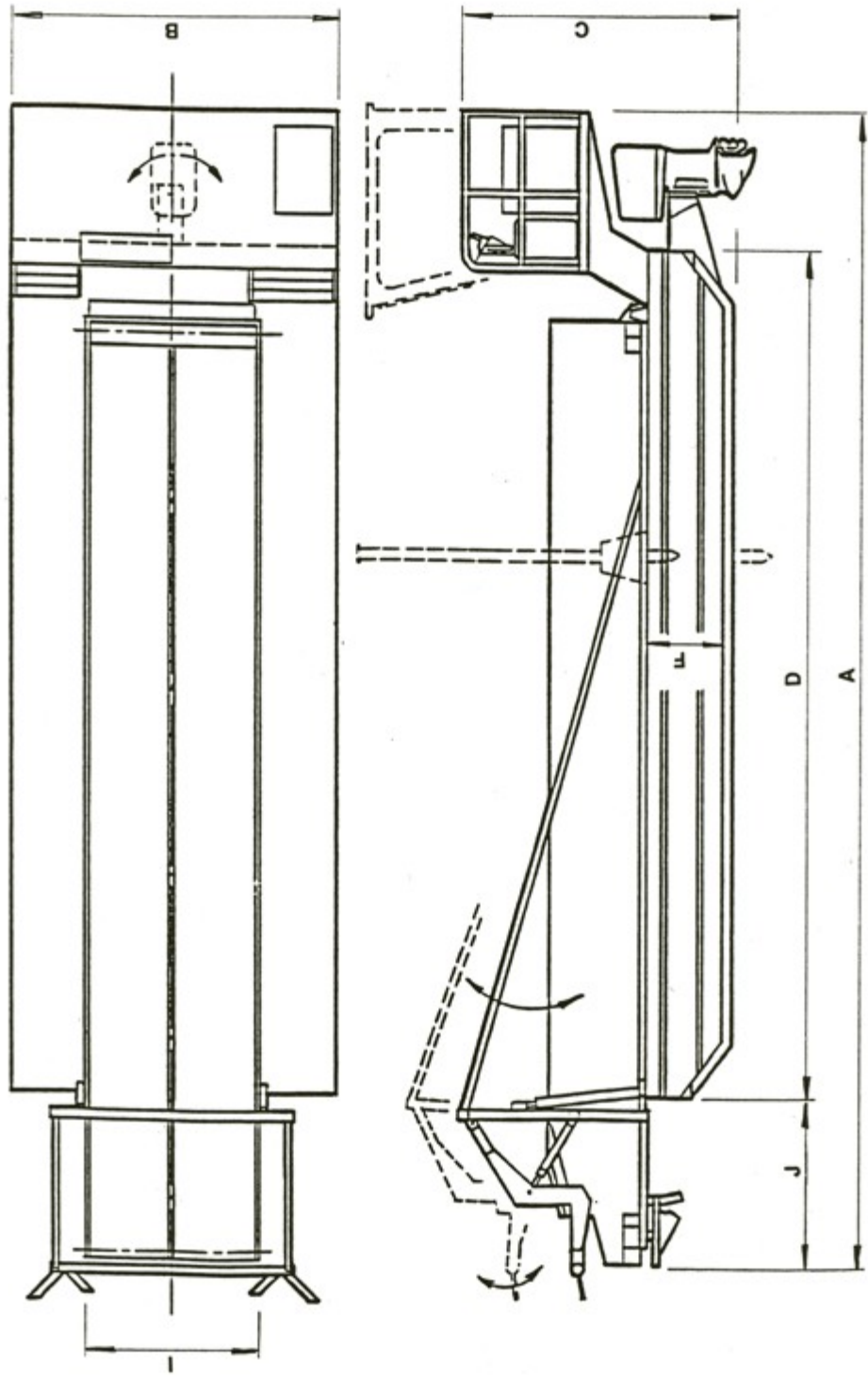
Steering console, gauges, adjustable seat & tool box

GENERAL

Fasteners	Stainless steel & high strength steel where required	
Hydraulic Tubing	Stainless steel	
Conveyor Belt Tracks	UHMW-lined throughout	
Anti-Corrosion System	High impact, high visibility safety orange, thermally cured epoxy coating	

OPTIONAL EQUIPMENT

- Spare Parts Package
- Sun/Rain Canopy
- Marine Lights and Horn
- Heavy duty stainless steel belting
- Work Lights
- Tool Kit
- Solid Conveyor Floor under storage conveyor top belt



AQUAMARINE TBO-450 TRANSPORT BARGE