



# Alpha Boats Unlimited

div. of Barber Welding, Inc.

- Trash & Debris Skimmers ● Aquatic Harvesters ● Crane Boats ● Dredges ● Oil Skimmers ●

## SPECIFICATIONS Model TS-21 Aquatic Plant Harvester

	<i><b>IMPERIAL SYSTEM</b></i>	<i><b>METRIC SYSTEM</b></i>
<b><i>DIMENSIONS</i></b>		
Shipping (L x W X H)	46' x 11'- 11.5" x 10'- 6"	14,2 x 3,65 x 3,23 M
Operating in water (L x W x H)	46' x 11'-11.5"x 13' 6"*	14,2 x 3,65 x 4,15 M*
Shipping Weight	15,000 LB	7032 KG
<b><i>HULL</i></b> Material	Carbon Steel (Stainless Optional) with Inner Ribbing & Bulkheads	
Dimensions (Length x Beam)	Floatation 32- 0" x 11' – 11.5"	Floatation 9,74 x 3,65 M
Draft (Unladen/Laden)	12 inch / 18 inch	30 cm / 46 cm
No. of Compartments	(4) Total	
<b><i>CONTROL BRIDGE</i></b>	Elevated Platform with Safety Deck, Grating, Railings, Central Controls, and Hydraulic Steering Helm	
<b><i>INTERLOCKING SYSTEM TO:</i></b>	All Alpha Harvesters, Trash Skimmers, Shore/Pier Conveyors, AM-2000 (Adaptations to all other makes available)	
<b><i>STORAGE SYSTEM</i></b>	“Feed Through”, Heavy Duty Conveyor Mesh Floor with Aft Intake and Forward Discharge	
Type		
Max Cargo Capacity	21,000 lb.	9525 kg
Volume (Load)	1,060 Cu. Ft.	25.3 CM
Load Container Length	39'-6"	12 M
Load Container Width	7'-2"	2.2 M
<b><i>PROPULSION SYSTEM</i></b>	Two (2) 150HP out board engines	Two (2) 110 KW out board engines
Fuel Tank Capacity	Four (2) 25 US Gallons Plastic tanks	Four (2) 92 Liter Plastic tanks
Control Panel Electric System	12 Volt DC Circuit, Includes Electric Engine Start, Monitoring Gauge Package and a RPM gauge	
	Power Tilt & Hydraulic Steering	
<b><i>HYDRAULIC SYSTEM</i></b>		
Pump	(1) Fixed Gear Unit	
Controls	Manually Operated Directional Valves	
Hydraulic Tank Capacity	9 US Gallons	34 Liters
Filtration	10 Micron Return Filter	
Power Output (Net, Cont.)	14 HP @ 3450 RPM	10 KW @ 3450 RPM
Electric System	12 Volt DC Circuit, C/W Electric Engine Start	
Fuel Capacity	1 US Gallons	3.78 Liters

All dimensions, weights and storage are net, not including options. Specifications are subject to change without notice. 110713slw