



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>IMPERIAL SYSTEM</i> | <i>METRIC SYSTEM</i> |
|---------------------------------------|--|----------------------------------|
| <i>DIMENSIONS</i> | | |
| Shipping (L x W X H) | 46' x 12'-0" x 10- 6" | 14,2 x 3,65 x 3,23 M |
| Operating in water (L x W x H) | 46' x 14'-0" x 10- 6" | 14,2 x 4,26 x 3,23 M |
| Shipping Weight | 16,000 LB | 7,257 KG |
| <i>HULL</i> 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) | 12.5 inch / 18 inch | 31 cm / 46 cm |
| No. of Compartments | (4) Total | |
| <i>CONTROL BRIDGE</i> | Elevated Platform with Safety Deck, Grating, Railings, Central Controls, and Hydraulic Steering Helm | |
| <i>INTERLOCKING SYSTEM TO:</i> | All Alpha Harvesters, Trash Skimmers, Shore/Pier Conveyors, AM-2000 (Adaptations to all other makes available) | |
| <i>STORAGE SYSTEM</i> | “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 | 43'-6" | 13 M |
| Load Container Width | 7'-2" | 2.2 M |
| <i>PROPULSION SYSTEM</i> | Two (2) 250HP out board engines | Two (2) 186 KW out board engines |
| Fuel Tank Capacity | Four 24 US Gallons Plastic tanks | Four 91 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 | |
| <i>HYDRAULIC SYSTEM</i> | | |
| 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 weights and volume capacities uniformly loaded.

All dimensions, weights and storage are net, not including options. Specifications are subject to change without notice. 112014slw

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