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AQS-250 AQUATIC SKIMMER
Technical Specifications

DIMENSIONS & WEIGHT*

| | | |
|--------------------|--------------|--------------|
| Length Overall (A) | 41'-10" | 12,75 m |
| Height Overall (C) | 10'-6" | 3,23 m |
| Width Overall (B) | Up to 10'-2" | Up to 3,10 m |
| Width Shipping | 9'-11" | 3,02 m |
| Shipping Height | 9'-3" | 2,85 m |
| Weight, approx. | 12,000 lbs | 5,455 kg |

CARRYING CAPACITY

| | | |
|-------------------------------------|-----------|-----------|
| Maximum Volume | 250 cu ft | 7,13 cu m |
| Maximum Weight (@ 40% Freeboard) | 3,500 lbs | 1560 kg |

FLOTATION

| | | |
|---------------------|--|--------|
| Hull type (34) | Catamaran c/w inspection & drain ports | |
| Vessel Length (D) | 26'-0" | 7,93 m |
| Draft, Light (Avg) | 16" | 0,41 m |
| Draft, Loaded (Avg) | 22" | 0,56 m |
| Bottom Protection | Two (2) 3"/76 mm. Steel tubes | |

POWER SYSTEM & CONTROL BRIDGE

| | | |
|-------------------|---|------------|
| Engine | 4 cyl., water-cooled Turbo diesel, 73 HP/54,4 kW @ 2800 rpm | |
| Hydraulic Pump | Variable volume pump, pressure compensated | |
| Hydraulic Tank | 20 US gal | 76 liters |
| Fuel Tank | 50 US gal | 190 liters |
| Operator's Seat | Adjustable | |
| Hydraulic Control | Manual levers | |
| Control Panel | Full instrumentation | |
| Electrical System | 12 volt, D.C. | |

COLLECTING HEAD

| | | |
|-------------------------------|-----------------------------------|-----------|
| Collect. Swath, Hyd. Adj. (G) | To 10'-0" | To 3,05 m |
| Collecting Depth, empty (H) | 18" | 0,46 m |
| Belting | HD stainless steel flat wire mesh | |
| Conveyor Speed, adjustable | To 70'/min. | |
| Head Side Wings | Opening hydraulically adjustable | |

STORAGE & UNLOADING SYSTEM

| | | |
|-----------------------|--|--------|
| Type, Two (2) Stage | Stationary & unloading c/w hydraulic lift & solid plastic floor under conveyor top belting | |
| Conveyor Width (I) | 4'-2" | 1,27 m |
| Conveyor Overhang (J) | 7'-10" | 2,32 m |
| Unloading Height | Hydraulically Adjustable | |
| Unloading Time | 90 seconds | |
| Conveyor Drive | Indep. Hyd. Direct drive | |
| Belting | Heavy Duty Galvanized | |

PROPULSION

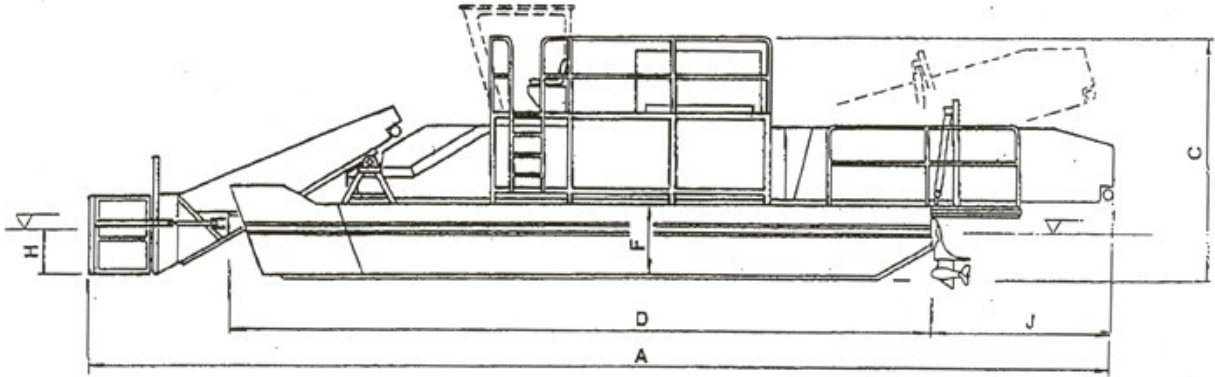
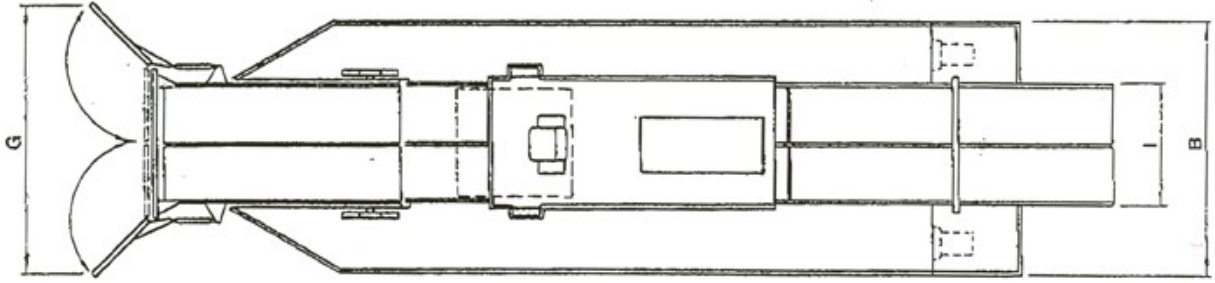
| | | |
|---------------------|---|---------|
| Type | Tandem (2) hydraulic stern drives | |
| Propeller type | Multi-blade marine prop or Archimedes Screw auger | |
| Vessel travel speed | 6 knots/hr | 11 km/h |

GENERAL

| | | |
|--------------------------|---|--|
| Fasteners | Stainless steel & high strength steel where required | |
| Hydraulic Tubing | Stainless steel | |
| Fire Extinguisher | One (1) | |
| Conveyor Belt Tracks | UHMW-lined throughout | |
| Anti-Corrosion System | High impact, high visibility safety orange, thermally cured epoxy coating | |
| Navigation Lights & Horn | | |

OPTIONAL EQUIPMENT

| | | |
|------------------------|------------------|--|
| Spare Parts Package | Anchor & Line | Low Profile Open-side Cabin |
| Work & Revolving Light | Life Buoy & Line | Stainless Steel Structure, full or partial |
| Sun/Rain Canopy | | |



AQUAMARINE AQS-250 AQUATIC SKIMMER