



586 Third Line, Oakville, Ontario, CANADA, L6L 4A7
 Tel: 905-825-1371 info@aquamarine.ca www.aquamarine.ca Fax: (905) 825-4116

H5-200 AQUATIC PLANT HARVESTER: Technical Specifications & Pricing

DIMENSIONS & WEIGHT			HARVESTING HEAD		
Operating:			Cutting Width		
Length - Overall	33'- 1"	10,08 m	5'-0"	1,5 m	
Width – Wheels at Side	11'- 7"	3,53 m	Cutting Depth (max.)	5'-6" 1,7 m	
Width – Wheels at Stern	8'- 6"	2,59 m	Horiz. / Vert. Knives	3" (76 mm) w. reciprocating stroke	
Height – From Water	7'- 6" approx	2,13 m *	Belt & Cutter Drives	Hydraulic motors, direct drive	
Shipping:			Impact Absorption		
Length	34'-1"	10,38 m	Conveyor Belting	Swinging pivot suspension system	
Width	7'-6"	2,29 m		Standard duty galvanized steel mesh	
Height (Intl)	7'-9"	2.36 m		Variable Speed	
(Fits into a 40 ft. container)			STORAGE & UNLOADING SYSTEM		
Height Overall on dry land	8'- 9"	2,67 m	Type	Dual conveyors with articulating off-loading section	
Weight Dry without options	6,800 lbs.	3091 kg	Conveyor Bed Width	3'-7" 1,1 m	
CARRYING CAPACITY			Conveyor Overhang	6'-0" 1,8 m	
Maximum Volume	200 cu ft.	5,7 m3	Unloading Height (above deck)	4'-0" 1,2 m	
Maximum Weight	3,000 lbs.	1360 kg	Unloading Time (avg.)	60 seconds (load dependent)	
(@ 30% Freeboard)			Conveyor Belting Type	Standard duty galvanized steel mesh	
FLOTATION – (304 / 18-8 Stainless Steel			Conveyor Belt Drive	Hydraulic motor, direct drive	
Flat Bottom Hull 14 ga – 2 mm)			Conveyor Belt Frames	Stainless Steel	
Height	(23"/17.5")	(58 cm/44 cm)	Tailgate	Stainless Steel	
Length	19'- 0"	5,8 m	LED Work Lights – 1 Forward	One to Stern, 2 Strips under Bridge	
Width	7'- 6"	2,3 m	PROPULSION		
Two Bolt on SS Pontoons	Optional		Type	Stainless Steel Twin Paddle Wheels	
Compartments	Five Air & watertight		Machine Controls	Proportional Electronic Controls	
Draft (average):			Diameter x Width	4'-2" x 1'-9" 1,27 x 0.53 m	
- Light	10.5"	27 cm	Paddle Wheel Drives	Hydraulic motors	
- Loaded	15.5"	39 cm	Paddle Wheel Speed	Variable	
Hull Bottom Protection	2 UHMW		Paddle Wheel Deployment	Side propulsion or swing-a-round	
(add 3 1/2"/9 cm to draft)	Skids			Stern propulsion	
POWER SYSTEM & CONTROL BRIDGE			GENERAL		
Engine Type	Kubota D1305-4KEA - 2100 rpm		Fasteners	Stainless Steel & high strength alloy steel, as required	
Cooling	Liquid Cooled		Safety Railing	On Control Bridge	
Power Output (total)	24.8 HP (18.24 kW) @ max rpm		Conveyor Belting Supports	UHMW PE wear strips on running Surfaces	
Hydraulic Pump	load sensing piston pump		Anti-Corrosion System	Unpainted Stainless steel hull throughout, high visibility safety orange industrial epoxy/polyester powder coating on carbon steel super structure	
SS Hydraulic Oil Tank	22 US gal	85 liter	Electrical System	12 Volt DC (Battery not included)	
Diesel Fuel Tank	13 US gal	49 liter		Fire Extinguisher Bracket	
System EPA approved				2 – 12V Power Outlets	
Operator's Seat	Adjustable, White			Marine Standards	
Control Panel	Engine monitoring system (Diesel)				
Hydraulic Control	PVG 32 valve bank				
Hydraulic Fittings	O Ring Face Seal & O Ring Boss (Leak Proof)				

Due to Aquamarine's ongoing efforts to improve its products, specifications are subject to change without notice.

H5-200 USD 99,980.00



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Available Options:

Water Wash Down Pump System: 2 inch poly hydraulically driven Banjo Pump 1" Akron brass nozzle & 50 feet hose 40 US gallons per minute max capacity	USD 5,800.00
Standard Duty Stainless Steel Belting Replaces Standard Duty Galvanized Belting – (Harvesting Head)	USD 2,930.00
Custom Colour: Standard Colour is RAL 2009 Safety Orange	USD 4,500.00
Lockable Storage Chest – Diamond Plate Aluminum – 10 cubic feet Stainless Steel Welded Support Structure Behind Control Bridge Included	USD 1,480.00
Powered Paddle Wheel Positioning Two Hydraulic Motors, Valve Section, Controls, Hose Kits, & Brackets	USD 3,980.00
Stainless Steel Extended Bolt on Cleats on Harvesting Head Conveyor – 15 pcs	USD 380.00
Spare Parts Package 10' (3m) of galvanized conveyor belting, or 6' (2m) of Stainless. 5 belt connecting rods 10 knife sections, 5 rock guards, 5 plastic & 5 steel hold down clips 2 high pressure hydraulic filter elements 2 low pressure hydraulic filter elements 2 engine oil filter elements & 2 air filters 2 fuel filter elements	USD 2,180.00
Stainless Steel Trash Collecting Skimming Head Replaces Painted Carbon Steel Harvesting Head – Includes Carbon Steel Spreader Bar and Carbon Steel Shafts with cast iron Sprockets, Galvanized Belting	USD 7,980.00
Two Bolt on Stainless Steel Stabilizing pontoons Required Option with Skimming Head Option	USD 4,980.00
Standard Duty Stainless Steel Belting – Skimming Head Only Replaces Standard Duty Galvanized Belting – (Skimming Head)	USD 1,380.00

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Available Options:

Central Lubrication System Multi-point greasing – 6 running bearings from Manifolds Supplied without grease	USD 980.00
Nets – Industrial Grade - Bottom Opening with Cow Bell release - each - Long Axis Opening with Rope Zipper - each	USD 1,180.00 USD 1,180.00
Float Line for Nets – 13’ (4m) Long Rope – 10 Floats, includes clasps - each	USD380.00
Net Frame Stainless Steel Frame to Support Net at Harvester Rear	USD 480.00
316 Stainless Steel Barge Skins – Replaces 304 Stainless Steel Barge Skins	USD3,980.00
Full Solid UHMW PE floor under top belting of front and rear conveyor Replaces Strips of UHMW PE (Helpful for collecting Duckweed and Trash)	USD 3,180.00
Full Solid UHMW PE floor under top belting of 84”/2.1m of Harvesting Head Replaces Strips of UHMW PE (Helpful for collecting Duckweed and Trash)	USD 780.00
Rear Conveyor Interlocks - Pair Allows Harvester to hook up to Shore Conveyor and or Trailer Conveyor	USD 380.00

Notes:

Please note that for sea container shipping our pricing does not include crane loading into container, but crane loading assistance is available upon customer request free of charge. Your shipping supplier will need to include the “blocking, bracing, and packaging” of your machine in the container and the materials required to do so.

Any equipment order picked up at Aquamarine as customer arranged freight is subject to a USD 1,250.00 charge.

Due to shipping regulations all equipment is sold and shipped without any fluids or batteries.

Customer to provide and use shipping tie downs whenever moving Harvesters on a trailer. Do not use winch to secure load.

Harvester Head and Rear Conveyor are cantilevered loads that must be secured down to a hard stop and not permitted to move during shipping.

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