

Weed Harvester

part of our Waterway Management Range

6525



Weed harvesters are designed to quickly and efficiently cut and collect weed or debris from watercourses in a single pass. ACE have supplied weed harvesters to customers throughout the UK and Ireland including Waterways Ireland, British Waterways and The Environment Agency



Each boat can be equipped specific to your needs and with over **30 years in-house experience** with aquatic weed boats ACE can provide advice to your requirements

With over **45 years manufacturing experience** this weedboat features the latest in ergonomic operator design and environmentally friendly features.

A few of these features are listed for you below:



Some Primary Features and Benefits...

- High performance, very versatile
- Cuts and clears weed simultaneously
- Hydraulic height adjustment of cabin for low bridges
- Excellent visibility over working implements
- Large storage area for cut material
- Excellent operator comfort and ease of use

Please Turn Over To View Our Standard Specification.

Optional extras and bespoke features available and quoted upon request

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Engine:	4 Cylinder Perkins Engine, 1104C-44 providing 87Hp at 2400 rpm. Automatic cut-off in case of low oil level and to prevent over-heating. Cooled via Blokland cooling system.	
Battery	2 batteries with a 12v-120 Amp electric control. One battery used to start the engine, the other to power on-board electrics (batteries can be switched over if required)	
Diesel Tank	Capacity 200ltr	
Hull	Manufactured in Sand-blasted steel, 4mm thick	
Hull Dimensions	Length	6.5m
	Width	3.4m
	Height	0.7 / 1m
	Separated into 4 compartments with 3 bulkheads. All pipe work, fasteners are fitted with watertight connectors through the bulkheads.	
Total Length	10.3m including collecting belt	
Weight	Approx. 9 tons (empty) Approx. 11.5 tons (fully loaded)	
Carrying capacity	Approx. 5 m ³ , Approx., 2.5 tons in weight	
Draught	Approx. 400mm empty, 550mm when loaded with 2 tons	
Propulsion	2 independantly driven, tangle free augers are hydraulically powered and therefore have infinite speed adjustment. Forward speeds of 0-8km/hr Reverse speeds of 0-4km/hr with 2 servo hydraulic controls Augers can be lifted above water for maintenance	
Steering	a) Hydraulic steering of augers	
Operator's position	The cabin is mounted on a hydraulic parallelogram to allow the height to be adjusted, optimizing the visibility of the operator, and to allow passage below low bridges. All controls are enclosed within the cabin.	
Cabin	Enclosed cabin with all-round visibility. Left and right access doors, with access platform. Front and roof screens can be opened. Noise insulation fitted to steel panels. Heater and demister. Aluminium shutters protect the windows.	
Hydraulics	<p>a) Operation via hydraulic single and double servo-controls over proportional valves (multiple operation of hydraulic cylinders)</p> <p>b) Pump Drive Load sensing variable displacement plunger pump Plunger pump- travelling mechanism Gear pump- Cutter bars Gear pump- conveyor belts Gear pump, steering and propulsion</p> <p>All working units and cylinders are fitted with a fine adjustment and accurate control system, and are infinitely variable in speed via proportional valves.</p> <p>Additional items:</p> <ul style="list-style-type: none"> - Oil spill, oil level and oil temperature indicators - Integrated controls for the entire hydraulic plant - Efficient Blokland cooling system - Hydraulic tank capacity approx. 400 litres 	
Front working unit	Cutting/Collecting combination of: <ul style="list-style-type: none"> - Collecting conveyor of 3.8m long x 1.9m wide, poly steel rods. Speed can be controlled in both directions. The front conveyor can be hydraulically adjusted in height. - U shaped cutter bar with horizontal cutting bar width of 2.3m and a depth of 1.3m. 	
Storage Capacity	Storage conveyor of 4.3m long x 1.9m wide, again using poly steel rods. Loading capacity approx. 5.0 m ³ .	

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