

## THE WEED HARVESTER RS5000



The WEED HARVESTER RS5000 and its accessories can be supplemented to form a series of machines, which ensure effective and economical work, down to a depth of 2.0 metres.

Different flora and growing habits do not limit the machine's operation.

The construction of the weed harvester's front conveyor is also ideal for the removal of light, low, floating algae, rubbish or oil. It has sufficient capacity to cut and transport a heavy vegetation mass. Thanks to its low draught the machine's working area is the widest possible. The low draught also means that the vegetation mass, which has been cut, can be carried straight to the shore or to a RS4000 shore conveyor.

With the WEED HARVESTER RS5000 contaminated water vegetation, like oily reed, can be removed. A WEED HARVESTER RS5000 has been also used to collect heavy fuel oil from water. Light fuel oil is collected from water using the Eco Oil Eater.

The RS5000 WEED HARVESTER moves readily from land to water with its caterpillar tracks, so beaches, lakesides and shallow water areas can be easily restored.



### **RS5000 SPECIFICATION**

#### **Engine:**

Diesel, four stroke, water cooled

4 cylinders

Power 40kW @ 3000rpm

**Instrument Panel:**

RPM gauge

Engine hours

Oil pressure warning light

Temperature gauge and warning light

Charger warning light

Engine will stop if there is a problem with oil pressure or engine temperature

**Hydraulics:** all parts have been developed for use in a marine environment

Main pump, 2pcs load sensing variable displacement pump

8+2pcs load sensing proportional valves

Synthetic hydraulic oil

2pcs return oil filters

Chromium plated piston rods in hydraulic cylinders

Operating pressure max 260bar.

Control valves/electric couplings 24V are waterproof/EU Declaration of Conformity for Machinery

**Coolant and Lubrication:**

Fuel tank 200L

Hydraulic oil tank 220L

Radiator 14L, 50% antifreeze and lubricant

**Electrical:**

105aH/24V battery

Waterproof bar cables and components

Control panel switches are gold plated to resist corrosion

**Moving on land/sea:**

2pcs hydraulically driven rubber tracks

Speed 0-100m/minute

**Operating Dimensions of cutting conveyor:**

Adjustable cutting depth +0.3m to -1.5m

Width 1.9m

**Storage Conveyor:**

Volume 7.5m<sup>3</sup>

Loading capacity 1000kg

**Standard Equipment:**

4pcs working lights

Operator's seat

Sun roof

**Additional Equipment (extra)**

Cabin

A/C power

Echo sounder

Winch

High pressure water washer

Toolbox

Trailer

**Transport Dimensions:**

Length max 12.0m

Height on road (with cabin) 4.0m

Height above waterline (with cabin) 3.0m

Weight 4.0T

