De Aalscholver

Powerful generator-powered electrofishing unit for boat and bank fishing



0–350 V DC
Infinitely variable

approx. 3 kW
Output power

DC/pulsed
Direct or pulsed current

Foot pedal
Both hands free

De Aalscholver is AVASTO's heavy-duty electrofishing unit for work from the boat and along larger waters. The control unit is powered by a generator and delivers an infinitely variable DC voltage, either as direct current or as pulsed current. The operator controls the unit with a foot pedal, keeping both hands free for the landing net. AVASTO has been building De Aalscholver in Oudewater (the Netherlands) since 2009; more than twenty-five units have been supplied to commercial fishermen, research and consultancy firms and fisheries organisations.

Applications

- Electrofishing from the boat on rivers, canals and lakes
- Fish stock sampling, monitoring and research
- Commercial fishing, fish stock management and fish rescue

Benefits

- **Powerful:** approx. 3 kW output power, suitable for larger and deeper waters
- **Infinitely variable:** output voltage from 0 to 350 V DC, shown on volt and ammeter
- **Direct or pulsed current:** switchable; pulsed current works better in warm or high-conductivity water
- **Hands free:** foot pedal operation as dead man's control
- **Safe:** class II, emergency stop and a flashing beacon that shows the unit is active
- **In-house service:** parts, repairs and annual inspection by AVASTO

Scope of supply

- Control unit with volt and ammeter, main switch, direct/pulsed current selector, infinitely variable voltage control and emergency stop
- 4 kW petrol generator, connected and tested with the control unit
- Hand anode: 2 m HP pole with 40 cm landing net frame, net, 5 m cable and waterproof plug
- Cathode: 1.5 m stainless steel cable on 5 m insulated cable with waterproof plug
- Foot pedal with 2 m air hose
- User manual and EC declaration of conformity

Options and parts

- Control unit without generator, for your own generator of at least 4 kW, max. 250 V AC and max. 55 Hz
- Electric foot pedal on request
- Spare hand anodes, cathodes, foot pedals, landing net frames, nets, cable extensions and adapter plugs

Service and inspection

Electrofishing equipment must be inspected every year. AVASTO inspects and maintains De Aalscholver and issues an inspection report. Users must have completed an electrofishing course.

Request a quotation

We are happy to advise you on the right unit for your waters and prepare a tailored quotation. Also for parts, inspection and repair, including other brands.

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Delivery time approx. 6 to 8 weeks