

Reed and Bulrush Control

Aquatic Weed: **Common Reed (left)**

Scientific Name: *Phragmites australis*

Information: likes to grow in shallow wetland areas and can grow up to 5m per year with an extensive rhizome root system. Phragmites is extremely invasive and can be particularly tough to control.

Common Reed Control

- **Truxor excavation**—this involves grubbing out the rhizome root system of the plant to help limit any regrowth of the reed in future. The vegetation is then removed from the water with the collection rake.
- **Truxor cutting**— using heavy duty cutters on the Truxor and then removing the vegetation to the bank with the collection rake. Mechanical Cutting provides a short term management solution (typically 1-3 years).

Aquatic Weed: **Bulrush (right)**

Scientific Name: *Typha latifolia*

Information: Bulrush grows between 1.5 and 3 m high with cigar like heads. During the winter it dies back and collapses down leaving brown vegetation until the spring. In shallow, warm waters it can spread rapidly as it is a highly invasive plant.

Bulrush Control

- **Truxor and clamshell attachment**—The Truxor removes the plant by the root system. Once the plant has been dug out it is left to float and then all the vegetation is taken out of the water with the collection rake. Future growth will still occur, but by removing the whole plant, re-growth can be more easily controlled.



Aquatic Solutions UK use specialist machines manufactured in Sweden, known as Truxors. They are amphibious, extremely versatile and lightweight. Being lightweight, this enables them to drive across lawns and other sensitive areas where other heavy machines cannot. Many weed cutting boats have to be taken by trailer to the water's edge before they are unloaded or craned into the water. Being amphibious this does not apply to our machines.

Over winter both plants die off before fresh growth in the spring. Both plants can be controlled by removing the roots with our Truxor machine. Once taken from the waterbed the vegetation then floats to the surface, where we attach a clearing rake to remove it from the water and take it out onto the bank away from the water's edge. This is essential to prevent de-oxygenation of the water from the rotting vegetation.

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Reed and Bulrush Control

Aquatic Solutions Water Reed and Bulrush Pictures



Truxor working to clear a Phragmites drainage channel



Truxor Excavator digging out Phragmites rhizomes



Truxor cutting Common Reed



Channels cut in reed bed to encourage bitterns



Truxor removing bulrush from a pond



Truxor pulling Bulrush out by the roots