

C485

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CONVER



CONVER

Maximum productivity and job satisfaction

Conver mowing boats have been specially developed to remove vegetation from the banks of channels, waterways and lakes, from the water. The mowing boats' design is very well thought-out and only quality components are used to make them reliable in all conditions and suitable for a wide range of applications. The C485 is the top model in the range. The boat is 180 cm wide and can use a wide variety of Conver tools. The 3 mm steel hull of this model has two watertight, integrated bulkheads. This separates the operators compartment from the bow and engine compartments.

Ease of use for the operator

The deck of the C485 is fully enclosed and has a tool carrier with a quick coupling system at the front to attach various tools. This allows tools to be changed quickly and safely. Conver also sets the standard in this respect.

Wide range of applications

Operator comfort, safety and large capacity were the guiding principles during development. The division into watertight compartments and the spacious deck with raised edges offers protection against water under extreme conditions. The spacious operator's compartment has fully adjustable electric operating controls.

Innovative in every way

The C485 comes with a modern 48 bhp Yanmar diesel engine. It is a powerful engine that is easy to control. The C485 can be delivered with tools such as: a trailing knife unit, embankment cutting unit, weed rake and T-front cutter.



It all starts with ergonomics

An operator who is comfortable in his job will be more effective. That is why Conver pays a lot of attention to the operators compartment. The design is based on 50 years of experience. The operators compartment is spacious and the seat and controls are fully adjustable. The machine is easy to operate and to maintain. By using keel cooling (through hull) and insulating the power source, heat and noise are kept away from the operator.

Light controls and optimal working position

The C485 mowing boat is controlled completely hydraulically. Load sensing technology, electric steering and pressure compensation valves make the reliable hydraulic system efficient and easy to use. The integrated storage area allows the operator to keep the operating compartment tidy. The operator's comfort and ease of operation can be further improved with optional extras.



Ground-breaking design

Conver constantly innovates and improves. For the introduction of the new C485, Conver chose to develop the concept together with customers and operators from all over the world. All the different health, safety and environmental requirements in each country were integrated in a single concept, so the basic machine can be used anywhere without any further adjustments.









Nothing will stop you

The C485 comes with single or double hydraulic anti-coiling augers. This tried and tested drive system offers the mowing boat excellent propulsion and manoeuvrability in the most demanding shallow water situations, either going ahead or astern. The design of the augers will avoid any aquatic vegetation or debris becoming wrapped around the propeller shafts. The sturdy auger has a robust construction and can be folded up and adjusted up and down.

Modern power source

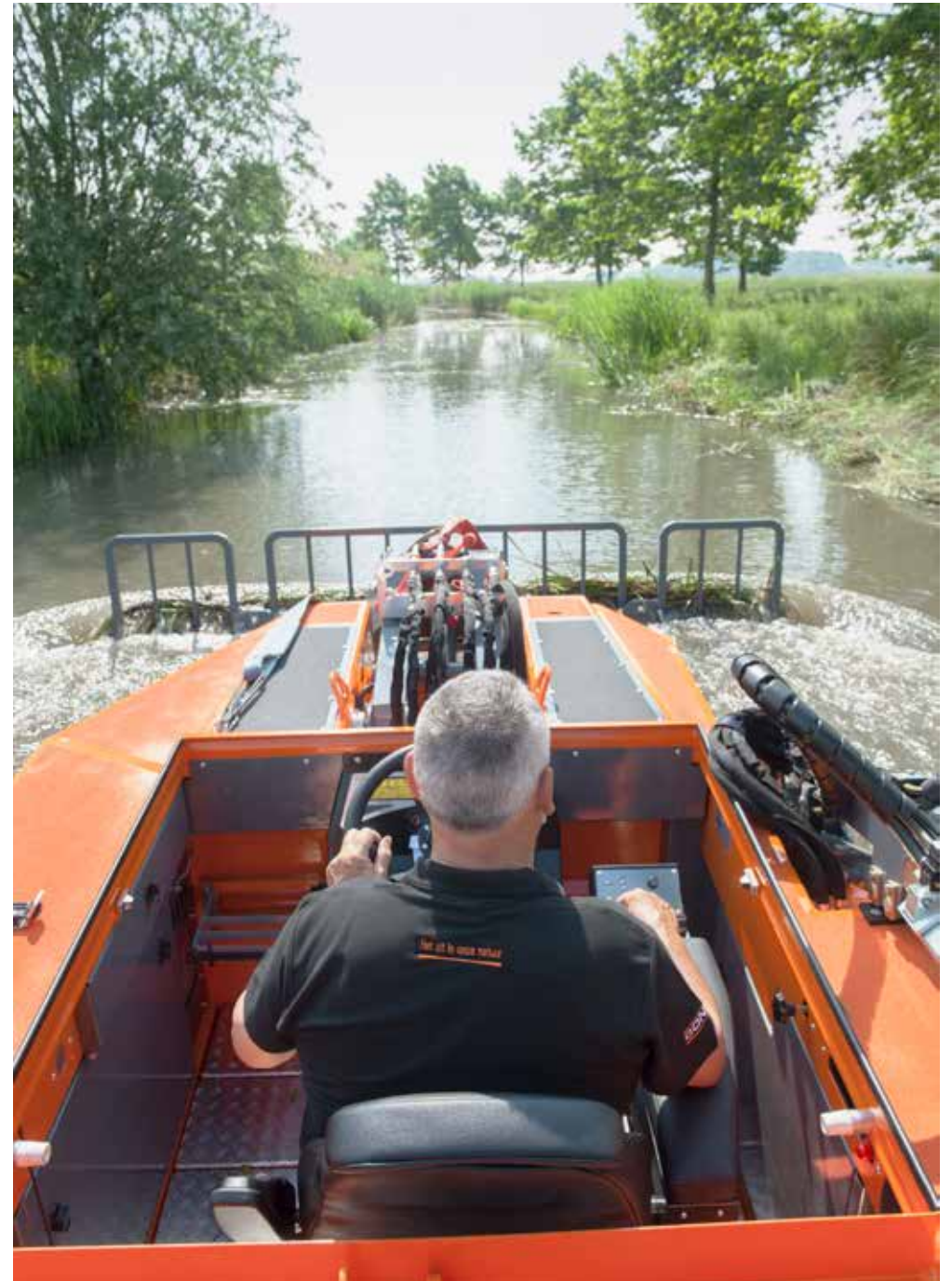
The C485 has a clean, quiet, water-cooled Yanmar diesel engine. The engine, along with a large number of other components, is fitted to a detachable subframe. All maintenance-related parts such as filters are grouped together and are easily accessible. The boat has integrated keel cooling to reduce the noise from the engine, thus protecting the operator and the environment. This allows the engine bay to be largely closed off. The remaining vents have labyrinth baffles that muffles any sound. The engine is hydraulic adjustable for counterbalance.

Your customised Conver C485

The modular construction method makes it possible to deliver practically all components for standard boats from stock. Of course you can also have a boat developed, based on your specifications and wishes. Conver also offers a wide range of options to further improve the operator's job satisfaction.

Maximum return at minimum cost

If you choose a Conver mowing boat, you choose a machine with a long lifespan. Because of its reliability and low maintenance costs, the machine will pay for itself very quickly. Maximum return at minimum cost. That is what you can expect from Conver.





Conver leaves nothing to chance

Quality above all else. That is what you can expect from Conver, whether you choose a mowing boat or a tool. Of course this also applies to our boat trailer that is an optional extra and was developed specially to transport, launch and retrieve mowing boats from the water. Certain functions of the boat trailers can be radio controlled to increase the operator's safety.

Maximum productivity and job satisfaction

Trailing knife unit: • For bottom vegetation removal. • With single or double trailing knife. • Width of each knife adjustable up to 2.5 m as standard. • Working depth up to 3 m.

Embankment cutting unit: • For mowing waterway embankments. • Double acting Busatis knife system. • Blade length of 1.20 or 1.40 m. • Bottom or top drive depending on the type of mowing work.

Weed rake: • For mowing bottom vegetation. • Double acting Busatis knife system. • Standard 2 m cutting width. • Cutting depth of 1.20 m. • Cutting depth and width variations available upon request. • Hydraulically set cutting angle to track the bottom of the watercourse and tilting unit for passing low bridges are optional.

Push frame: • For various clean-up operations 3 m working width. • Two folding 0.65 m widening units. • Equipped with rigid front loader teeth. • Combi-tilt function to clear floating vegetation and bottom debris with substantial unloading range.

Alternative tools: The hydraulic arm with quick release coupling makes it possible to connect alternative tools, such as a waste collection basket, dredge pump or push unit.

Standard model

- Central tool arm with quick coupling system for tools and hydraulic connections
- Electronic speed control of the diesel engine
- Load-sensing variable displacement pump for auger(s) and tool(s) and a gear pump for cylinder operation
- Low-pressure electric control of cylinders and mechanical tool functions
- Height and angle adjustable steering column with removable steering wheel
- Lowered mast console with 180 degrees of travel and hydraulic extension up to 0.40 m
- Multi-adjustable weather-resistant seat with armrests
- Wearing strips on hull corners
- Hydraulic height-adjustable auger(s), 0.2m
- Standard available in RAL 2004
- Motor control panel with instruments displaying hours in operation, tachometer and fuel gauge and 2 x 12 V connection
- Audible and visual notification for oil pressure and coolant temperature
- Storage area in driver's compartment
- Fully enclosed, removable non-slip floor in the cabin and two exit points
- Non-slip treatment of the deck
- Aluminium vandal-proof cover to close off the driver's compartment
- Four lifting hooks for use with four part chain and one central lifting eye
- One towing eye for use with boat trailer

Options

- Cruise control for auger operation
- Built-in Track & Trace system
- Dual (counter-rotating) anti-coiling augers
- Biodegradable, oil and water absorption filter
- Electric bilge pump
- Coolant temperature gauge in the dashboard
- Heating for driver's seat and back, switch operated
- Heater matrix using cooling water
- Built-in radio with speakers
- Convertible cab, PVC fabric with stainless steel frame, to be stored in cab section.
- Hard-top cabin with windscreen wiper
- Plastic fenders(s)
- Optional available in different RAL colours



CONVER C485 SPECIFICATIONS

Dimensions (L x W x H)	4.8 x 1.86 x 0.95 m (excl. tools)
Material	3 mm profiled St52
Weight	1,800 - 2,350 kg (depending on model)
Draught	approx. 0.4 m
Colour	Orange RAL2004 / Grey RAL7012
Engine	Water-cooled 4-cylinder 35 kW diesel
Emission class	In accordance with local regulations
Fuel consumption	4 - 6.5 litres an hour
Cooling system	Keel cooling
Electrics	12V
Propulsion	Single 400 mm hydraulic anti-coiling auger
Steering	Power steering with a 2 x 50° steering angle
Hydraulic system	One load-sensing pump and one gear pump with (semi-)proportional valves
Fuel tank	80 L
Hydraulic tank	95 L with suction and return filter. With integrated oil cooling.
Hydraulic oil	Univis N46
Maximum sailing speed	7 km/h



Together with Herder, Precision Makers, Roberine and Votex, Conver is part of Dutch Power Company.

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