

CONVER



C420

conver.com

Maximum productivity and job satisfaction

Conver mowing boats are specially developed for removing vegetation from slopes and flow profiles of waterways and lakes, directly from the water. Thanks to their smart design and the use of only high-quality components, these mowing boats are reliable under all conditions and therefore highly versatile.

The Conver C420, with a width of 160 cm, is the entry-level model in the Conver mowing boat series.

Smart Design

The Conver C420 is a simple, solid, and highly maneuverable mowing boat designed for maintenance of ditches and ponds. It features a lightweight construction with a shallow draft. The extremely rigid hull is made of 3 mm profiled steel and treated with high-quality anti-corrosion coating. The hull is divided into a fully sealed engine compartment and a foldable operator's compartment, providing improved accessibility to the engine. This compartmentalization provides optimal sound and heat insulation for both operator and environment.

Versatile Application

Thanks to its modular design, almost all components for the mowing boats are available from stock. In addition, Conver offers a wide range of options to further increase operator comfort and efficiency. For the C420, the following tools are available: an integrated weed-cutting knife installation, and easily interchangeable tools mounted on the support frame, such as a sidemower or embankment cutter, a push frame, and a T-front mower.

User-Friendly and Safe

An operator who works comfortably, works more effectively. That is why Conver always places great emphasis on the workplace. You can find 50 years of experience reflected in the design. The workstation is spacious, with adjustable seat and control elements. The machine is easy to operate and maintain. Since operators often spend long periods working on a mowing boat, the operator's compartment is spacious, ensuring a proper working posture for every operator as standard.

Conver

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Maximum Performance, Minimal Costs

Nothing Holds You Back

The C420 is equipped with a new diesel engine that meets the current Stage V emission standard. The new C420 comes with an 18.9 kW engine. All functions of the mowing boat are hydraulically driven. In addition, the Conver C420 mowing boat is fitted with a single hydraulic anti-wrapping auger. Thanks to its robust construction, this auger provides the mowing boat with great thrust and maneuverability — even in very shallow water and under the most challenging conditions, both forwards and in reverse.

Maximum Output, Minimal Costs

Choosing a Conver mowing boat means choosing a machine with a long service life. Its reliability and low maintenance costs result in a short payback period. Maximum performance at minimal cost — that is what you can expect from Conver.

Quality Above All

That is what you may expect from Conver — whether you choose a mowing boat or an attachment. The same applies to our optionally available boat trailer, specially developed to transport mowing boats easily, launch them into the water, and haul them out. The trailers can be operated remotely, which further enhances operator safety.

Standard Features

- Flat cooling system
- Mechanical speed control
- Servo foot pedal operation
- Mechanically foldable auger
- Mechanically operated valves for cylinders and tools
- Auger height mechanically adjustable in two positions
- Engine control panel with hour counter
- Anti-slip treatment on deck
- 4x Lifting eyes and 1x Towing eye

Options

- Umbrella
- Toolbox including grease gun
- Protective cover
- Mechanical bilge pump
- Heater connected to cooling water
- Convertible PVC cabin

Specifications

Conver C420

Dimensions (LxWxH)	5,5 m x 1,68 m x 0,85 m
Hull (LxWxH)	3,8 m x 1,66 m x 0,75 m
Material	3 mm profiled S355 steel
Weight	1.400 - 1.500 kg
Draft:	approx. 0,35 m
Color	Orange RAL2004 / Grey RAL7012
Engine	3TNV88F, 3-cylinder 18.9 kW diesel
Emission clas	EU Stage V / U.s. Tier 4 Final
Fuel consumption	3,5 - 5 L/h
Cooling system	Keel cooling
Electrical system	12V
Propulsion	Single 400 mm hydraulic anti-wrapping auger
Steering:	Power-assisted, 2x 50° steering angle
Hydraulic system:	3x gear pumps, (semi-)proportional valves 1x free hydraulic cylinder function (15 l/min at 150 bar) 1x tool function (20 l/min at 150 bar)
Fuel tank	60 L
Hydraulic tank	70 L with return filter and integrated oil cooler
Hydraulic oil	Univis N46
Speed:	7 km/u
Crew	1 person

Possible tools

Push rake	Light push rake, working width 2.40 m
	Medium-duty push rake with rigid screw tines and extension parts
	Medium-duty push rake, combi type, with rigid screw tines and extension parts
	Debris collection basket, working width 2.0 m
T-Front Mower	T-Front Mower 2012E, hydraulic, single-acting system, mowing width 2.0 m, mowing depth 1.2 m
	T-Front Mower 2012D, hydraulic, double-acting Busatis, mowing width 2.0 m, mowing depth 1.2 m
	Swing device for T-Front Mower 40° L/R, hydraulic
Side-Front Mower	Side-Front Mower Basic, hydraulically driven single-acting, mowing width 1.2 m
	Side-Front Mower Basic, hydraulically driven double-acting Busatis, mowing width 2.0 m
	Mounted rake for installation on Basic side-front mowers, working width 1.6 m
	Side-Front Mower Profi, hydraulic 2-part arm set with collision protection, mowing width 1.2 m
Sweeping Knife Installation	Single sweeping knife installation, hydraulic
	Sweeping knife spring steel, length 2.5 m, max. working width 2.5 m
	Sweeping knife chain, length 4.0 m

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