

CONVER C485 Mowing boat



The C485 is the top model in our range. The boat is 1,80 m wide and suitable for all Conver tools; propulsion augers are available. This version of the 3 mm thick steel hull has two watertight bulkheads integrated in the hull. This separates the control compartment from the bow and the engine compartment.

The C485 also has a fully enclosed deck and a tool carrier with quick release system on the front of the boat for attaching various tools. The C485 is stronger and safer to work with, and more comfortable for the operator. This boat is way ahead of its time. The C485 comes with a modern 48 HP diesel engine. This engine provides a lot of power, which can be dosed properly. All the functions of the mowing boat are hydraulically operated and driven.

Technical specifications

Dimensions (LxBxH)	4,80 x 1,86 x 0,95 m
Hull (LxBxH)	4,00 x 1,85 x 0,80 m
Material	3 mm profiled St52
Weight	1.800 - 2.350 kg
Draft	ca. 0,40 m
Colour	Orange RAL 2004 and Grey RAL 7012
Engine	Yanmar 4TNV88, 4-cylinder 47 HP (35 kW) Diesel, hydraulic side-shift
Emission class	EU stage IIIA
Fuel consumption	4 - 6,5 l/hr
Cooling system	Keel cooling
Electrical installation	12V
Propulsion	Single Ø 400 mm hydraulic anti coiling auger
Steering	2x 50° steering angle
Hydraulic installation	1x LS pump and 1x gear pump with electric proportional valves
Fuel tank	80 l
Hydraulic tank	95 l with suction- and return filter. With integrated oil cooling
Hydraulic oil	Univis N46
Speed	6 - 7 km/hr
Crew	1 operator

Basic version

- Height adjustable auger(s), 0,20 m, incl. hydraulic function
- Lifting frame with quick coupling release system
- Mechanical preparation for embankment cutter and trailing knife system
- Hydraulic engine side shift as counter balance
- Carter drain pump
- Keel cooling
- Electronic engine speed control
- Load sensing pump with variable displacement for auger(s) and implements
- Gear pump for hydraulic cylinders
- Electric proportional controls for cylinders and implement functions
- Heavy duty auger with electric proportional foot control, hydraulically tiltable
- Height and angle adjustable steering column
- Adjustable comfort-seat with armrests
- Engine control panel with hour counter, rev. counter, 2x 12V connector and fuel/temp gauge
- Acoustic and optical signals for oil pressure and coolant temperature
- Storage box in operator compartment
- Anti-slip treatment of deck area
- Anti-vandalism cover over operator compartment
- 4 lifting eyes for lifting with a 4 leg chain sling, 1 towing eye
- Wearing strips on hull corners

C485 Basic version excluding options and implements**Setup configuration list****Engine**

- 50183-100 Yanmar 4TNV88, 4-cylinder 35 kW diesel, with hydraulic shift. 45 cc LS pump
- 50183-103 Yanmar 4TNV88, 4-cylinder 35 kW diesel, with hydraulic shift. 51 cc LS pump
- 50248-100 Yanmar 4TNV88C, 4 cylinder 35 kW diesel, with hydraulic shift. 45 cc LS-pump, emission class EU TIER 5, US STAGE 5
- 50248-101 Yanmar 4TNV88C, 4 cylinder 35 kW diesel, with hydraulic shift. 51 cc LS-pump, emission class EU TIER 5, US STAGE 5

Oil

- 50261-106 Hydraulic oil N46
- 50261-107 Bio-degradable oil EAL46
- 50261-108 Bio-degradable oil HLP Synth
- 50261-121 Customized

Fuel tank

- 50325-100 Fuel tank steel 80 litre
- 50486-100 Fuel tank steel 150 litre (C485-XL only)

Steering

- Steering wheel on dashboard
- Joystick on left armrest

Seat

- 50261-109 Seat EBLO C1
- 50261-110 Seat EBLO C1 with heating

Implement release system

- Quick coupling (threaded joint)
- Multifaster

Propulsion

- 50176-100 Single anti coiling auger, Ø 400 mm S235
- 50184-100 Single anti coiling auger, Ø 400 mm HARDOX
- 50180-100 Double anti coiling auger, Ø 400 mm S235
- 50185-100 Double anti coiling auger, Ø 400 mm HARDOX
- 50182-100 Double anti coiling auger, Ø 600 mm S235
- 50187-100 Double anti coiling auger, Ø 600 mm HARDOX

Colours

- conver Hull RAL 2004 (orange) and implements RAL 7012 (grey)
- klant Customized hull colour. RAL_____

Options

- 50261-111 Single rubber protection bar around the upper side of the hull
- 50261-112 Single rubber protection bar around the centre of the hull
- 50261-114 Cruise control on the auger control
- 50261-101 Integrated Digital Media Receiver with Front USB & AUX Input
- 50261-102 Electric bilge pump
- 50261-103 Engine coolant temperature meter on the dashboard
- 50261-104 Heater on engine coolant
- 50261-141 Double blower for heater on engine coolant
- 50261-113 Convertible cabin with RVS frame, easy storage in cabin
- 50345-114 Fishing umbrella with adjustable holder
- 108709 Fixed cabin with windshield wiper
- 106402 Fixed cabin with windshield wiper and foldable roof
- 50261-115 Claxon
- 50261-116 Safety kit (German)
- 50261-117 Safety kit (English)
- 50261-118 Safety kit (French)
- 50261-162 Safety kit (Dutch)
- 50261-126 Tilting function for T-front cutter
- 50261-122 Tilting function for T-front cutter with impact safety
- 50261-123 Extra implement function, electric proportional adjustable
- 50261-125 Tool box, with grease gun, without tools
- 50261-127 Water absorption filter
- 50327-100 Hind platform with hand railing
- 50261-132 Acoustic and optical signal for hydraulic oil level
- 703082 Spotmaster Track & Trace system. Monitors the engine run and 4 functions of choice
 - * Price is for one-time connection costs. Then you enter into a subscription with Spotmaster for 5 years at € 12.45 p/m.
- 50261-133 Fuel filling system
- 50261-142 Lockable knife tray left hind side
- 50261-156 Cutter knife bracket on middle bulkhead
- 50261-166 Rudder indicator for 50492-100 Stern pontoon

Lifting arm implements**Dredge unit**

- 50509-100 Dredge pump 120DP-5" including tool carrier frame (not in combination with the embankment cutter)

Stern pontoon

- 50492-100 Stern pontoon with F-mast set, incl. hydraulic functions

Push rake

- 50179-100 Push rake, heavy duty, hydraulic high-tipper function, with 0,65 m long rigid teeth, working width 1,80 m

Options:

- 50026-124 Hinged side extensions 0,65 m left, with quick coupling
- 50026-123 Hinged side extensions 0,65 m right, with quick coupling
- 50026-131 Implement piece with flexible teeth for 50026-124 0,65 m left side extension
- 50026-132 Implement piece with flexible teeth for 50026-123 0,65 m right side extension
- 50026-133 Duckweed bucket 1,72 m
- 50026-134 Push rake mower. Single acting Busatis system underneath the push rake

T-front cutters

- T-front cutter 2012D, hydraulic propelled Busatis-system, mowing width 2,00 m, mowing depth 1,20 m, hydraulic height adjustment, with quick coupling. Weight \pm 200 kg
- T-front cutter 2014D, hydraulic propelled Busatis-system, mowing width 2,00 m, mowing depth 1,40 m, hydraulic height adjustment, with quick coupling. Weight \pm 210 kg

Options:

- Tilting system 90° forward **Option Tilting function needed* (50261-126 / 50261-122)
- Slewing set 40° L/R, with hydraulic function, weight \pm 20kg

Mowing bucket

- 50300-100 Mowing bucket, high-tipper type, incl. single acting Busatis system with quick coupling. Weight 250 kg.

Collection bucket

- 50300-100 Collecting bucket 3,00 m, high-tipper type, with quick coupling. Weight 215 kg.

Push bows

- 50469-101 Rigid push bow, for mounting on the implement carrier, with set of straps
- 50469-103 Rigid push bow, with 105 mm extension, for mounting on the implement carrier, with set of straps
- 50469-100 Hydraulic push bow, for mounting on the implement carrier, with cable tensioning cylinder and rotating cylinder. Weight \pm 250 kg

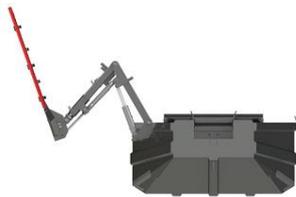
Embankment cutters

1,20 m

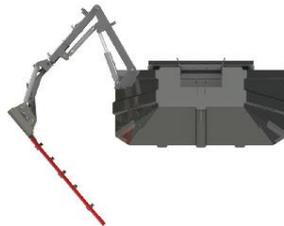
- 50189-100 Embankment cutter 1,20 m, 2-piece 350 mm extendable.
- 50190-100 Embankment cutter 1,20 m, 2-piece 350 mm extendable. Top drive version
- 50191-100 Embankment cutter 1,20 m, 2-piece 350 mm extendable. With rotation cylinder
- 50168-100 Embankment cutter 1,20 m, 2-piece 350 mm extendable. With rotation cylinder and mechanic hinge

1,40 m

- 50204-100 Embankment cutter 1,40 m, 2-piece 350mm extendable
- 50205-100 Embankment cutter 1,40 m, 2-piece 350mm extendable. Top drive version
- 50206-100 Embankment cutter 1,40 m, 2-piece 350mm extendable. With rotation cylinder
- 50203-100 Embankment cutter 1,40 m, 2-piece 350 mm extendable. With rotation cylinder and mechanic hinge



Standard (bottom drive)



Top drive version



Rotating cylinder



Mechanic hinge

Trailing knife-installation

- 50030-100 Single hydraulic trailing knife-installation. Working width up to 3,80 m, working depth up to 3,00 m
- 50031-100 Double hydraulic trailing knife-installation, working width up to 5,30 m, working depth up to 3,00 m

Options:

- 50291-100 Trailing knife set, high tensile spring steel, length 2x 2.50 m
- 50291-101 Trailing chain, length 4,00 m