

WORKING RESPONSIBLY.

CONVER MC101 WEED HARVESTER

EN



WEED HARVESTERS **CONVER**

CONVER MC101 WEED HARVESTER – working responsibly

The Conver MC101 weed harvester removes and stores floating and rooted vegetation in a heart-beat.

Thanks to its compact design and high agility the machine is at its best removing floating refuse in small (city) lakes, inland harbors, and other narrow water courses.

After collection, the MC101 effortlessly unloads in reversed direction over the front conveyor transport belt thanks to the Conver Smart Switching Mechanism.

Thanks to the compact dimensions, the MC101 can be transported by the Conver CTP485 (extended) boat trailer.





CONVER MC101 WEED HARVESTER – key features

ALWAYS A CLEAR VIEW.



- ✓ Compact and agile weed harvester
- ✓ Loading capacity of ca. 2m³ / 750 kg
- ✓ Ideal for removal of floating debris and surfaced vegetation from the smaller ponds and rivers
- ✓ Electric proportional control of hydraulic functions



TWICE THE WORK IN HALF THE TIME.

CONVER MC101 WEED HARVESTER – key features

- ✓ Customer-specific colour
- ✓ Compact transport position
- ✓ Transportable with the Conver CTP485
(extended) boat trailer
- ✓ Compliant to the latest emission
requirements



PERFECT
FOR
INLAND
PORTS
AND
NARROW
WATERWAYS.



CONVER MC101 WEED HARVESTER – standard equipment

ERGONOMIC DESIGN.

- ✓ *Conver Smart Switching Mechanism: Loading and unloading over the bow*
- ✓ *Engine monitoring system, hour counter, fuel gauge and optional rudder position indicator on dashboard*
- ✓ *Anti-slip deck and galvanized hand railings*
- ✓ *Height adjustable and retractable mowing unit for easier transport*
- ✓ *'U-mower' with a cable driven horizontal cutter and 2 vertical cutters*
- ✓ *Aluminium storage box*
- ✓ *Single 400 mm anti-coiling auger*
- ✓ *Electric proportional controls*
- ✓ *Adjustable comfort-seat with armrests*
- ✓ *Bundle cooler in bottom hull*
- ✓ *Electronic engine speed control*
- ✓ *4 lifting eyes*



CONVER MC101 WEED HARVESTER – technical specifications



DIMENSIONS (LxWxH)	7,70 x 2,40 x 2,70 m
HULL (LxBxH)	4,75 x 1,95 x 0,90 m
WEIGHT	3.100 kg
LOADING CAPACITY	2-3 m ³ / 750 kg
DRAFT	0,4 m empty, 0,50 m loaded
FREEBOARD TO DECK LEVEL	0,40 m empty, 0,30 m loaded
MOWING DEPTH	1,20 m
MOWING WIDHT	1,50 m
CONVEYOR BELTS	1,20 m wide, open stainless steel construction
UNLOADING HEIGHT	Up to 2,00 m above the waterline
COLOUR	Orange RAL 2004 / Grey RAL 7012
ENGINE	Water-cooled 4-cylinder diesel, approximately 37 kW (50 PK) at 3.000 rpm
EMISSION CLASS	Compliant with local requirements
FUEL CONSUMPTION	6 – 9 l/hr
COOLING SYSTEM	Keel cooling
ELECTRICS	12V
PROPULSION	Ø 400 mm anti-coiling auger, 0,20 m height adjustable and tiltable
STEERING	2 x 50° steering angle
PUMPS	One load-sensing pump and one gear pump with (semi-)proportional valves
FUEL TANK	80 l
HYDRAULIC TANK	115 l with suction and return filter
MAXIMUM SAILING SPEED	7 km/h
CREW	1 operator





Industrieweg 18, 4283 GZ Giessen – The Netherlands

T +31 (0)183-447272 sales@conver.com | www.conver.com



Working responsibly



Working responsibly with machines that have been manufactured in a sustainable manner. Machines with a long life cycle and which are low maintenance, thus guaranteeing a long and problem-free service life. At Conver, the weed harvesters have been developed specifically to remove water plants and/or floating debris from waterways and lakes. Floating plants such as duckweed (*Lemnoideae*) and common water hyacinth (*Eichhornia Crassipes*), as well as rooted plants such as waterweed (*Elodea*) and many other varieties, can be harvested.

Discover the new MC101 weed harvester

CONVER

IT'S IN OUR NATURE

Compact weed harvester

The MC101 is a very compact and lightweight weed harvester for removal of floating debris and surfaced vegetation from the smaller ponds and rivers. The machine is constructed with a flat loading deck. For the propulsion you can choose between auger technology or a rear-end paddle wheel. The front conveyor is equipped with a U-shaped hydraulic mowing system. The MC101 can be transported by the Conver CTP485 (extended) boat trailer.

Standard version

- Conver Smart Switching Mechanism: Loading and unloading over the bow
- Engine monitoring system with hour counter and fuel gauge
- Anti-slip deck and galvanized hand railings
- Height adjustable and retractable mowing unit for easier transport
- Mowing-unit 'U-mower' with a cable driven horizontal cutter and 2 vertical cutters
- Single 400 mm anti-coiling auger
- Electric proportional controls

Options

Various options are available such as:

- Fuel filling system
- Bow thruster
- Cruise control on the auger
- Mobile magnetic work lights, front and rear

Contact

For more information contact our office at **+31 183 447272** or send an e-mail to **sales@conver.com**.



SPECIFICATIONS CONVER MC101

Dimensions hull (L x B x H)	4,75 x 1,95 x 0,90 m	Emission class	Conform regional requirements
Weight	3.100 kg	Fuel consumption	6 - 9 l/h
Loading capacity	750 kg, approx. 2-3 m ³	Cooling system	Bundle cooler
Depth	0,40 m empty, 0,50 m full	Electric installation	12V
Mowing depth	1,20 m	Propulsion	Single 400 mm anti-coiling auger 0.20 m height adjustable
Mowing width	1,50 m	Steering	Powered with a 2x 50° steering angle
Conveyor belt	1,20 m wide stainless open conveyor belt	Fuel tank	80 L
Colour	Orange RAL 2004 / Grey RAL 7012	Hydraulic tank	115 L with suction- and return filter and integrated oil cooling
Engine	Water-cooled Yanmar 4-cylinder, 50 hp	Speed	0 - 7 km/h



Conver B.V. | Industrieweg 18, 4283 GZ, Giessen | The Netherlands

T: +31 183 447272 | **E:** sales@conver.com | **I:** www.conver.com

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