

CONVER® AMPHIBIOUS TOOL CARRIERS C580H



This multi-functional do-it-all for on land and in water is executed with hydraulic connections for application of various hydraulic and mechanical attachments.

The tracked undercarriage gives the machine mobility on the dry, whilst propulsion in water is provided by a hydraulic auger drive system. The arm is provided with a quick connection system.

The C580H is executed with a mid-mounted 360 degree rotating slewing ring with 2-piece hydraulic arm. The slewing motor is executed with an adjustable brake back security system.

Technical specifications:

Dimensions (LxWxH)	4,2 x 1,85 x 1,5 m (excl. pontoons)
Arm set	1,2m and 1,0m + 0,4m (mechanically extendible)
Material	3 mm profiled St37
Weight	2.750 – 3.500 kg.
Draft	approx. 1,0 m.
Colour	Orange RAL2004 and Grey RAL7012
Engine	Hatz 4H50TIC diesel, 48kW
Emission class	EU stage IIIA
Fuel consumption	8- 10 L/hr
Cooling system	Water-cooled diesel engine
Electrical system	12V
Propulsion	Single 400mm hydraulic anti-coiling auger
Steering	Servo-assisted with 2x50° steering angle for the auger and two servo-foot pedals for the tracks
Hydraulic system	1x Load Sensing pump, (semi-)proportional valves
Fuel tank	100 L
Hydraulic tank	200 L with return- and suction filter and oil-cooler
Hydraulic oil	Univis N46
Speed	8/7 km/hr, land/water
Crew	1 person

Standard version includes:

Hydraulic slewing ring on the front
Mechanical engine speed control
Servo foot pedal controls of the tracks
Mechanical actuated valves for cylinders and attachments
Adjustable weather proof seat
Engine control panel with hour counter
Anti-slip treatment of deck areas
4x Lifting eye

C580H basic type

* The basic machine

Options:

- Hydraulic 0,2m height adjustment of the auger(s)
- Double augers,(instead of standard single auger), hydraulic tilting
- Heavy-duty hydraulics, with double LS-pump, 100 l/min à 185 bar
- Extra PVG-function (check with Conver first)
- Servo control (per function)

- Height and angle-adjustable steering column
- Comfort seat, rotating, inclining and adjustable armrests
- Seat heating for comfort chair type
- Protective cover for comfort seat
- PVC convertible top, cabin width

- Radio/CD player with speakers
- 12 V connection in dashboard
- Fuel level gauge in dashboard
- Rev counter in dashboard
- Tarpaulin

- Manual bilge pump
- Electric bilge pump
- Custom colour scheme (max. 2 colours)
- Hull sandblasted and flame galvanized with AlZn-alloy, incl. transport
- Aluminium pontoon set, LxWxH = 2,5x0,25x0,5m, incl. mounting brackets

- Aluminium pontoon set XW, LxWxH = 2,5x0,35x0,5m, incl. mounting brackets
- Aluminium pontoon set XLW, LxWxH = 3,5x0,45x0,5m, incl. mounting brackets
- Hydraulic adjustment of pontoons, incl. function
- Hydraulic adjustment and tilt up of the pontoons, incl. functions

Attachments:**Embankment cutter unit**

- Cutterbar 1,20 m, double acting Busatis system, standard executing with Quick Coupling system, usable as top- and bottom drive

Weed rake

- Weed rake with working width 1,80 m and rigid teeth, with Q/R coupling
- Side extension pieces for weed rake, executed with flexible tines

T-front cutterbar

- T-front cutterbar double acting Busatis, H2,0m and V1,2m, with Q/R coupling
- Tilting function, 40 degree L/R (incl. function)

Trailing knife installation

- Hydraulic single trailing knife installation, excl. knife and chain
- Hydraulic double trailing knife installation, excl. knives and chains
- Trailing knife, high flex steel, length 2.5m, maximum width 2,5m
- Chain, length 4,0m

Dredging tools

- Dozer blade, working width 1,8m + 2x0,5m, mech. adjust. extensions
- Dozer blade, working width 1,8m + 2x0,5m, hydr. adjust. extensions
- Heavy-duty arm set, 1,5m + 1,5m, instead of standard light arm set
- Dredge pump, DP150 incl. nozzle and mounting piece
(only in combination with heavy-duty arm set and heavy duty hydraulics)
- Digging bucket, 600mm wide, incl. C/R coupling
- Support leg set, hydr. Lift and reach, mech. extendible, incl. hydr. functions
- Hydraulic winch, 25m steel cable of 10 mm, Fmax=3.600 kg, incl. hydraulics