

## 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