

# Technical specifications

## Engine

- Caterpillar C7, turbo charged, water cooled,  
6-cylinder diesel engine
- flywheel power at 2000 rpm           168 kW (225hp)
  - fuel tank capacity                       1200 l
  - electric system                         24 V
  - batteries                                 2x180 Ah
  - electric fuel pump

## Hydraulics

- one axial piston pump for  
dredging and propeller
- maximum operating pressure       320 bar
  - capacity                                 95 ccm/rev
- one axial piston pump for digging  
and stabilizers
- maximum operating pressure       210 bar
  - capacity                                 100 ccm/rev

## Excavator

- swinging angle                         180°
- break-out force from bucket cylinder 77 kN
- digging force from arm cylinder     40 kN
- lifting capacity at max. reach       16 kN
- lifting capacity with Power Lift,  
at max reach                             19 kN
- quick couplings for tools

## Stabilizers

- front detachable floats, max depth       3,7 m
- rear tilting spuds, max depth           4,9 m

## Hull

- one piece hull divided into 7 watertight compartments
- corrosion resistant painting outside and inside
- protective skid bars on bottom
- slip-safe deck
- handrails

## Cabin

- deluxe seat with full adjustability
- three opening side windows
- heating, ventilation, roof hatch
- complete gauging for hydraulics and engine
- four working lights
- radio receiver with CD-player

## Transport dimensions and weight

- Transport length (without boom)       10.45 m
- Transport width                         3.25 m
- Transport height                         3.05 m
- Transport weight                         c. 17 t

- Travel speed with propulsion system**  
**c 4 knots**

