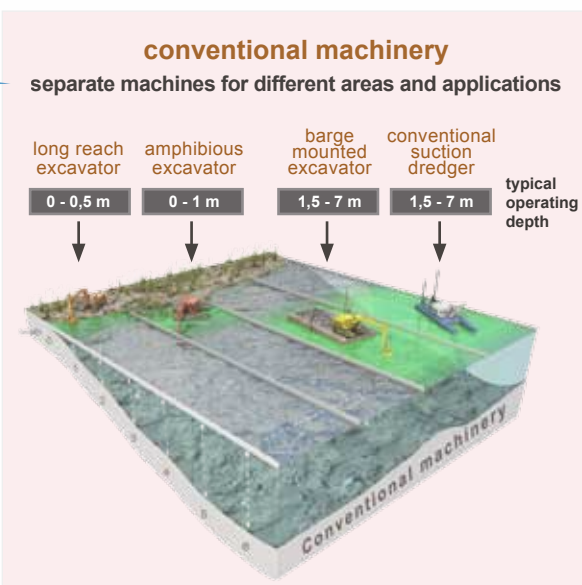
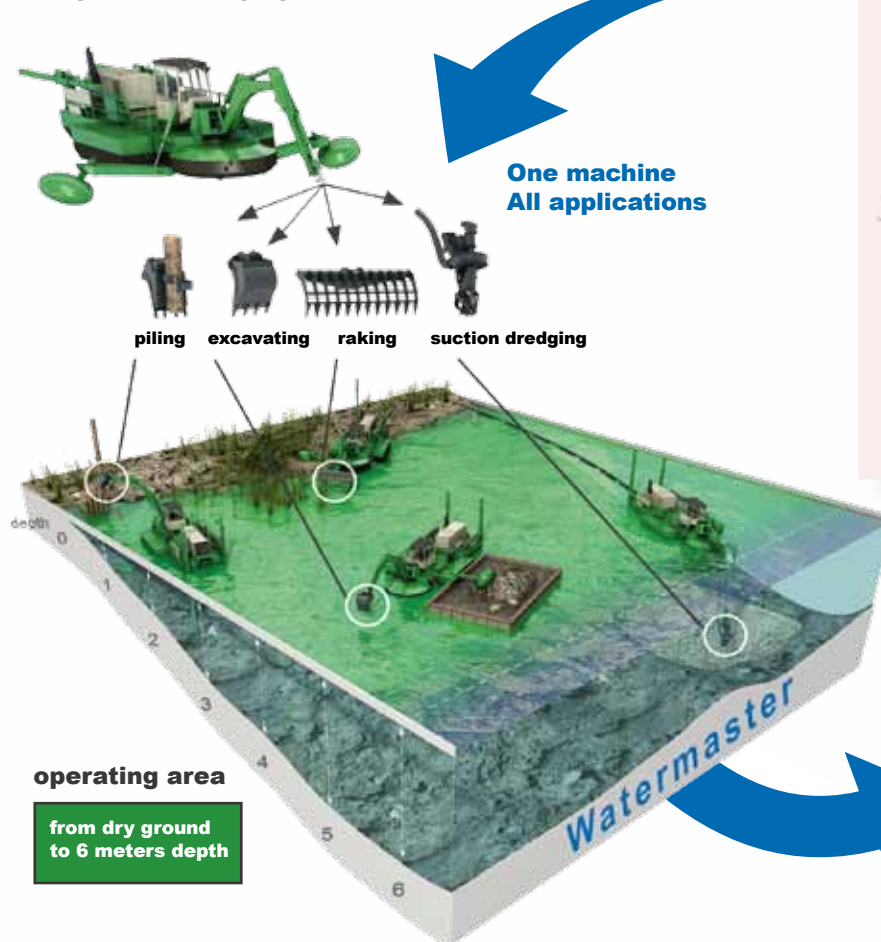
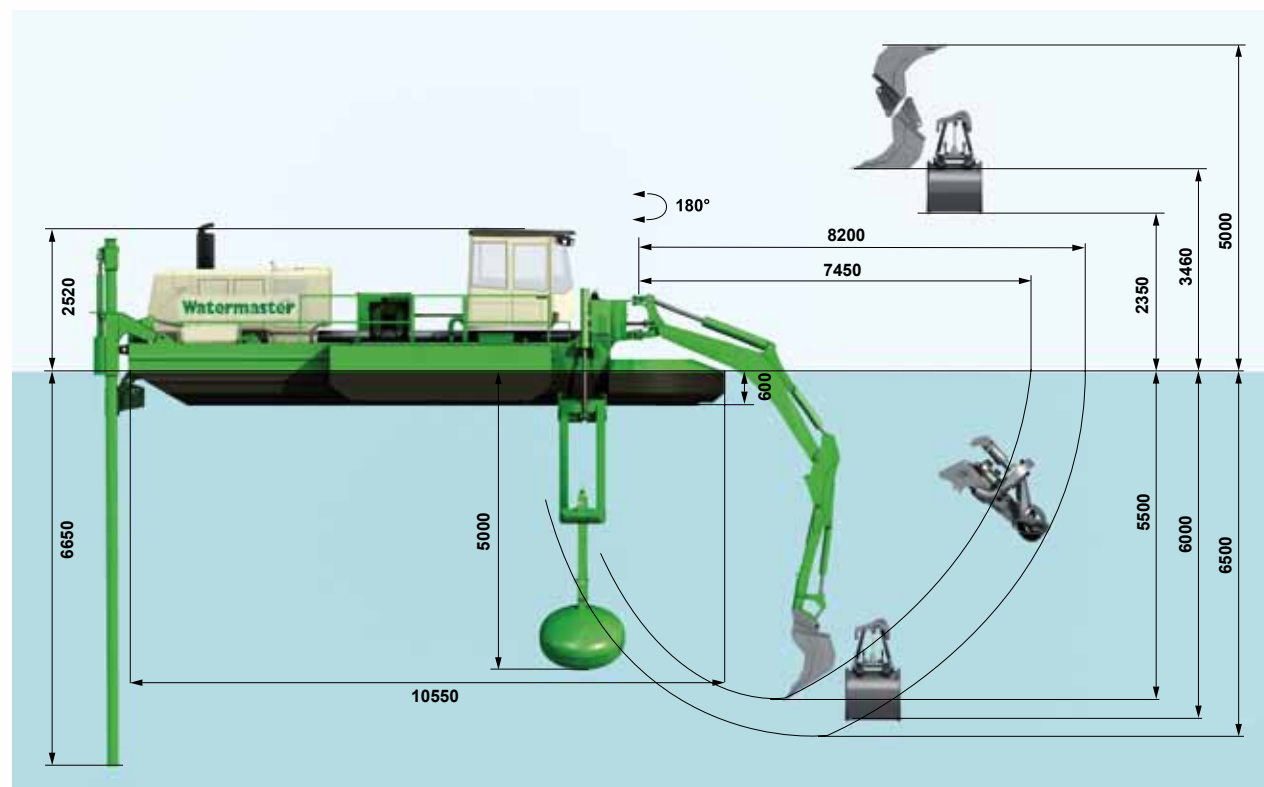


# Watermaster

Amphibious Multipurpose Machine



- ### Why Watermaster
- one machine - all applications
  - superior mobility and versatility
  - replaces several single purpose machines
  - reduces investment and operational costs
  - proven performance and service



## Amphibious Multipurpose Watermaster

- engine**  
Caterpillar C7, turbo charged, 6-cylinder diesel engine  
 • air-water radiator cooled 168 kW (225hp)  
 • flywheel power at 2000 rpm 1200 l  
 • fuel tank capacity 24 V  
 • electric system 2 x 170 Ah  
 • batteries  
 • electric refueling pump
- hydraulics**  
 one axial piston pump for dredging and propeller  
 • operating pressure max. 345 bar  
 one axial piston pump for digging and stabilizers  
 • operating pressure max. 230 bar
- excavator**  
 • swinging angle 180°  
 • break-out force from bucket cylinder 83 kN  
 • digging force from arm cylinder 47 kN  
 • lifting capacity at max. reach 24,5 kN  
 • quickly changeable attachments
- hull**  
 • one piece hull divided into 7 watertight compartments  
 • corrosion resistant painting outside and inside  
 • protective skid bars on bottom  
 • mast, signal lights for dredging and navigation
- cabin**  
 • modern FOPS certified cabin with excellent visibility  
 • additional seat for instructor  
 • 10 work lights
- anchoring**  
 • independent anchoring and work movement without assisting vessels, winches or wire-cables  
 • two front stabilizers, max depth 5,0 m  
 • two rear tilting stabilizers, max depth 6,7 m
- mobility**  
 • self-loading and self-unloading to/from a trailer  
 • moves independently in and out of water  
 • self-propelled  
 • amphibious in all work modes
- certified quality**  
 • quality certificate ISO 9001  
 • environmental certificate ISO 14001  
 • safety certificate ISO 3449  
 certificates issued by authorized certification authority
- transport dimensions and weight**  
 transport length without boom 11,00 m  
 transport length with boom 16,00 m  
 transport width 3,30 m  
 transport height 3,15 m  
 transport weight ca 19,50 t

**AQUAMEC Ltd.**  
 P.O. Box 260, FI-27801 Säskylä, Finland  
 Tel: +358 10 402 6400, Fax: +358 10 402 6422  
 E-mail: watermaster@aquamec.fi



Technical specifications are subject to change without prior notice.  
 The pictures in this brochure include optional equipment.  
 03.2015

# Watermaster

Classic

- Restore and protect the environment  
Build and maintain the infrastructure
- Watermaster is currently solving these challenges in over 65 countries worldwide
- Watermaster is the amphibious multipurpose solution for all shallow water work





versatile

mobile

proven

# Watermaster

versatile shallow water specialist



### Watermaster cutter pump

- designed for demanding shallow water work
- submersible pump
- discharge distance up to 1,5 km
- two cutter crowns with integrated vegetation cutting knife system



modern & comfortable cabin



### 600 l bucket

- general backhoe dredging attachment
- for excavating hard soils



### clamshell bucket

- for environmental dredging
- good for loading into barges
- volume 600 l



### rake

- for removal of reeds, roots and other vegetation
- for cleaning the bottom from trash
- 2,75 m wide



### piling bucket

- general pile driving attachment for wood piles
- for reinforcing shores
- for marina maintenance

quickly changeable attachments



Caterpillar engine

discharging up to 1,5 km

side pontoons for stability

hull divided into 7 watertight compartments

front stabilizer extensions

### restore shallow waterways and shores

- deepening and maintaining shallow waterways in inland waters and coastal areas
- marina and harbour maintenance



### prevent floods and clean the environment

- flood prevention
- cleaning of urban canals
- vegetation and trash removal
- removal of polluted sediments



### utilize in construction projects

- civil engineering works in water environment
- piping system and cable works



### maintain and clean industrial ponds

- maintenance of process- and wastewater ponds
- recovering of valuable materials from tailings and drainage ponds



### reliable choice

- continuously developed since 1986
- made in Finland - operating worldwide
- supported by Watermaster service network
- ISO 9001 & ISO 14001 certified serial product



smart solution for hard work