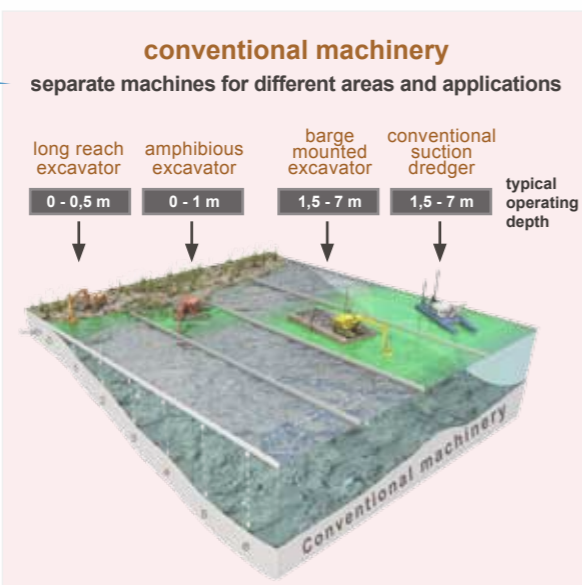
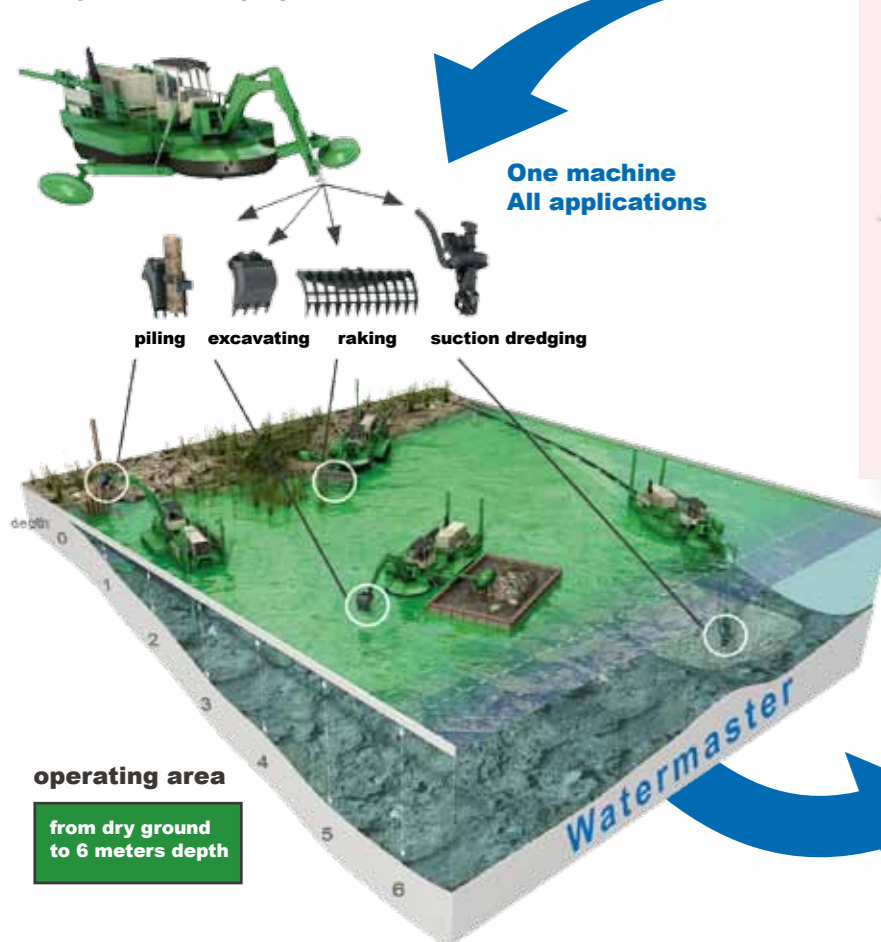
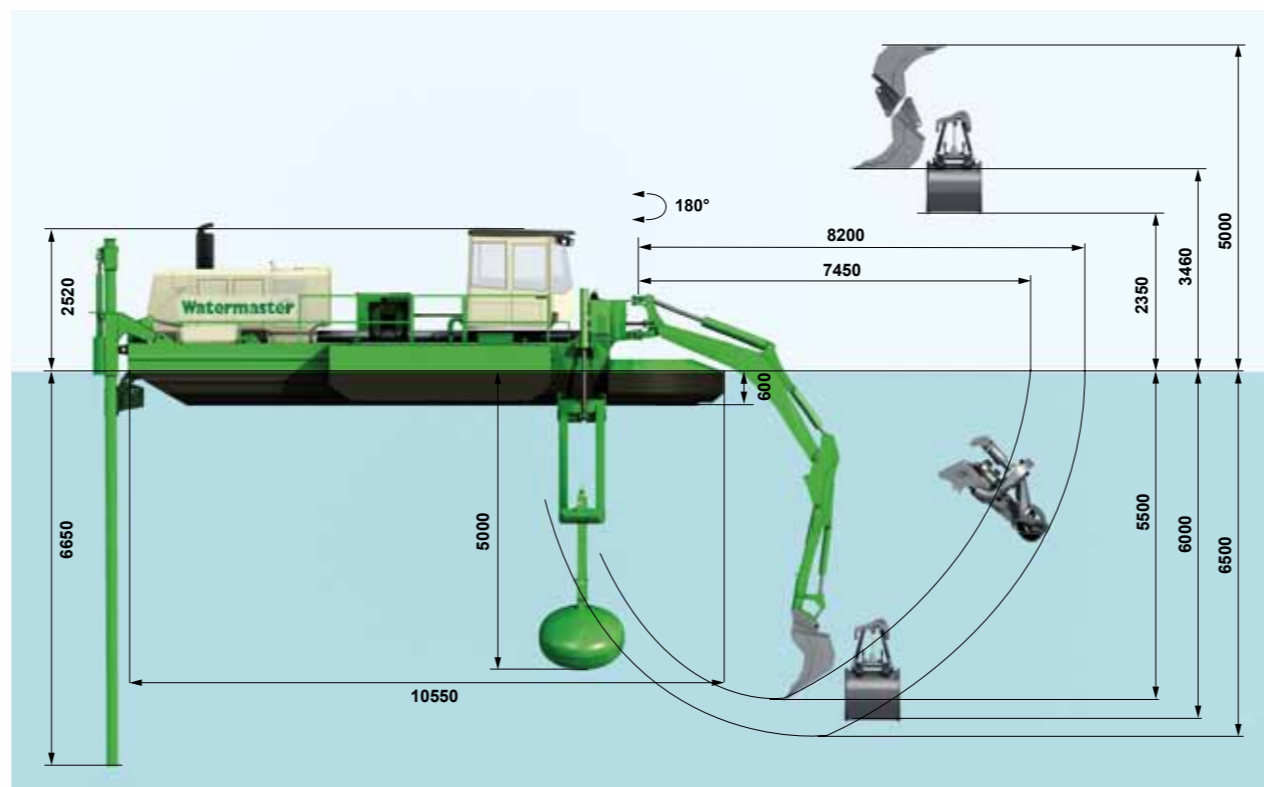


Watermaster

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

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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



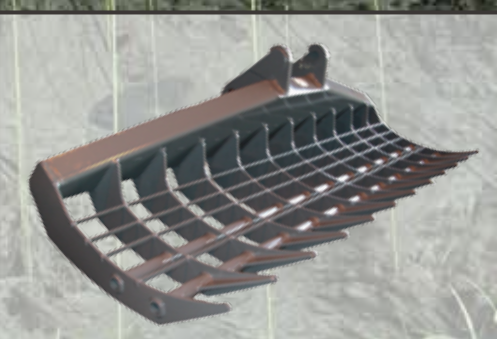
600 l bucket

- 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



modern & comfortable cabin



Caterpillar engine

discharging up to 1,5 km

side pontoons for stability

hull divided into 7 watertight compartments

quickly changeable attachments

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