



Watermaster



NEW  
CLASSIC V

Amphibious Multipurpose Dredger

CLASSIC V



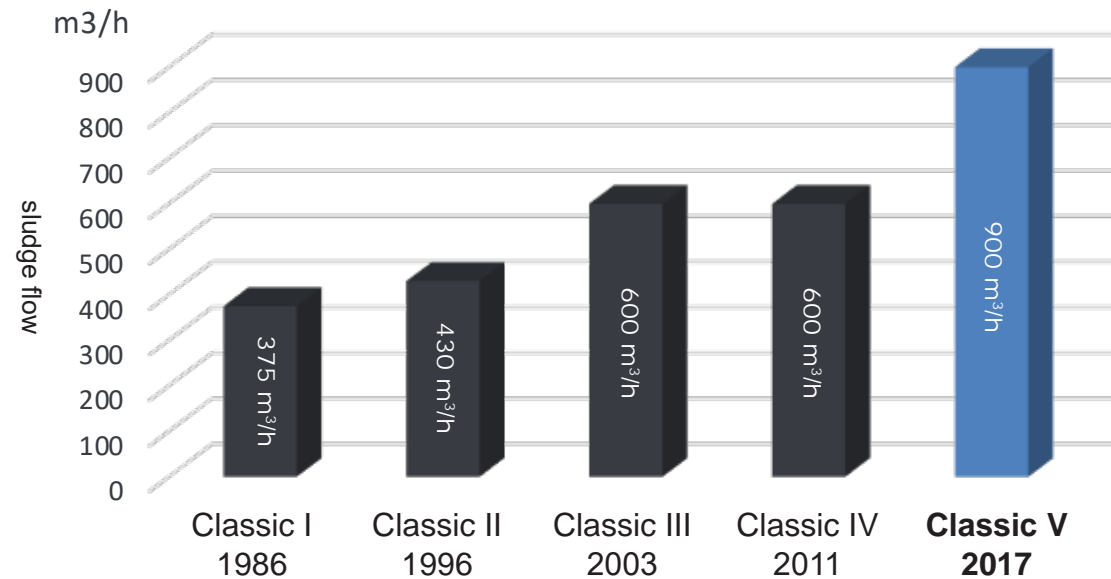
## GREATER RESULTS WITH NEW INNOVATIONS

### **Powerful. Mobile.**

The truly amphibious Classic V offers an unseen combination of mobility and heavy duty dredging capacity. New Aquamec innovations take Watermaster to a new performance level in soft soil, hard soil and urban dredging.

After years of research, development and thorough testing, the Watermaster Classic V is now ready.

CAPACITY



## +50 % DREDGING CAPACITY. SAME SIZE

### Classic V completes projects faster

It would be easy to increase dredging capacity by growing the size and weight of the dredger, but at the same time you would lose the excellent mobility, which is the key feature of an amphibious multipurpose dredger. The challenge has been to increase dredging capacity while keeping the dredger compact, mobile and robust at the same time. Watermaster Classic V combines power and functionality in a unique way.

The size of Watermaster has stayed basically the same (20 tons) since the first generation Classic I, but the dredging capacity has nearly tripled. The difference compared to Classic IV is +50 %.

INNOVATIONS

## URBAN DREDGING CONCEPT

### **Slice and pump the soil containing trash**

The innovative Watermaster Urban Dredging Concept, includes patented technology.

**Enables suction dredging at debris-filled urban sites where only excavation work was previously possible.**



## HARD SOIL DREDGING CONCEPT

### **Loosen and pump the hard soil**

New cutter crown for hard soil. New, more powerful hydraulic motor for more cutting force.

**Watermaster has reached a new capacity level in hard soil dredging.**



## CLASSIC V

### Watermaster Cutter Pump

sludge flow, up to	+50 %
max power to pump	+40 %
cutting force (max cutter torque)	+25 %

### Hydraulics:

hydraulic pump (for dredging pump and propeller), power	+37 %
hydraulic motor (of the dredging pump), power	+67 %
hydraulic motor (for cutter crown rotation), power	+25 %
acid proof cylinder rods	new

### Engine

Caterpillar C7.1, power	+22 %
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### Concepts for special applications

urban dredging concept	new
hard soil dredging concept	new

Heavy duty versatility. Unique mobility.  
Proven performance and support.