



Watermaster



Soluciones Watermaster para

PROBLEMAS RELACIONADOS CON AGUAS SOMERAS





PREVENCIÓN DE INUNDACIONES



Watermaster

LIMPIEZA DE CANALES URBANOS



ELIMINACIÓN DE VEGETACIÓN INVASORA



ACUINUGA

Watermaster

MANTENIMIENTO DE VÍAS ACUÁTICAS



La solución es:

WATERMASTER

Draga anfibia multipropósito



ANTES

Prevención de inundaciones
Filipinas



DESPUÉS

Prevención de inundaciones
Filipinas



ANTES

Eliminación de vegetación invasora
Sudáfrica



Watermaster
MILES DE PROYECTOS EXISTOSOS NOS AVALAN

DESPUÉS

Eliminación de vegetación invasora
Sudáfrica





ANTES

Eliminación de vegetación invasora
India



Watermaster



DESPUÉS

Eliminación de vegetación invasora
India





ANTES

Mantenimiento operativo de vías acuáticas

India



DESPUÉS

Mantenimiento operativo de vías acuáticas

India





ANTES

Limpieza de canales urbanos

Ghana



DESPUÉS

Limpieza de canales urbanos

Ghana



Por qué utilizar la draga anfibia multipropósito de Watermaster



Watermaster

VERSÁTIL

Dragado, pilotaje, rastrillado, y mucho más.

De 0 a 6 metros de profundidad.

Reemplaza varias máquinas de un solo propósito



MÓVIL

Movilidad única, en tierra y agua

Sin grúas, remolcadores, embarcaciones de apoyo, cabrestantes ni cables



PROBADA

Miles de proyectos completados con éxito en más de 70 países de todo el mundo

Fabricada en Finlandia

Para saber más sobre Watermaster, no dude en ponerse en contacto con nosotros, estaremos encantados de poder atenderle
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Watermaster

URBAN DREDGING
CONCEPT



URBAN DREDGING



INNOVATIVE URBAN DREDGING

Watermaster Urban dredging concept

Urban dredging is notoriously difficult due to the plastics and other debris in urban water areas. For this reason urban dredging is usually done by excavating. This conventional way is slow and the extracted materials need to be handled many times (see next page). Now there is a better way.

The Watermaster dredger can pump soils containing a considerable amount of trash and discharge the materials up to 1,5 km away via a pipeline. No extra steps, simple and efficient.

How is it possible that Watermaster is able to dredge in urban conditions that defeat all other machines?
Answer: It's all thanks to Watermaster's innovative new features.



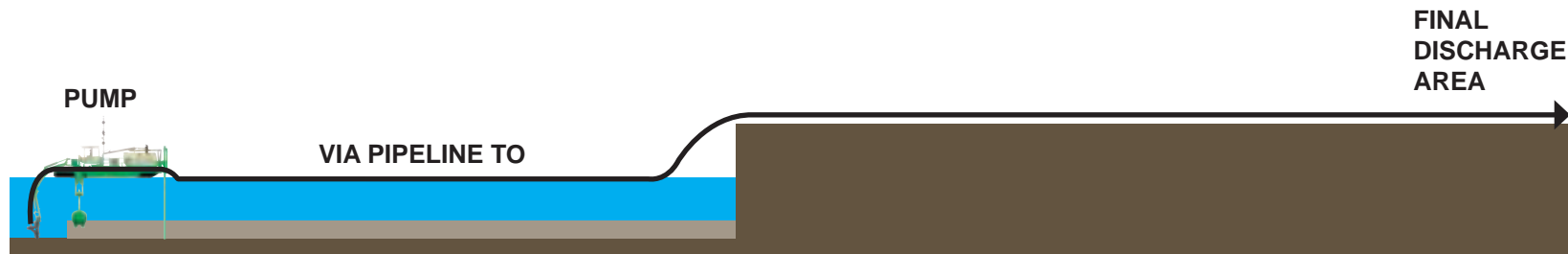
COMPARISON

WATERMASTER URBAN DREDGING CONCEPT



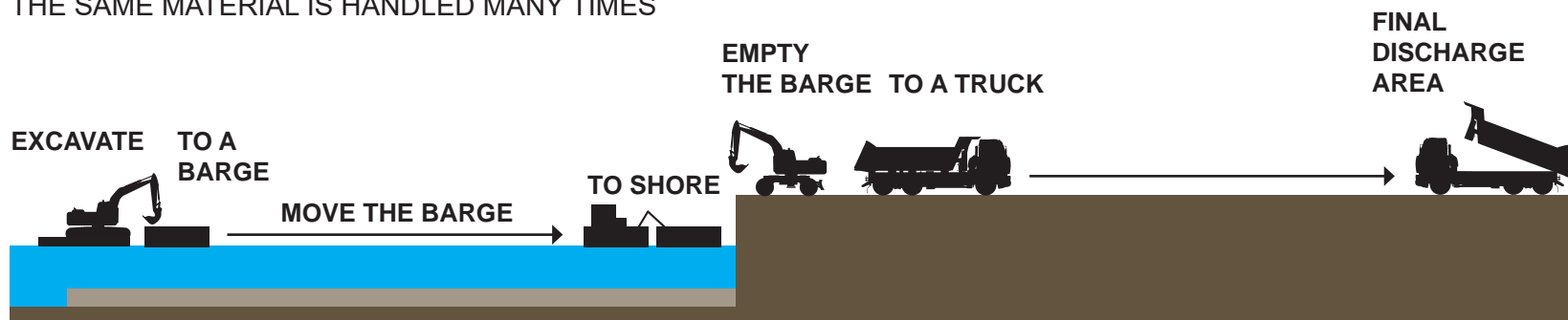
Watermaster

ONE MACHINE
ONE OPERATOR
THE SAME MATERIAL IS HANDLED ONLY ONE TIME



CONVENTIONAL

MANY MACHINES
MANY OPERATORS
THE SAME MATERIAL IS HANDLED MANY TIMES





FEATURE 1

CUTTING KNIFE SYSTEM

WATERMASTER URBAN DREDGING CONCEPT



MAKE THE DEBRIS SMALLER

The patented Watermaster Cutting Knife System

Watermaster's Cutter Pump has a unique, patented Cutting Knife System. The ideally shaped rotating cutter blade in front of the suction mouth, together with the stationary counter blades, slice the particles into smaller pieces that will then pass through the pump and pipeline.



FEATURE 2

OPTIMIZED COUNTER BLADES

WATERMASTER URBAN DREDGING CONCEPT



PREVENT BLOCKING THE PUMP

Special counter blades for urban dredging

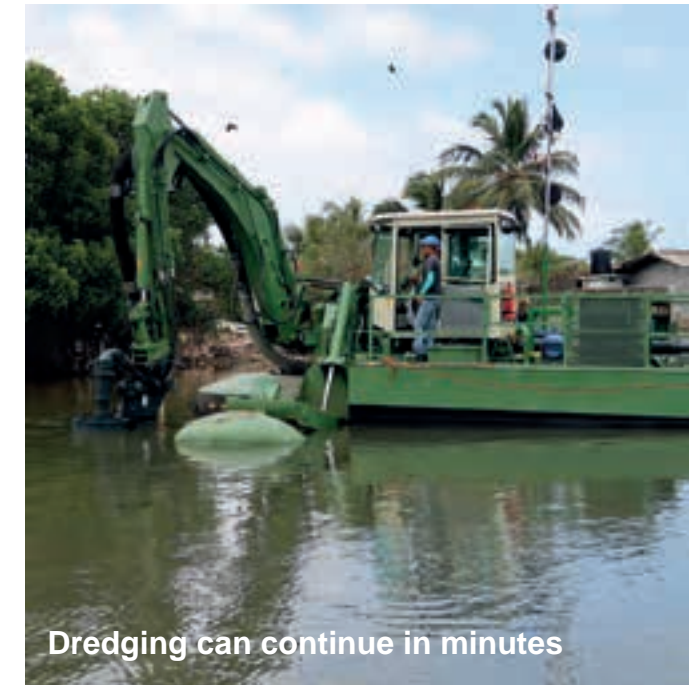
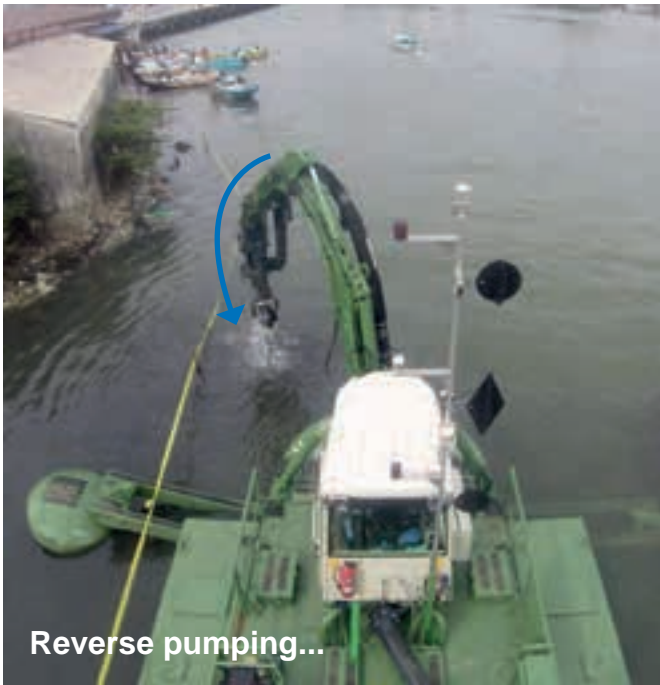
When working in urban water areas, the Watermaster Cutting Knife System is equipped with special counter blades that significantly improve the capacity of dredging soils containing plastics and other trash. The particles are efficiently sliced into small enough pieces before entering the pump thus reducing blockages drastically.



FEATURE 3

REMOTE CLEANING

WATERMASTER URBAN DREDGING CONCEPT



EASY REMOTE CLEANING

Continue dredging in minutes

Watermaster is in a class of its own in urban dredging efficiency, and that includes the periodical cleaning of the cutter crown and pump. This part of the urban dredging process slows other machines down.

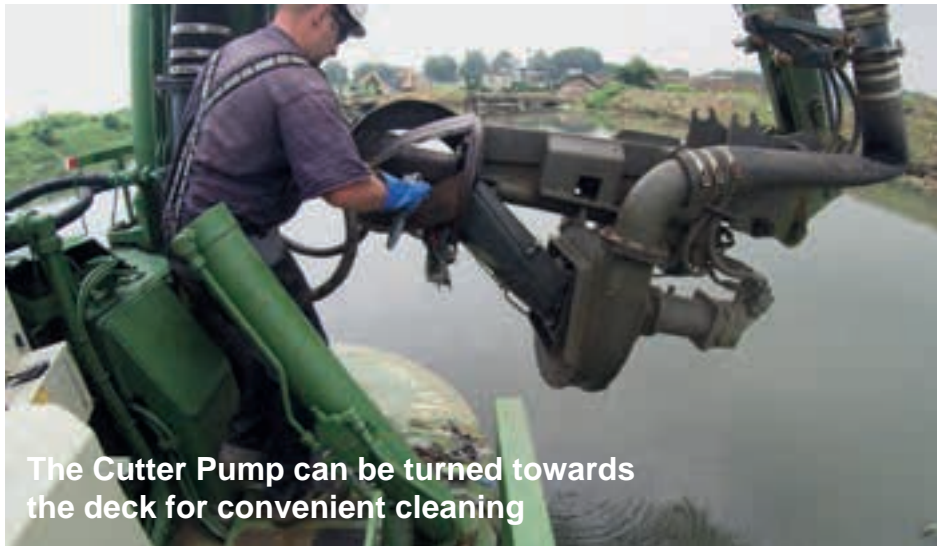
The dredging gauges in the cabin show the optimum time to start cleaning. Watermaster's unique reverse pumping capability allows the operator to remove small blockages from the pump remotely without exiting the cabin.



FEATURE 4

MANUAL CLEANING

WATERMASTER URBAN DREDGING CONCEPT



RAPID MANUAL CLEANING

From deck. Removable cleaning plate

When the blockage needs more attention, the whole Cutter Pump can be turned towards Watermaster's own deck. The cleaning can be done by one person without assisting vessels. The easily removable cleaning plate on the suction pipe speeds things up even further. The dredging can continue quickly.



FEATURE 5

INTEGRATED WATERMASTER OPERATING SYSTEM (IWOS)

WATERMASTER URBAN DREDGING CONCEPT



SUPERIOR DREDGING EFFICIENCY

The IWOS advantages

IWOS is a combination of features that raise Watermaster's dredging efficiency to its own level.

Watermaster operates independently without separate anchors, wire-cables and assisting vessels. Watermaster covers a large area from each position which minimizes the need to reposition the machine and maximizes the productive dredging time (only 4% of the total work time goes to repositioning the machine). Conventional dredgers need to reposition constantly and their pump system is not optimized for urban dredging. This leads to low dredging efficiency.

Their wire-cables also need a lot of space, prohibiting their access to narrow urban water areas.

In the case of large-sized debris or stones, Watermaster can quickly switch to backhoe dredging mode and remove the objects by excavating. If any piling, raking or hammering work is required, the versatile Watermaster can handle that, too.



smart solution for hard work

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