

V-robo[®]

Suction-adhering auto-traveling robot
Patented in Japan and worldwide



Two suction disc move like an inchworm while suction-adhering to the surface.

Suction-adheres to and freely moves along the surface of a wall, floor, etc. underwater !!

Scrubs persistent stains off !!

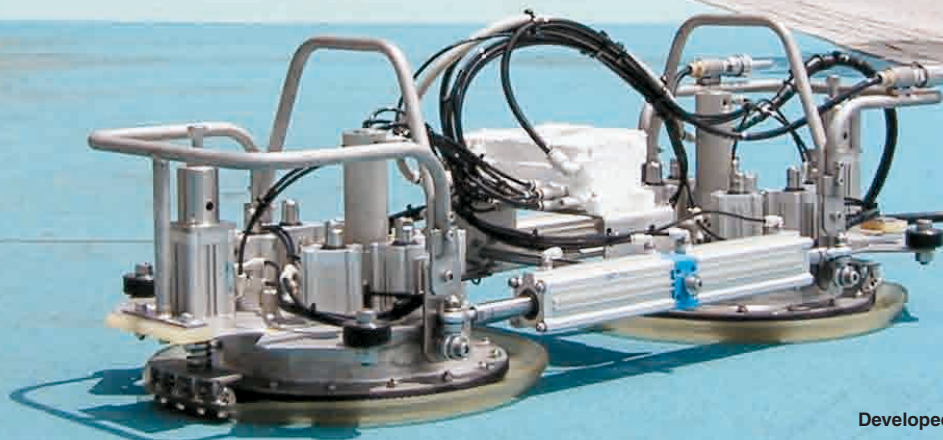
Suction-recovers waste instantly !!



NEW PRODUCT

V-robo/30D

Suction-adhering auto-traveling underwater cleaning robot



Developed and manufactured by:

有限会社 浦上技術研究所
Urakami Research & Development Co., Ltd.
www.urakami.co.jp

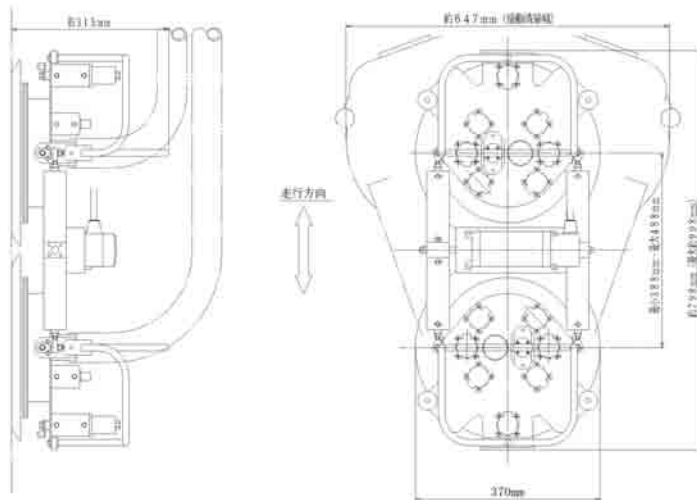
- Remote control ensures safety
- Recovery function prevents pollution
- Higher efficiency achieved
- Also works on curved surfaces, such as pipes
- Also works on steel, concrete and tile surfaces
- Exposure to radiation at nuclear facilities minimized

Applications

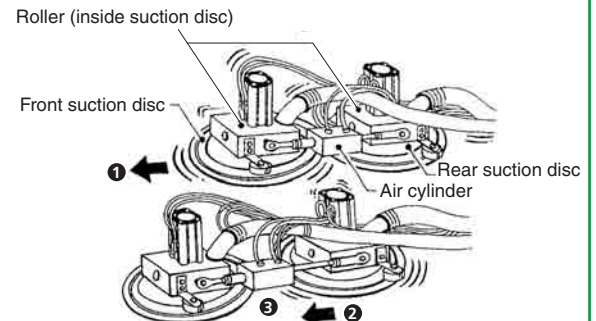
Ships/Bridge piers/Marine structures	Power plant water inlets (thermal/nuclear)
Water supply/Sewage systems	Various pools at nuclear facilities
Oil storage tanks/GS underground tanks	Aquariums/Fountain ponds, etc.



Suction discs swing laterally and clean a wide area



※The specs may change without notice.



- ① The roller inside the front suction disc protrudes first, followed by the forward movement of the front suction disc. (The roller then retracts.)
- ② The roller inside the rear suction disc protrudes next, followed by the forward movement of the rear suction disc. (The roller then retracts.)
- ③ Repeating ① and ② above, V-robo travels on the surface like an inchworm.

V-robo specifications

Cleaning width	Approx. 600 mm max. (when oscillating)
Traveling speed	Approx. 5 m/min max
Suction adhesion	Approx. 130 kgf at -250 mmHg
Weight	Approx. 22 kg

Standard product

V-robo main body, control panel, operating box, operating cable (20 m)

Optional

Suction pump, air compressor, underwater TV camera, suction hose, etc.

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