

ACR™ ROBOT 101 NALTA



 **CONJET**

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Efficient and portable

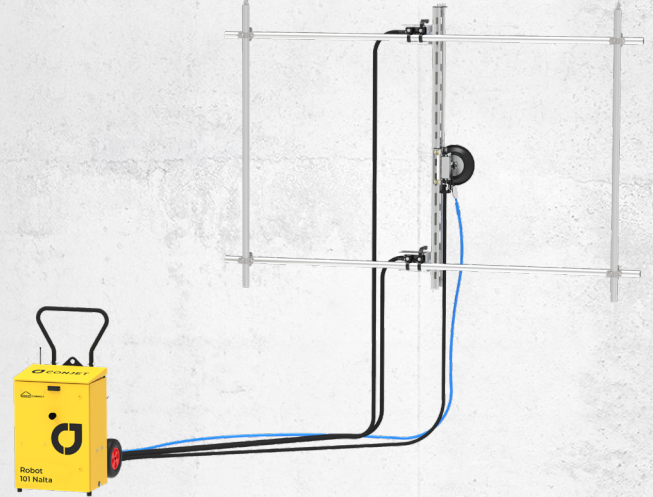
World's smallest hydrodemolition robot

The name Nalta, the Northern Swedish word for half of half, embodies the goal when Conjet designed the Robot 101 Nalta, the smallest and lightest fully automated concrete removal robot on the market. The Nalta is specifically designed to operate where space is limited, such as between a building and scaffolding. It can also quickly be dismantled into components small and light enough to be carried by one person.

The Nalta allows concrete removal in narrow, confined areas inaccessible with other methods. The Nalta is remotely operated from a distance of up to 164 feet (50 meters) on horizontal, vertical or angled surfaces.

Due to the unique design of the Robot 101 Nalta, where no electrical sensors are present at the cutting head, the robot can safely be used underwater for repair of bridge foundations and similar structures.

The Nalta consists of a cutting head mounted on a feed beam. The feed beam features step units that connect to standard scaffolding pipes. You also have the ability to design custom pipe framing to suit your specific needs.



OPTIMAL FOR

- Bridge bearing foundations
- Dam surfaces and spillways
- Dry docks and quay docks
- Canals
- Under water



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TECHNICAL DATA

Length per section	990mm (3ft 3in)
Weight per section	8kg (18lb)
Weight lance unit	12kg (26lb)
Weight step unit	9kg (20lb)
Weight hydraulic unit	90kg (198lb)
Maximum reaction force	600N
Power supply	1/3 phase, 50/60 Hz
Maximum water pressure	3000bar

CE, EMC certified



FEATURES

- Light and compact for narrow and inaccessible areas
- No electrical sensors at the cutting head
- Operates under water
- Remotely controlled by a handheld remote control box to secure the operators and bystanders safety
- Can be dismantled for transportation and easy handling
- The stepping frame is built from standard scaffolding components
- Prepared for Conjet Connect

Bridges. Parking Decks. Dams. Tunnels. Piers. If a concrete structure needs repair, Conjet has the optimal concrete removal solution for the task.

For over 35 years, we have led the development of robotic hydrodemolition technology – a technology with a proven track record as the most sustainable and effective method for concrete removal and other types of surface preparation.

We provide world class training and aftersales support for our partners and customers, Team Conjet, to ensure that projects are successfully performed in a safe, precise and efficient manner.

At Conjet, our collective knowledge and expertise has been built into our Automated Concrete Removal robots. Safe for the structure, safe for the operator and safe for the environment.

We call it ACR™



Conjet AB

Anläggsvägen 14
SE-136 25 Haninge
SWEDEN
+46 (0)8 55 65 22 40

Conjet Inc.

3400 Int'l Airport Dr., Ste 100
Charlotte, NC 28208
USA

www.conjet.com | info@conjet.com