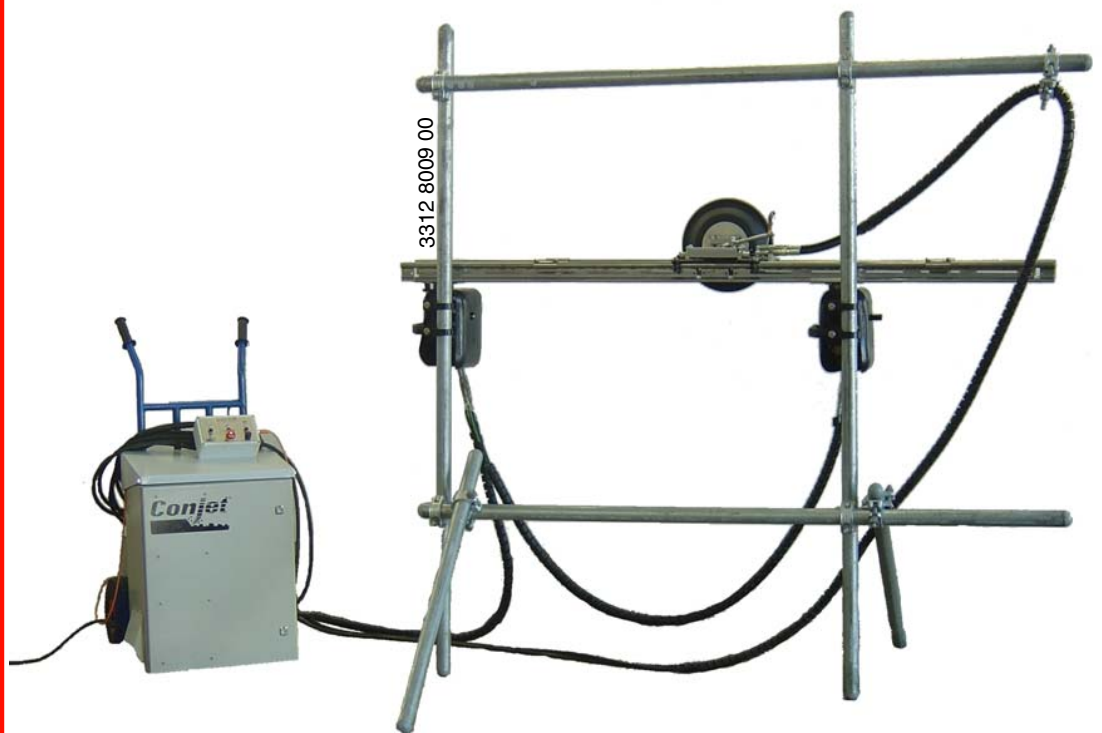


Jetframe

Conjet[®]

**Conjet NALTA
Jetframe 101**



"Nalta" is a colloquial expression from Vilhelmina in Lapland in Northern Sweden. It means half of half and half of that or just something very small.

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CE

APPLIED WATERJET TECHNOLOGY

Conjet NALTA - Jetframe 101

- **Robotizes your hand lance**
- **Increases safety**
- **Increases productivity**

The Conjet Jetframe 101 NALTA has been designed to replace hand lances for a large number of hydrodemolition applications, increasing productivity and improving safety for operators.

The compact and lightweight Jetframe 101 NALTA is supplied with high pressure water from a standard hand lance pump and can operate on flat as well as curved surfaces with a radius as small as 400 mm. It is mainly used for the hydrodemolition of concrete, but is also suitable for other applications, such as surface preparation and descaling of steel.

The Jetframe system NALTA consists of a feed beam with an oscillating lance, hydraulic unit and a remote control box. The oscillating lance, fixed to the cradle, travels along the 1.1 m long feed beam, which can also be extended with two extra sections to a maximum length of 3.3 m.



The patent protected Conjet Jetframe 101 NALTA replaces numerous hand lance applications, improving safety and increasing productivity.

The cradle moves, oscillating the lance between two manually set turning points on the feed beam. At each turning point, the lance angle of attack inverts. This function is mechanically automated which enables the unit to operate under water.

The Conjet research team has come up with a patented solution which allows four hydraulic hoses to control all functions of Jetframe 101 NALTA, including cradle movement, lance oscillation and angle as well as feed beam indexing step units.



Conjet Jetframe 101 NALTA mounted on standard rolling scaffolding exposing joints in the ceiling of a parking garage. The operator monitors and controls the process at a safe distance from the working area.

Conjet NALTA - robotizing your h

The hydraulic unit is powered by a single phase 230 V 10 A electrical supply. The remote control box controls all the movements of the Jetframe 101 NALTA.



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The feed beam is attached at each end to a patented hydraulically controlled step unit.

The two step units, fixed onto standard scaffold tubes (48,3 mm), automatically climb up and down after each pass of the cradle (cutting head). The step units can also operate on scaffold tubes bent to a diameter of 800 mm or more, making the versatile Jetframe 101 NALTA ideal for working on curved as well as flat surfaces.

The Jetframe 101 NALTA system is powered by a hydraulic unit that operates on a single phase 230V, 10A supply. It is mounted on a trolley for easy transport. The operator controls all movements of the Jetframe 101 NALTA from a hand held portable control box.

Jetframe 101 NALTA is prepared for radio control.



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The feed beam, with oscillating lance, is attached at each end to step units that fix onto and automatically climb up or down scaffold tubes as the process progresses.



3312 8008 89

Results from hydrodemolition with Jetframe 101 NALTA.

Optional rotor head for surface preparation

A rotor head is available as an option that can be used for numerous surface preparation tasks. If steel surfaces are blasted with water with a pressure exceeding 2500 bar grade HB 2 ½ grade can be achieved.



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The lightweight compact feed beam can easily pass through small manholes.



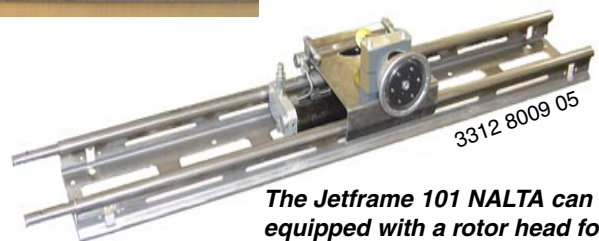
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Conjet Jetframe 101 Nalta set up for performing hydrodemolition in a coal silo using the existing scaffold.



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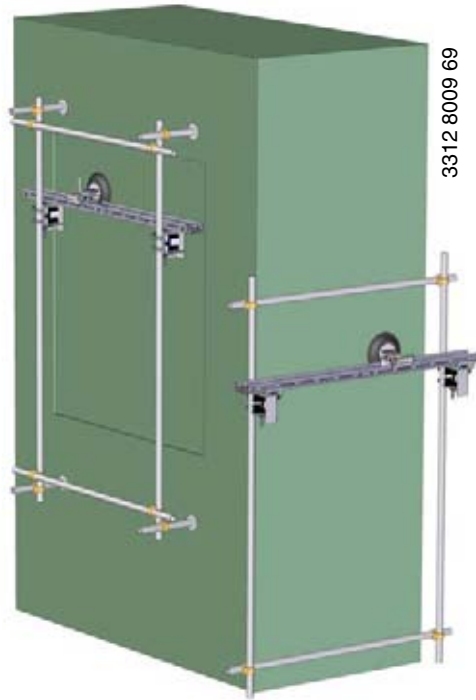
A steel plate blasted with high-pressure water. If the water pressure exceeds 2500 bar, grade HB 2½ can be achieved.



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The Jetframe 101 NALTA can be equipped with a rotor head for surface preparation.

and lance, safe and efficiently

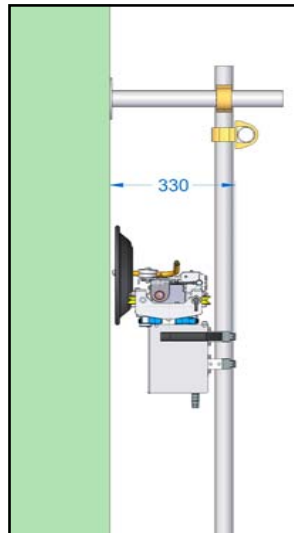


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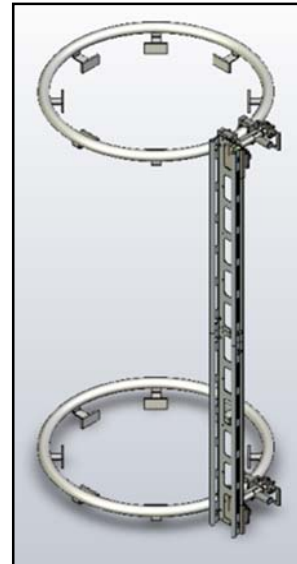
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With the feed beam mounted in front of the scaffolding pipes, the cutting area is limited.



3312 8009 67

By using support legs the feed beam can be mounted behind the scaffold tubes to provide unrestricted access to the cutting area.



3312 8008 90

The step units can automatically move the feed beam on scaffold tubes formed to a minimum diameter of 800 mm.



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Technical Data

| | |
|--|-------------|
| Length feed beam section (2 included in the delivery and maximum 3 sections may be connected) | 1100 mm |
| Weight feed beam section | 6 kg |
| Weight oscillating cassette | 14 kg |
| Weight step unit | 10 kg |
| Weight hydraulic unit | 90 kg |
| Width hydraulic unit | 510 mm |
| Depth hydraulic unit | 330 mm |
| Height hydraulic unit | 700 mm |
| Maximum reaction force | 600 N |
| Power supply | 230 V, 10 A |

CE, EMC certified

Options



Rotor

- for surface preparation and paint removal.
(Other rotors on request)



Radio control

- for increased flexibility.

Pictures are illustrative only and do not necessarily show the configuration of the products on the market at the given point in time. These products must be used in conformity with safe practice and applicable statues, regulations, codes and ordinances. Subject to change without prior notice.

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