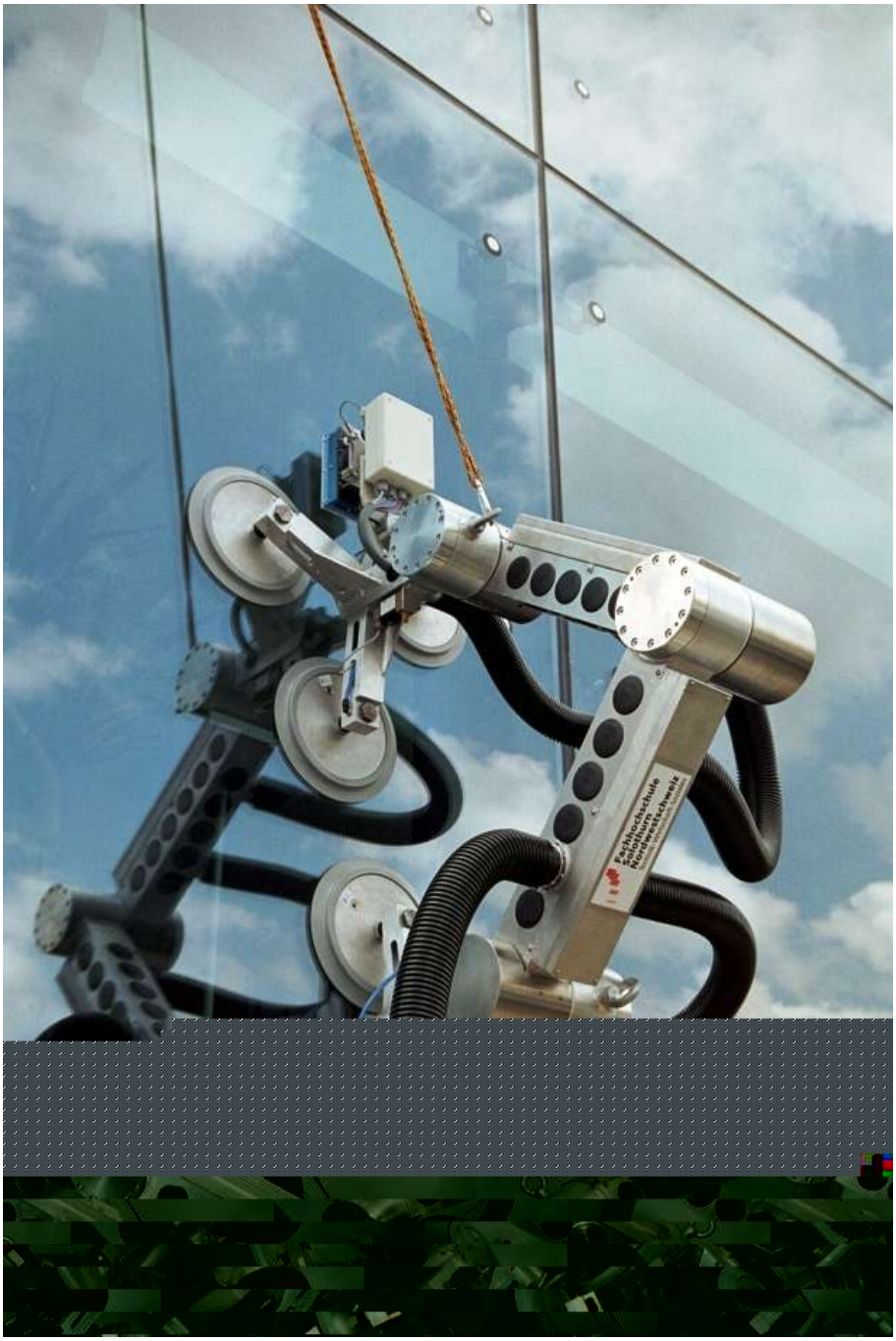
CleanAnt Profi

Cleaning robot for curved shapes on smooth surfaces

Intelligent robot technologies



Patented functional principle

The CleanAnt Profi is particularly suitable for curved shapes on smooth surfaces

SERBOT SWISS INNOVATIONS

designed by
Niederberger-Engineering AG

CleantAnt Profi – Qualities

Efficient facade cleaning due to intelligent robot technology

CLEANING CAPACITY

CleanAnt Profi grants a stainless cleaning result of glass and frames and therefore bequeaths a spotless results.

SAFETY

The **CleanAnt Profi** is able to work at wind speed that would prohibit manual cleaning for safety reasons and where ever human cleaning is not feasible.

SPEED

The **CleanAnt Profi** cleans up to 150 m^2 surface per hour. Hence the Robot is faster and by far more efficient than any manual cleaning.

COSTE-EFFECTIVE

Since the **CleanAnt Profi** may be run autonomously, or if desired so by joy stick, the robot is an unbeatable cost cutting investment.

Versatile fields of application

WE DEVELOP A CUSTOM-TAILORED SOLUTION JUST FOR YOU

Due to the unique seminal climbing technology of the mobile robots of SERBOT AG, there is a wide range of possible usage: The robot is able to clean solar panels, faces or any areas that are difficult to access, they may be used for impregnation or for any coating of surfaces. Furthermore, the high-tech robot my even be used to take over complex installation work. Entrust us your project. Our engineers will develop a custom-tailored solution for you!

Consulting & Services

You will get an overall perfect solution: We analyse your project, we develop the perfect solution, we set it up, we implement it including the applicable software and last but not least we train your operator on site. Regardless whether you need maintenance or enhancement of the functionality, we are at your disposal all around the clock!

For further Information please visit our homepage www.serbot.ch.

Technical Parameter

Standard prerequisites for the usage of the CleanAnt Profi

Height of the construction (max.)	300 m
Thickness of pane (min.)	8 mm
Width of frame (max.)	500 mm
Height of frame (max.)	500 mm
Cleaning capacity (max.)	2.5 m^2/min.

Weight	100 kg
Dimensions	800 x 1600 x 600 mm (w x l x h)
Supply	3 Phases
	Voltage 230 V / 400 V
	Electrical power 20 kW

Installation of the safety winch system with visible or concealed mono rail carrier

Don't hesitate - we innovate!

designed by ***Niederberger-Engineering AG***
Stanserstrasse 97
6374 Buochs
Switzerland

Tel.: +41 (0) 41 612 11 01
Fax: +41 (0) 41 612 11 02
E-Mail: info@serbot.ch
www.serbot.ch

25.02.2010