

IPC High Rise, winner of the Pulire 2009 Innovation Award. The solution for window cleaning



The highest concentration of modern skyscrapers more than 20-30 m high can be found in Asia, North America, the Middle East and Eastern Europe, together with most modern European cities. For these high rise buildings, the problem of routine façade cleaning is not always easy to solve and involves a high level of risk for the operatives who are normally lowered from the top of the skyscrapers in unstable gondolas. Harnessed like rock climbers, they then clean the windows manually, exposed to severe temperatures and currents of air which make the entire structure oscillate dangerously.

IPC, the largest group in Italy and one of the leaders in the world for the design and production of professional cleaning products, eliminates the problem with **High Rise** and **Ultra Pure System**, revolutionary environmentally-friendly systems for safely, rapidly and efficiently cleaning the glass façades of even the most dizzying skyscrapers

without height limits. A month's work in a single day!

High Rise is a robot, controlled remotely from the ground by means of a wireless system and lowered from the roof of a skyscraper adhering to the surface of the glass by means of patented thrusters exerting the correct pressure to guarantee contact and optimise the action of the self-cleaning rotary brush which removes the dirt. The surface is cleaned using pure demineralised water without chemical additives. It therefore leaves no pollutant residues and guarantees perfect cleaning (demineralised water is a powerful detergent) and an immediately dry surface. Compared to manual cleaning of glass façades, the robot **High Rise** method with the operator on the ground makes cleaning safer and more efficient, while greatly reducing labour costs and fully respecting the environment.

The water in fact comes from the **Ultra Pure System**, a unique water purifier combining a reverse osmosis system and a deionising system to produce 99.9% pure water with an extremely high cleaning power, thanks to the complete absence of lime and other mineral residues.

Combined with a brush and a telescopic extension, the **Ultra Pure System** can also be used for easy efficient manual cleaning up to a height of 20 m from the ground.



Integrated Professional Cleaning