

GEKKO III Plus

- Swiss Innovation
- The future of safe and cost-effective cleaning of facades
 - Maximum cleaning performance up to 240m²/h



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CLEAN

The GEKKO III Plus –
cleans glass surfaces and frames
without leaving water stains.

SAFE

The GEKKO III Plus –
replace manual cleaning (e.g.for safety
reasons.)The GEKKO III Plus can be
operated also in wind and adverse
weather.(Above 5°C)

COST-EFFECTIVE

The GEKKO III Plus –
costs in operation are much lower compared
to manual cleaning as the GEKKO III Plus
can be controlled automatically or by remote
control. No additional expenses for cleaning
platforms or blocking of streets.

FAST

The GEKKO III Plus –
cleans up to 240 m² of glass surface per
hour. The GEKKO III Plus cleans
approximately 13 times faster than
conventional methods.

The frames are cleaned at the same time.

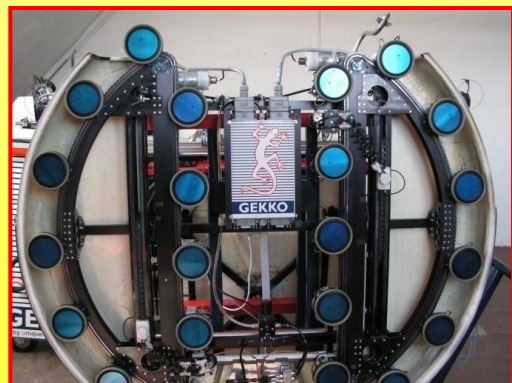
THE REVOLUTIONARY CLEANING ROBOT

The **GEKKO III Plus** – cleaning robot can be used for vertical glass facades. It can also overcome frames up to 4 cm thickness. It combines advanced technologies in the fields of vacuum, surface, cleaning and automatisisation.



THE INTELLIGENT CLIMBING METHOD

As the cleaning robot clings to the surface by means of special arrangement of feet, no gondola type of facade elevator is needed: 22 feet allow maximum safety and maneuverability. The feet are controlled by individual processors and grip onto facades using vacuum. The intelligent kinematic allow for maximum safety.



OUR SERVICES

We offer complete solutions with carriage and safety winch on a monorail vehicle attached to the roof top.

TECHNICAL DATA:

Maximum building height	300	m
Minimum width of glass	900	mm
Minimum length of glass	900	mm
Minimum thickness of glass	6	mm
Maximum width of frame	100	mm
Maximum height of frame	40	mm
Maximum speed	3	m/min
Maximum cleaning speed	2,5	m/min
Maximum cleaning performance	4	m ² /min

WEIGHT:

GEKKO	Carriage	54	kg
	Cleaning unit	19	kg
	Whole cleaning robot	73	kg
GEKKO-Trolley		59	kg

DIMENSIONS:

GEKKO	Width	1550	mm
	Length	1345	mm
	Length with sensor	1740	mm
	Height	475	mm

GEKKO-Trolley	Width	610	mm
	Length	1500	mm
	Height	1300	mm

Cable reel	Width	750	mm
	Length	2300	mm
	Height	1300	mm

ELECTRICAL SUPPLY:

www.serbot.ch	Three phase	400	V
	Type	CEE 16	A
	Power consumption	3,8	KW

The GEKKO III Plus in action

