

GEKKO III Junior



SERBOT
SWISS INNOVATIONS

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CLEAN

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

SAFE

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

COST-EFFECTIVE

The GEKKO III Junior–
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 Junior–
cleans up to 150m² of glass surface per
hour. The GEKKO III Plus cleans
approximately 8 times faster than
conventional methods.

The frames are cleaned at the same time.

THE REVOLUTIONARY CLEANING ROBOT

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



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: 18 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	750	mm
Minimum length of glass	750	mm
Minimum thicknes of glass	6	mm
Maximum width of frame	50	mm
Maximum height of frame	40	mm
Maximum speed	3	m/min
Maximum cleaning speed	2,5	m/min
Maximum cleaning performance	2,5	m ² /min

WEIGHT:

	Carriage	22	kg
GEKKO	Cleaning unit	13	kg
	Whole cleaning robot	35	kg

DIMENSIONS:

	Width	720	mm
GEKKO	Length	620	mm
	Length with sensor	800	mm
	Height	475	mm

	Width	750	mm
Cable reel	Length	2300	mm
	Height	1300	mm

ELECTRICAL SUPPLY:

	Three phase	400	V
	Type	CEE 16	A
	Power consumption	3,2	KW

The GEKKO III Junior in action

