GGRXSPC1

GROXX SINGLE PERSON CRADLE



OVERVIEW

The Groxx Single Person Cradle (Model Number: GGRXSPC1) is an industrial-grade, single-operator motorized suspended access platform engineered for vertical facade maintenance, high-rise window washing, and specialized structural installation tasks. Combining a robust hot-galvanized mild steel core chassis with lightweight, high-tensile aluminum alloy enclosure panels, this compact system delivers maximum mobility and reduced self-weight for deep vertical ascents.

KEY FEATURES

- **Deep High-Altitude Ascent Reach**: Formally rated to handle high-elevation structural operations with a maximum lifting height capacity of up to 150 meters.
- **Regulated Lifting Kinematics**: Driven by an integrated heavy-duty traction hoist system delivering a stable, smooth vertical ascent and descent speed between 7 and 9 meters per minute.
- **Dual-Risk Fall Mitigation**: Equipped with an intelligent mechanical safety lock featuring comprehensive anti-tilt monitoring alongside rapid anti-breakage locking engagement to instantly secure the cradle in place if line tension shifts.
- **Centralized Cable Management**: Features an active, high-capacity onboard rope reel system driven by an independent motor to ensure clean, tangle-free winding of the primary steel rope.

TECHNICAL SNAPSHOT

PARAMETER	GGRXSPC1
Model Number	GGRXSPC1 (Reference Parameter Code: SPC120)
Product Classification	Single Man Self-Powered Cradle
Safe Working Load (SWL)	120 kilograms
Physical Dimensions (Length by Width by Height)	1355 millimeters by 1355 millimeters by 2365 millimeters
Internal Basket Clearance Width	1200 millimeters
Internal Basket Structural Height	2115 millimeters
Chassis Metallurgy	Mild Steel finished with Hot Galvanization
Enclosure Panels	Lightweight High-Tensile Aluminum Alloy
Subsystem Component	Technical Parameter Matrix
Traction Hoist Unit	Model: LTD6.3
Mechanical Safety Lock	Model: LSB30B (Anti-tilt plus Anti-breakage protection)
Primary Safety Cable	8.3 millimeters diameter Steel Wire Rope (Model: T4by31 specialized series)

USE & INSPECTION

Install to the Groxx instructions by trained installers. Inspect before each use and at least every 12 months by a competent person.

STANDARDS

EN 1808:2015

Designed to EN 1808:2015. Test certificate on request.

FULL DATA SHEET ↗

Product page ↗