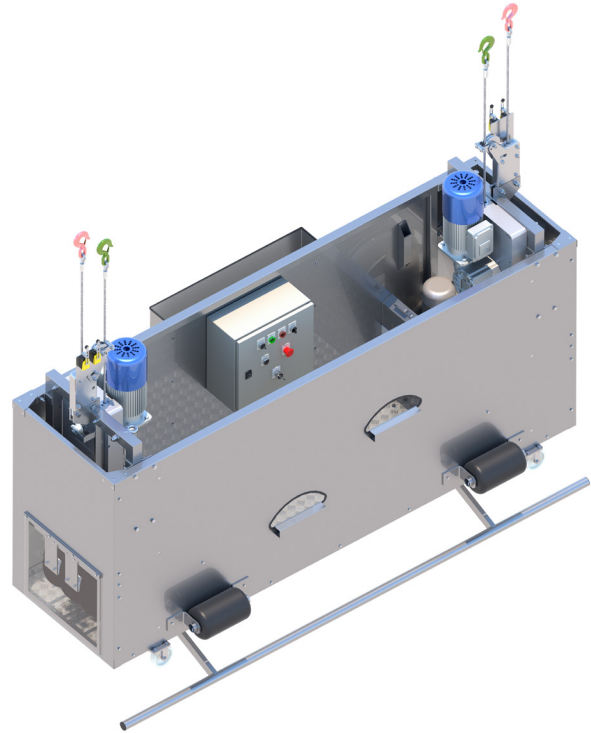
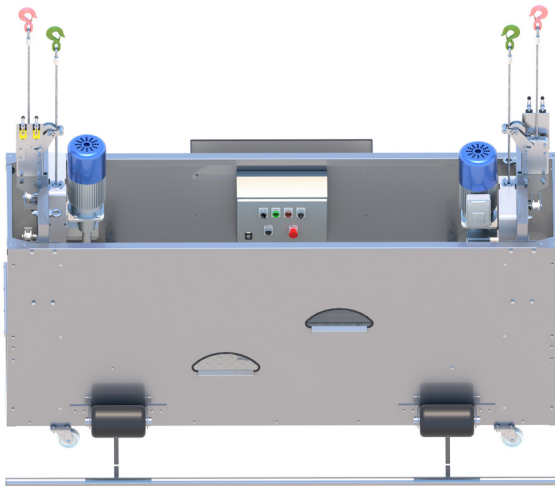


Self Powered Cradle



	SPC 2	SPC 2.5	SPC 3	SPC 3.5
Design Standard	EN 1808			
Distance between ropes (mm)	2000	2500	3000	3500
Overall cradle length (mm)	2439	2939	3439	3939
Nominal cradle width (mm)	670			
Overall width (safety bottom bar)	940			
Nominal cradle height (mm)	1000			
Weight (kg)*	300	325	350	375
Safe Working Load (SWL) (kg)	240			
Power Consumption (kW) **	2.2			
Suspensions and Safety Rope (mm) ***	Ø 8.4 (2 ropes per Traction Hoist)			
Electrical Supply Cable	4 x 1.5 mm ² , 3 phases + earth. For drops > 80m - 5 x 2.5 mm ² , 3 phases + earth			

*Self-weight without steel wire rope and power supply cable. Add 1.35kg/m for ropes and cable

** Power consumption at rated load

*** Breaking load 55 KN

CoxGomyl's Self Powered Cradle has been developed for an efficient and safe means of facade access. The cradle has been designed and constructed from steel in combination with aluminium solid panels.

- Designed with 4 different length dimensions to accommodate 2 operators, ranging from 2 to 3.5 metres.
- Able to reach a maximum drop of 150 metres.
- EN1808 certified for all configurations.

Self Powered Cradle

Standard Features

- Welded aluminium structure with 1.2 aluminium cover panels around the cradle
- Exclusive L shape aluminium covers to avoid sharp edges
- Anti-slip solid aluminum floor checkered plate 3/5 mm thickness
- Traction hoist with:
 - Electro-mechanical overload detection device
 - Elector-mechanical service brake
 - “No Power” emergency descent
 - Thermal protection
 - Hour meter
 - Mechanical slack rope safety device
- Twin aluminium wire winders covered with removable panel to easily check rope winding
- Safety harness point
- Two non marking wall shock absorber rollers (140mm diameter and 240 mm length)
- Bottom limit safety bar
- Top limit switch
- Ultimate top limit switch
- Mechanical anti-tilt device
- Reinforced access hollows to allow an easy cradle access
- Restraint system to connect the SPC to fixed points in the building for drops higher than 40 metres

Control Box

- IP-65 protection
- ON Power light indicator
- Up/down turn button
- Hoist selector switch
- Emergency stop button
- Overload warning indicator
- Bottom trip bypass button
- Low voltage 24Vdc control circuit
- MCB as main switch
- Thermal overload breakers for traction hoist motor
- Automatic levelling
- Main power plug with phase reversal
- Set of 4 castor wheels for easy transportation
- Cable storage bin
- Powder coating painting RAL
- Suitable for indoor and outdoor use

Optional Features

- Traction hoist capacity of 600 kg
- Absorber rubber to protect all cradle corners
- Traction hoist cover to protect it during storage
- Extra two wall shock absorber rollers
- Extensible upper wall shock absorber rollers
- Light weight water tank
- Other special requirements