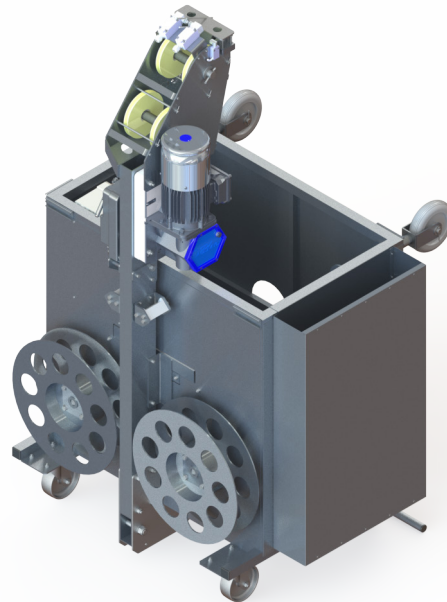
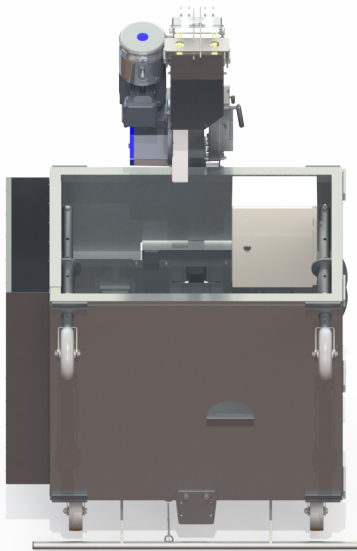


# Self Powered Cradle - Single Person



	SPC 1
<b>Design Standard</b>	EN 1808
<b>Nominal Length</b>	1000 mm
<b>Cradle Width</b>	600 mm
<b>Cradle Height</b>	1000 mm
<b>Overall Length</b>	1100 mm
<b>Weight*</b>	180 kg
<b>Safe Working Load (SWL)</b>	120 kg
<b>Power Consumption**</b>	2 kW
<b>Suspensions and Safety Rope***</b>	Ø 8.4 mm (2 ropes per Traction Hoist)
<b>Electrical Supply Cable</b>	4 x 1.5 mm <sup>2</sup> , 3 phases + earth. For drops > 80m - 4 x 2.5 mm <sup>2</sup> , 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 re-designed and constructed from lightweight aluminum in combination with solid panels.

- The cradle is equipped with a unique self-powered frame including a custom developed traction hoist.
- Designed to accommodate one operator and reaching a maximum drop of 150 meters.
- Fully manufactured in Europe and EN1808 certified.

### Key Features

- Suitable for indoor and outdoor use
- PLC controller
- Light and robust design
- EU components

# Self Powered Cradle - Single Person

## Standard Features

- Exclusive L shape aluminium covers to avoid sharp edges
- Anti-slippery solid aluminum floor checkered plate 3/5 mm thickness
- CoxGomyl Self Powered Frame
  - Aluminium structure
  - Powered by CoxGomyl traction hoist with:
    - Electro-mechanical overload detection device
    - Electro-mechanical service brake
    - "No Power" emergency descent lever
    - Thermal protection
    - Slack rope safety device
  - Fall Arrest Device
  - Twin Aluminium wire winder
  - Safety harness point CE-accredited EN-795: 2012
- 2 telescopic and rotary arms with non-marking wall caster wheels
- Bottom limit safety bar
  - Limit switch protected and displaced to an upper position to avoid knocks when working in the cradle
- Top limit switch
- Ultimate top limit switch
- Mechanical anti-tilt device
- Triangular absorber rubber to protect all cradle corners
- Set of 4 castor wheels for easy transportation
- Reinforced XL access hollow to allow an easy cradle access
- Restraint system to connect the SPC to fixed points in the building

## Control Box

- IP-65 protection
- PLC (Programmable Logic Controller)
- ON Power light indicator
- Up/down turn button
- Hoist selector switch
- Emergency stop button
- Overload warning indicator
- Hour meter
- Bottom trip bypass button
- Main power switch (lockable)
- Low voltage 24Vdc control circuit
- MCB as main switch
- Thermal protection for traction hoist motor
- Automatic levelling
- Main power plug with phase reversal
- Over speed safety device
- EU components

## Optional Features

- Extra 2 wall shock absorber rollers
- Light weight water tank
- Cable storage bin
- Powder coating painting RAL
- Other special requirements