

**60+**  
SINCE 1961

# VERTICAL ACCESS SOLUTIONS



**PILOSIO**  
SCAFFOLDING & FORMWORKS



# RACK AND PINION VERTICAL ACCESS SOLUTIONS



Mast climbing  
work platforms



Transport platforms  
and material hoists



Construction  
hoists



## ADVANTAGES

- Improved overall job site management
- Quick and easy installation
- It can be installed in urban centers and small spaces
- Easy to use via an intuitive control interface
- Compact dimensions for easy storage and transportation
- Versatility and modularity for ease of configuration with different sizes and heights, thus adapting to a variety of needs
- Faster time of project execution resulting in reduced costs
- High efficiency and operator safety
- Ergonomic for the operators
- Equipped with a variety of safety devices that make them very safe
- Any company making use of them will stand out as innovative.

## SERVICES AND SUPPORT

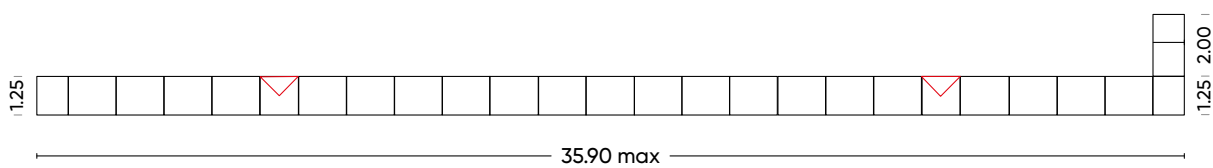
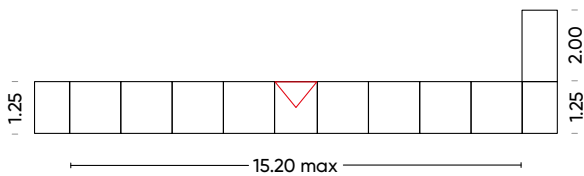
- Commercial and technical support
- Design consultancy to choose the optimal equipment
- Leasing and financial options in cooperation with our partners
- Technical reports, calculation reports, design of special configurations
- Design and implementation of special elements
- Assembly and disassembly at the job site performed by trained and qualified Pilosio technicians
- Technical support service at the job site
- Maintenance service and periodic inspections
- Field training for use, assembly, and disassembly
- Training courses on safety

## MAST CLIMBING WORK PLATFORMS

Ideal for facade works, modular in height and length; the mast climbing work platforms can be either single or double mast and enable a variety of works to be carried out: new constructions, renovations, maintenance, installation of cladding, and facade works.

They are also used in industrial maintenance and for interventions on bridges, viaducts, dams, towers, and chimneys.

The COSMOS model can be completed with a certified landing ramp.



MODEL	MAST	MAXIMUM LENGTH	MAXIMUM CAPACITY	PLATFORM LENGTH	LIFTING SPEED	MAX HEIGHT	ANCHORAGE DISTANCE	GEAR MOTOR NUMBERS AND POWER	POWER SUPPLY
ESI	Single	8,8 m	1000 kg	1,00+0,7 m	8 m/min	150 m	6 m	2x1,5 kW	400 V
ESI	Twin	26,6 m	2800 kg	1,00+0,7 m	8 m/min	150 m	6 m	4x1,5 kW	400 V
COSMOS	Single	11,8 m	1900 kg	1,25+0,95 m	8 m/min	150 m	6 m	2x3 kW	400 V
COSMOS	Twin	32,1 m	3800 kg	1,25+0,95 m	8 m/min	150 m	6 m	4x3 kW	400 V
ESA	Single	15,2 mt	2280 kg	1,25+0,95 m	10 m/min	150 m	2 m	2x3 kW	400 V
ESA	Twin	35,90 m	4100 kg	1,25+0,95 m	10 m/min	150 m	6 m	4x3 kW	400 V

# TRANSPORT PLATFORMS

They represent an ideal vertical access solution for safely transporting both people and materials at height. They can be installed both outside the buildings and inside, fastened directly to the facade or the fixed scaffolding, and are used in new constructions, renovations, and industrial maintenance. They have double-speed, and programmable floor stops with landing gates. They are modular and can reach different heights.



Modular, versatile,  
easy to install and to use,  
available in different sizes  
and with different  
loading capacity

MODEL	BASKET SIZE	MAXIMUM PEOPLE CAPACITY	LIFTING SPEED FOR MATERIALS ONLY	LIFTING SPEED	MAXIMUM HEIGHT	ANCHORAGE DISTANCE	GEAR MOTOR NUMBERS AND POWER	POWER SUPPLY
ESC 500	Mono-phase	1,5x1,34 m	500 kg	12 m/min	120 m	6 m	1x2,2 kW	220 V
ESC 500	Three-phase	1,5x1,34 m	500 kg	12 m/min	120 m	6 m	1x3,1 kW	400 V
ESC 1000	Three-phase	1,8x1,40 m	1000 kg	12 m/min	150 m	6 m	2x3,1 kW	400 V
ESC 1500	Three-phase	3,20x1,40 m	1500 kg	12 m/min	150 m	6 m	2x7,5 kW	400 V

# CONSTRUCTION HOISTS

They represent the most efficient, versatile, and fastest vertical access solution for transferring people and materials to various floors in renovation, industrial, Oil&Gas, marine, and port construction sites. The hoist can land at any level of the scaffolding, building, skyscraper, or infrastructure, including significant heights. The main function is to transport people and materials quickly to a height and can also be used as a rescue hoist.



The fastest vertical access solutions for people and materials.

MODEL		CABIN SIZE	MAXIMUM CAPACITY	LIFTING SPEED FOR PEOPLE	LIFTING SPEED FOR MATERIALS ONLY	MAXIMUM HEIGHT	ANCHORAGE DISTANCE	GEAR MOTOR NUMBERS AND POWER	POWER SUPPLY
ESP 1000	Three-phase	2,0x1,10 m	1000 kg	24 m/min	24 m/min	150 m	6 m	2x3 kW	400 V
ESP 1500	Three-phase	3,0x1,40 m	1500 kg	30 m/min	30 m/min	150 m	6 m	2x7,5 kW	400 V



**PILOSIO**  
PONTEGGI E CASSEFORME



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