

MODEL-SPECIFIC BUYER RESOURCE

SM-GTP-101 Construction Hoist

Verified product data, conformity evidence and the project inputs required before SEKLIFT can confirm an offered configuration.

2,500 kg Rated load per cabin	24 persons Per cabin	36 / 54 / 90 m/min Published speed options
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Application

The SM-GTP-101 is a rack-and-pinion construction hoist for temporary vertical transport of personnel and materials. It is available in single- and dual-cabin arrangements. Selection depends on the required duty, travel, landings, site power, interfaces and destination-market requirements.

Published values are model data, not a guarantee that all maximum values are simultaneously achievable in every project.

Verified core data

Model	SM-GTP-101
Product type	Rack-and-pinion personnel and material construction hoist
Rated load	2,500 kg per cabin
Persons	24 per cabin
Speed options	36 / 54 / 90 m/min
Published travel height	Up to 200 m; higher arrangements require project engineering
Cage internal dimensions	3000 × 1500 × 2000 mm
Configuration	Single cabin or two equivalent cabins
Dual-cabin combined figure	5,000 kg and 48 persons across two cabins — not per cabin and not a throughput claim

Mechanical and interface data

Front / rear door opening	1500 × 2000 mm
Side opening	2.6 m
Mast section	550 × 550 mm; 1500 mm section length
Rack	Module 6
Mast bolts	M24 × 260, property class 10.9

Published electrical packages

36 m/min package	2 × 9.2 kW; 120 A; 33 kW
54 m/min package	3 × 7.5 kW; 150 A; 40 kW
Supply / controls	400 V, 50 Hz; control circuits 48 V AC / 50 Hz and 24 V DC
90 m/min package	Final drive and electrical arrangement must be confirmed for the selected configuration

Safety architecture documented for the model

- Overspeed safety device and emergency stop provisions.
- Door and landing interlocks intended to prevent operation when access points are not secured.
- Upper/lower limit and final-limit functions within the documented control architecture.
- Overload monitoring and phase / electrical protection within the selected electrical package.

The exact component selection, test documentation and site acceptance requirements must match the offered machine and local project rules.

Conformity evidence

Document	EC Type Examination Certificate
Designation on certificate	SM-GTP-101
Certificate	CAC-M-0001-3
Referenced standard	EN 12159:2012
Issue / validity	Issued 30 June 2022; valid to 29 June 2027

Notified body

2828

What SEKLIFT needs to confirm a proposal

1	Transport duty	Personnel, materials, or mixed use; anticipated operating pattern
2	Capacity	Required payload and expected load distribution
3	Travel and landings	Total lifting height, number of landings and landing elevations
4	Cabin arrangement	Single or dual cabin; door and loading-side requirements
5	Site interfaces	Available mast / tie locations, base conditions and access constraints
6	Power	Available voltage, frequency and supply capacity
7	Environment	Indoor/outdoor conditions, temperature, wind, dust, corrosion or special hazards
8	Location	Project country and applicable acceptance / documentation requirements
9	Programme	Required delivery, installation and commissioning sequence

Selection limitations

- Final capacity, speed, height, cage arrangement, drive package, electrical demand, ties, base and landing interfaces are configuration-dependent.
- A published maximum is not confirmation that it can be combined with every other maximum in one machine.
- The certificate applies to the named assessed model/configuration; project modifications and destination-market obligations must be checked against the offered machine.
- The dual-cabin combined figures are the sum of two equivalent cabins. They are not per-cabin figures and do not establish hourly productivity.
- Site installation, commissioning, inspection and acceptance remain project-specific.

Source record

seklift.com/products/construction-hoists/

seklift.com/blog/sm-gtp-101-technical-evidence-note/

seklift.com/certifications/

Technical proposal: seklift.com/contact-us/ · info@seklift.com