

Technical specifications

MAIN CHARACTERISTICS

- Light, robust design and excellent comfort
- Single and dual car configurations
- Triple entrance possible at ground level and at any landing level
- Energy efficient drive unit with low power consumption
- Light weight and high-efficiency helical gearbox of aluminum, provides low power consumption and reduced operational costs
- Advanced control system with group control and fault diagnostics system.
- New driving modes will help the project manager optimize the use of the hoist and enhance vertical transportation logistics at the jobsite.
- Built-in aluminum electrical cabinet maximises internal hoist dimensions for increased lifting capacity
- Wide range of optional equipment and functions
- My Alimak connectivity system
- Fully compliant with EN 12159:2024



ALIMAK SCANDO 650a 40-46 S

Motor control	Frequency control (FC)
Payload capacity, max. / car	4,000 kg (8,800 lbs)
Travelling speed	76–100 m/min. (250–328 fpm)
Lifting height, max.	200 m (650 ft)
Car width, internal	1.5 m (4'-11")
Car length, internal	4.6 m (15'- 1 7/8")
Car height, internal	2.3 m (7'-6 1/2")
Max. load space per car	15.8 m ³ (560 ft ³)
No. of motors	3 x 22 kW
Safety device type	Alimak GFDIII H
Power supply range	400 V, 50 Hz, 3 phase
Recommended supply fuse	200 A
Starting current	175 A
consumption	91 kVA
Type of mast	650, tubular steel with integrated rack
Length mast section	1.508 m (4'-11 3/8")
Weight mast section with 1 rack	118 kg (260 lbs)
Rack module	5

For other demands or specifications, please consult your Alimak representative.