

PERMANENT ELEVATOR

Alikraft model is the designation of a modular concept of Rack & Pinion Elevator & Hoist developed and designed for use in industrial environments. The lower capacity Elevator are perfect for personnel transportation and the bigger capacity Hoist are strong and spacious enough to carry materials of up to 2000 Kg weight. The range is thus extremely versatile.

RACK AND PINION

The Rack and Pinion system is simplicity beyond question; with a 100 percent mechanical efficiency to provide precise and positive control and operations for transportation to unlimited heights. Each and every rack segment and pinion is machined to produce the quality finish required for safe and positive operation.



RACK AND PINION ADVANTAGE



- Higher factor of safety.
- Greater resistance to windy and hostile environment.
- Low operational costs and minimal maintenance.
- Curved and inclined traveling possible.
- Suitable for external and internal applications.
- No machinery room is needed.
- Easy erection from cage roof.
- Modular interchangeable system for various combinations.
- No Ropes or Sheaves required.
- No restriction in lifting height.
- Easily be retrofitted to existing structure.



TECHNICAL SPECIFICATION PERMANENT ELEVATOR

Particulars	Unit	Model AK400	Model AK1000	Model AK1500	Model AK2000
Pay load capacity	Kg	400	1000	1500	2000
Cage internal Dimension (WxLxH)	M	1.0 x 1.1 x 2.1	1.3 x 2.2 x 2.1	1.3 x 2.5 x 2.1	1.3 x 3.0 x 2.1

Maximum Mast Height					
Flat Mast	M	300	-	-	-
Rectangular Mast	M	425	250	200	200
Square Mast	M	425	250	250	250
Speed at 50 Hz	m/min	28.0/40.0	28.0/40.0	28.0/40.0	28.0/40.0

Motors					
Power	KW	1 x 9.2	2 x 7.5/2 x 9.2	2 x 9.2/2 x 12.5	2 x 12.5/3 x 12.5

Weight					
Fast Mast	Kg	65	-	-	-
Rectangular Mast	Kg	110	110	110	110
Square Mast	Kg	130	130	130	130
Mast Length	M	1.508	1.508	1.508	1.508
Height required above top landing	M	4.5	4.5	4.5	4.5
Minium clear space required	M	1.5 x 1.5	2.9 x 3.0	3.2 x 3.0	3.7 x 3.0
Distance between cable guides	M	6/9	6/9	6/9	6/9
Distance between anchors	M	1.5	6/9	6/9	6/9

- ▶ Increased lifting height can be offered on request.
- ▶ Twin cage on single mast can be offered on request.
- ▶ Floor selection can be offered on request.

Specifications of products and equipment shown herein are subject to change without notice.