

# BISOMAC 210 L series

Traction Hoist for Suspended Platform



EXCLUSIVE  
for  
U.S.A.

**Advanced Technology Delivers  
Maximum Performance  
In A Compact Design**



NIHON BISOH is proud to announce the release of the new BISOMAC210-1000L, a remarkably compact and efficient Traction Hoist featuring our exclusive patented traction principle. Easy to maintain and highly durable, this full-featured and powerful BISOMAC210 is the next-generation traction hoist for the new era of ultra high rise buildings.



# NIHON BISOH Proudly Introduces the Traction Hoist for the 21st Century!

## BISOMAC210 L Series Description

Operation  
Button

Hour Meter

Emergency Stop

Operator's  
Manual Tube

Electric Motor

Side Cover for Sheave

Overspeed  
Detection Device

Lifting Eyelet

Emergency  
Control Descent

Cable Guard

Electromagnetic  
Brake

Wire Rope Outlet

Stirrup Adapter

Suspension Wire Rope Inlet

Control Box

Carrying  
Grips

Socket for  
Pendant  
Control

208V AC Power Plug

Front view

Back view

## 3Q Concepts (Major Features)

### Performance

- **Quiet** Operation by patented sheave which is easy on wire rope to avoid rope jams
- Industry leading low voltage performance for increased duty cycle
- Fully compatible with existing stirrups
- Wear parts designed for long lifetime
- Well balanced carrying handles for easy transportation/installation

### Maintenance

- **Quick** turnaround service thanks to easy side cover access
- Easy (dis)assembly due to minimal number of bolts and components
- Less moving parts requiring inspection or replacement

### Safety

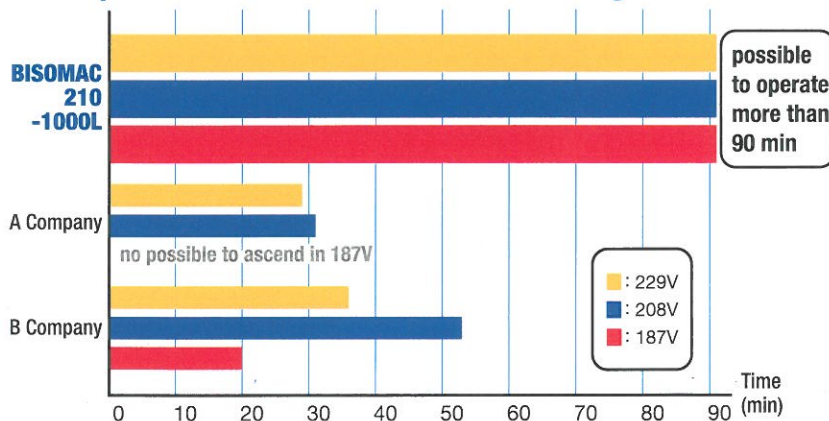
- **Quality** construction and foolproof operation prevent malfunctions
- Controlled descent device with locking feature
- Overspeed detection device with power cut-off
- Optional slack rope device for adding a second wire rope

## Specifications

Model	BISOMAC210-1000L	BISOMAC210-1508L
Rated Load	1000 lbs	1500 lbs
Voltage	1-phase 208 V (60 Hz)	
Control Method	Independent	
Motor Power	0.9 KW	1.5 KW
Rated Speed	35 ft/min	
Weight	108 lbs	
Dimensions	29.5 x 12 x 17.9 in.	
Wire Rope Dia	5/16 in.	

NOTE: SPECIFICATIONS MAY CHANGE WITHOUT NOTICE.

## Comparison Test - Continuous at Voltages



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SCAFFOLD  
INDUSTRY  
ASSOCIATION **SIA**

