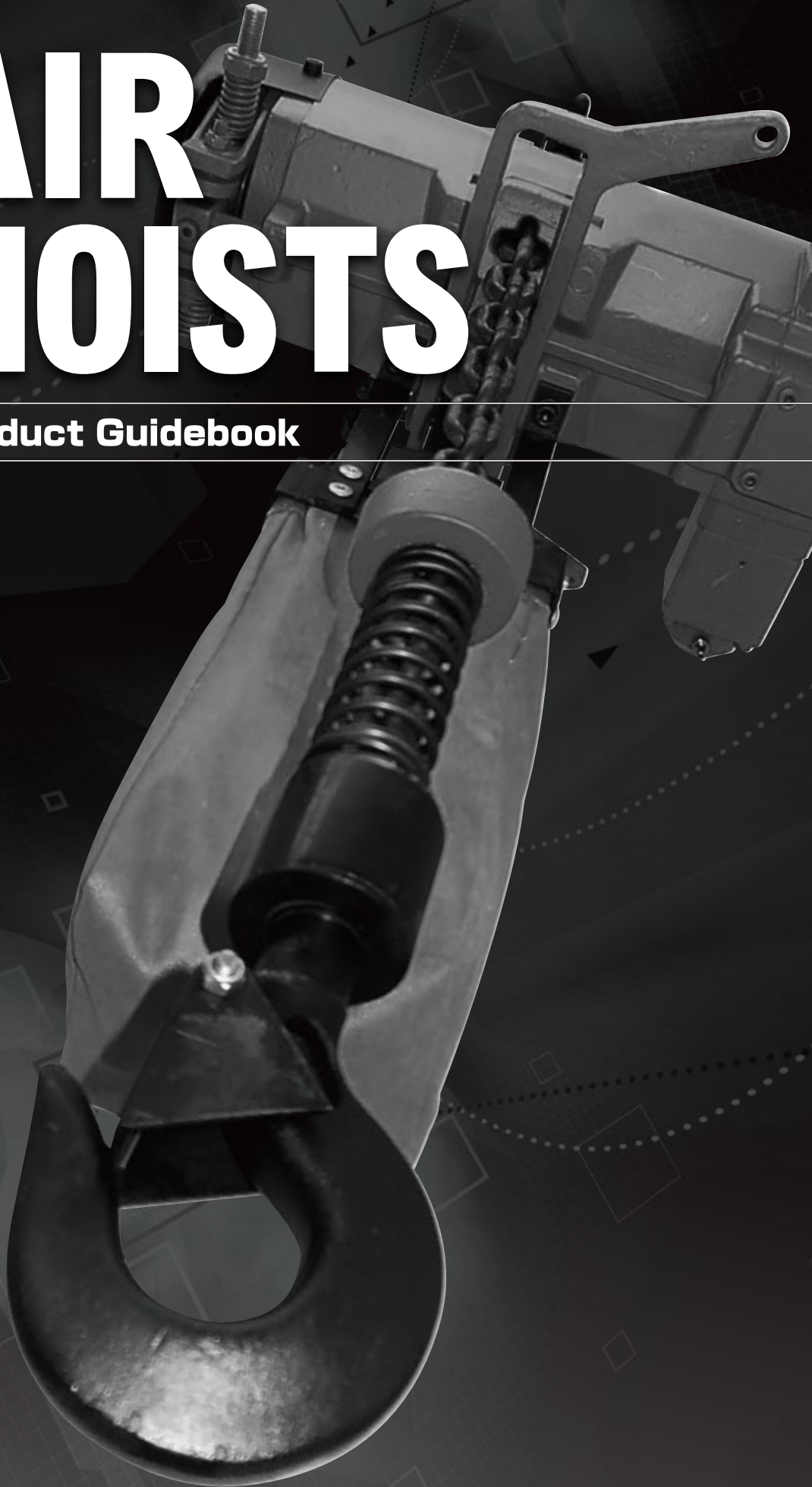


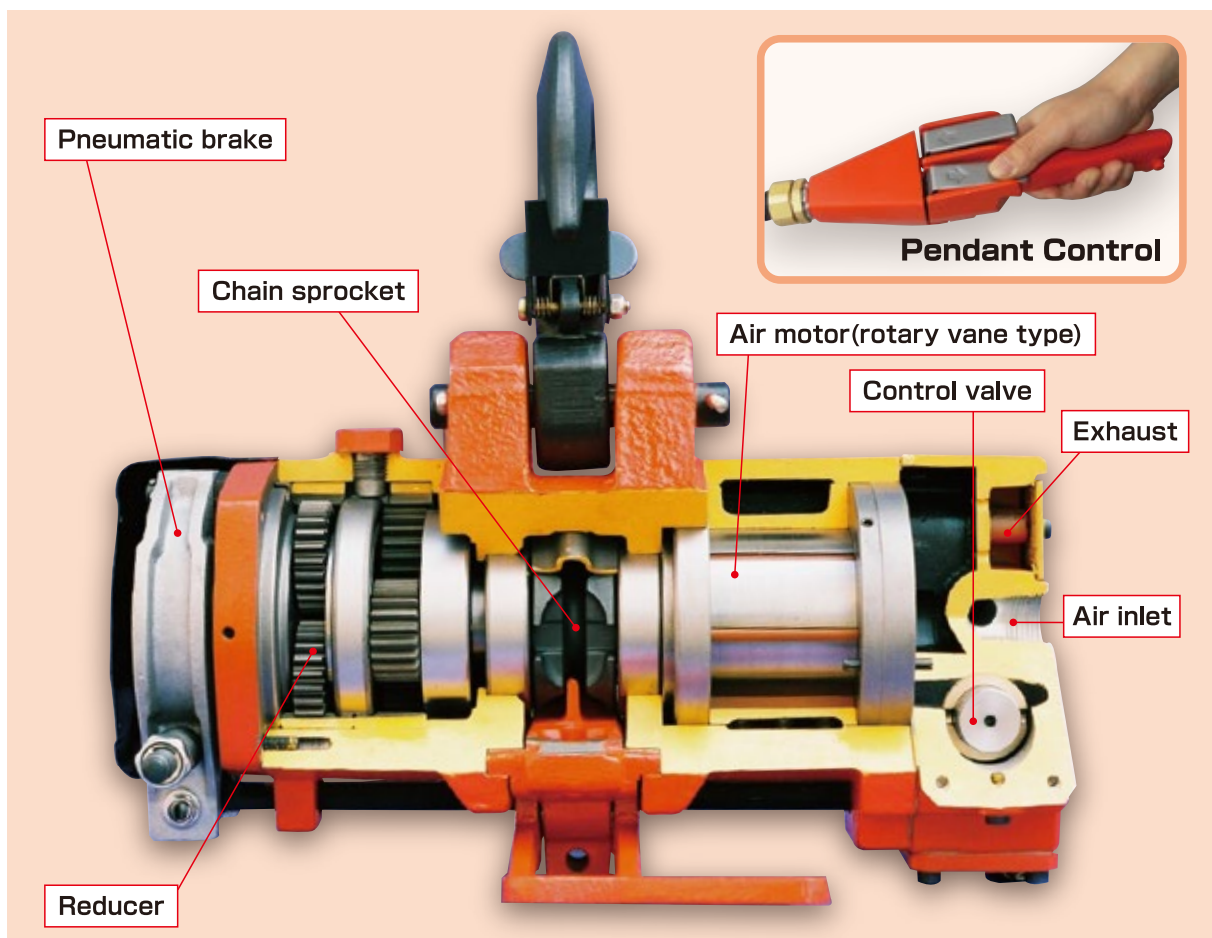
# AIR HOISTS

Product Guidebook



## SAN-EI's V series air hoist can help users improve work efficiency with the following features

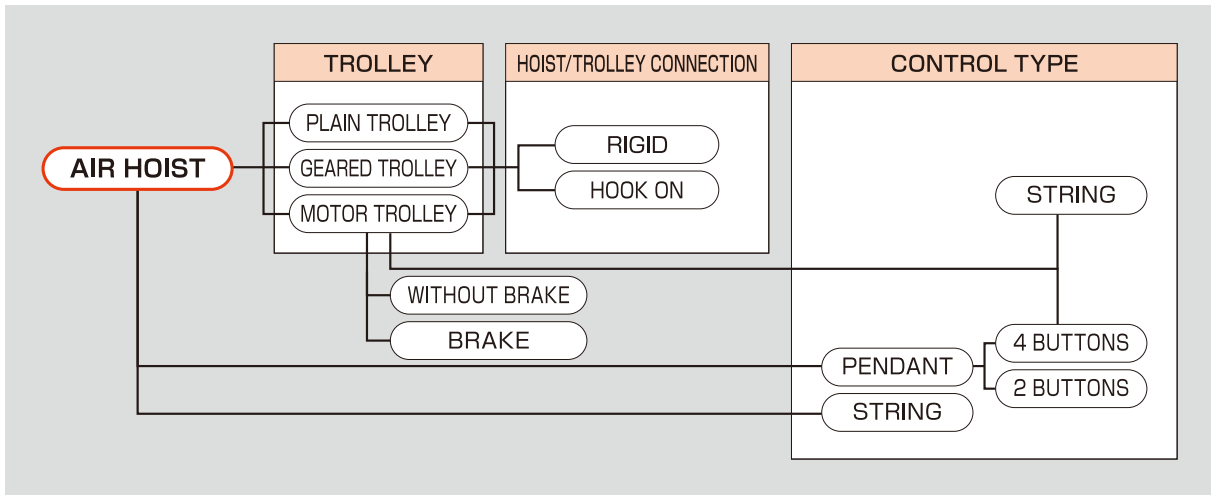
- 1 **High speed to Low speed** Lift speed can be controlled from high to low speed to meet your work's demand.
- 2 **Simple speed controls** With the push button type, speed can be controlled by the touch applied to the button. With the string type, by how the string is pulled.
- 3 **Smoother operability** The newly introduced unique structure provides smoother operability, easier handling and quick response.
- 4 **Compact and light-weight** The weight is very light compared with electrical chainblocks of the same capacity.
- 5 **High durability for use in high temperature and humidity** This hoist enables the use of this product even in inflammable gas.
- 6 **Effective braking** Durable pneumatic brake enables safety stop.



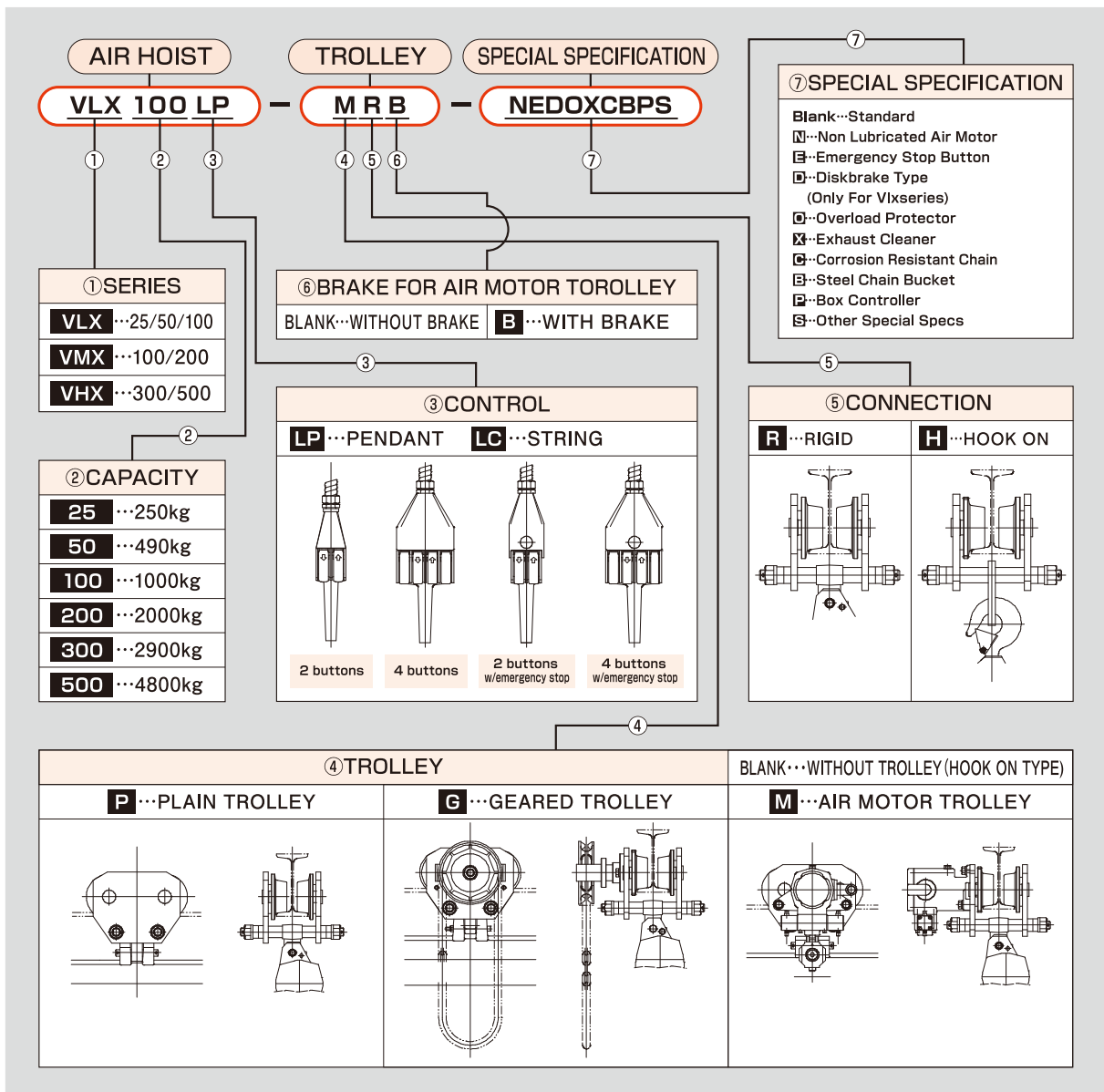
Major Parts and Materials (VLX/VMX/VHX Standard specification)

Body	Aluminum casting & Cast iron	Hook	Carbon steel (S45C, S35C)	Chain Bucket	Highly durable synthetic fabric ※VHX Series only copper
Chain Sprocket	Chromium molybdenum steel (SCM435, 440)	Load chain	Manganese alloy steel	Pendant part	Aluminum casting PBC
Built-in Air motor	Cast iron(FC250 etc.)	Reducer	Chromium molybdenum steel(SCM435) Carbon steel(S45C)	Pendant code	Iron(Galvanized)+ Soft PVC

COMPOSITION



SPECIFICATION



## VLX SERIES



### Specification table

Capacity	Air Pressure	Lift Speed	Air Consumption	Lift	Chain Fall	Chain Dia.	String	Pendant	Plain Trolley	Geared Trolley	Air Motor Trolley	Model	Weight
							●	●	●	●	●		
250	0.6	17.0	1.6	3	1	6.3	●					VLX25LC	21
		15.0	1.3								VLX25LP	23	
	0.4	13.0	1.0					●			VLX25LP-PR	38	
								●			VLX25LP-GR	45	
									●		VLX25LP-MR	45	
									●		VLX25LP-MR	47	
500	0.6	12.0	1.6	3	1	6.3	●					VLX50LC	21
		10.0	1.3								VLX50LP	23	
	0.4	7.0	1.0					●			VLX50LP-PR	38	
								●			VLX50LP-GR	45	
									●		VLX50LP-MR	47	
									●		VLX50LP-MR	45	
1000	0.6	6.0	1.6	3	2	6.3	●					VLX100LC	31
		5.0	1.3								VLX100LP	33	
	0.4	3.5	1.0					●			VLX100LP-PR	41	
								●			VLX100LP-GR	49	
									●		VLX100LP-MR	48	
									●		VLX100LP-MR	56	
							VLX100LP-MR	48					
											VLX100LP-MR	57	

※VLX25,50 can be set max lift:20m, VLX100 can be set max lift 10m.

※Longer lift, please ask.

※Environmental temperature: -10℃~40℃

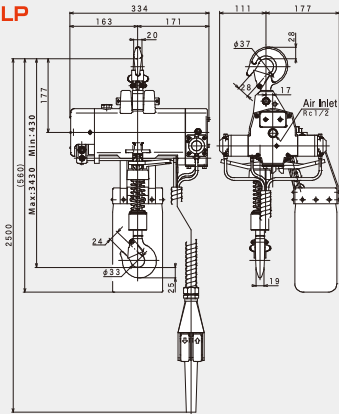
If the environmental temperature is other than listed above, please contact us.

#### Trolley

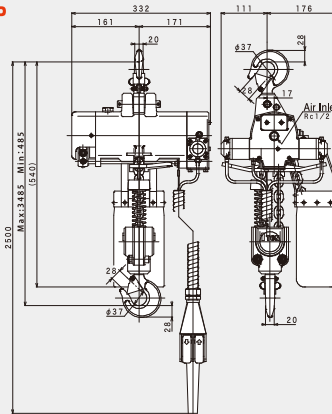
Min.Radius of I-Beam	Air Motor Travelling Speed	I-Beam Size
1500mm	10 ~ 20m/min (adjustable)	75, 100, 125mm

### Dimension

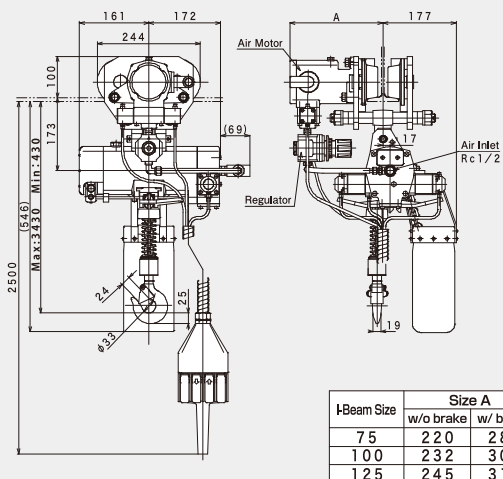
#### VLX25·50LP



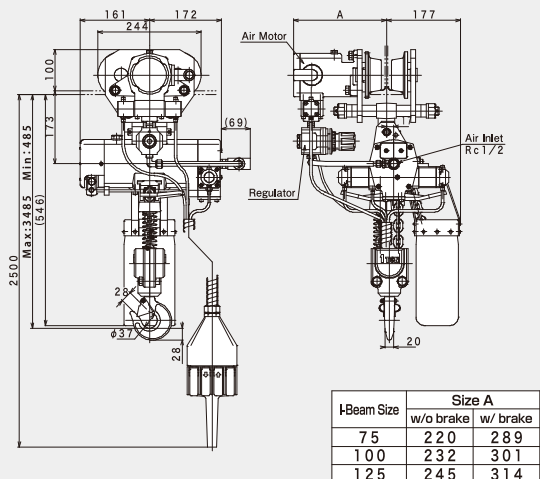
#### VLX100LP



#### VLX25LP-MR·VLX50LP-MR



#### VLX100LP-MR





## VMX SERIES



### Specification table

Capacity	Air Pressure	Lift Speed	Air Consumption	Lift	Chain Fall	Chain Dia.	String	Pendant	Plain Trolley	G geared Trolley	Air Motor Trolley	Model	Weight			
kg	MPa	m/min	N-m <sup>3</sup> /min	m		φmm							kg			
1000	0.6	5.0	1.6	3	1	7.1	●	●				VMX100LC	38			
							●	●				VMX100LP	40			
	0.5	4.0	1.3				●	●	●			VMX100LC-PR	54			
							●	●	●			VMX100LP-PR	56			
	0.4	3.0	1.0				●	●		●			VMX100LC-GR	61		
							●	●		●		VMX100LP-GR	63			
									●		VMX100LC-MR	62				
										●		VMX100LP-MR	64			
2000	0.6	2.5	1.6	3	2	7.1	●	●				VMX200LC	43			
							●	●				VMX200LP	45			
	0.5	2.0	1.3				●	●	●				VMX200LC-PR	63		
							●	●	●			VMX200LP-PR	65			
	0.4	1.5	1.0				●	●		●			VMX200LC-GR	70		
							●	●		●		VMX200LP-GR	72			
													●		VMX200LC-MR	72
													●		VMX200LP-MR	74

※VMX100 can be set max lift:20m, VLX200 can be set max lift 10m.

※Longer lift, please ask.

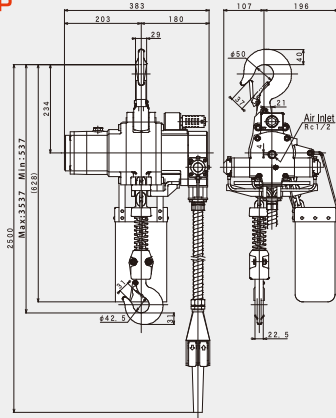
※Environmental temperature: -10°C~40°C

If the environmental temperature is other than listed above, please contact us.

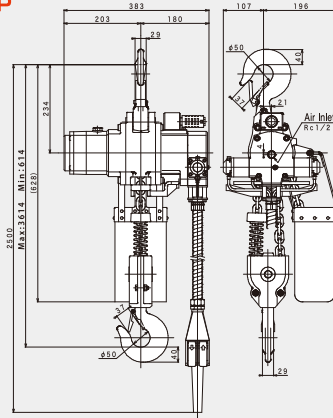
Trolley	Min.Radius of I-Beam	Air Motor Travelling Speed	I-Beam Size
	2000mm	10 ~ 20m/min (adjustable)	VMX100:75,100,125mm VMX200:100,125,150mm

### Dimension

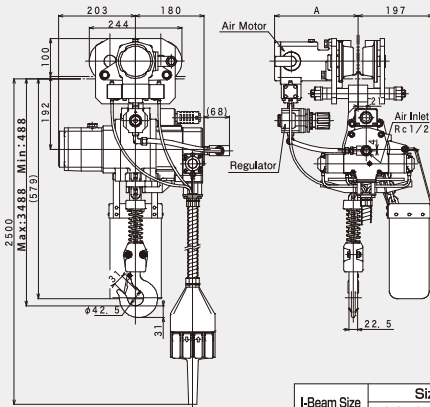
VMX100LP



VMX200LP

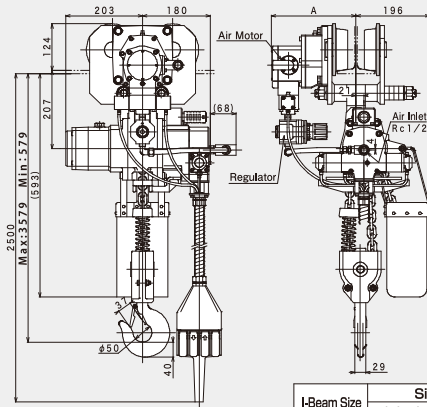


VMX100LP-MR



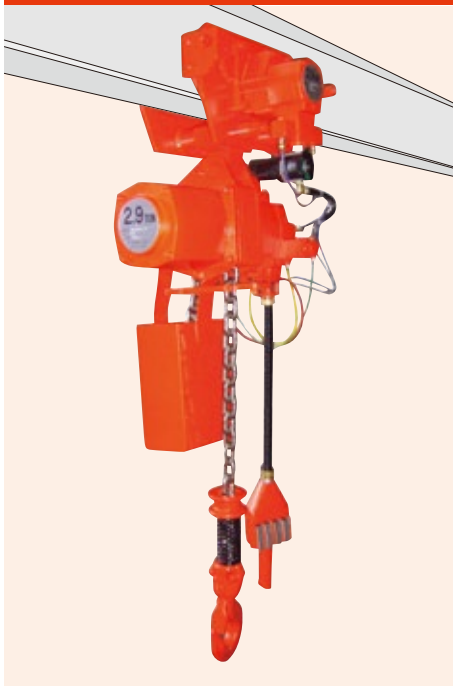
I-Beam Size	Size A	
	w/o brake	w/ brake
75	220	289
100	232	301
125	245	314

VMX200LP-MR



I-Beam Size	Size A	
	w/o brake	w/ brake
100	224	292
125	237	305
150	249	317

## VHX SERIES



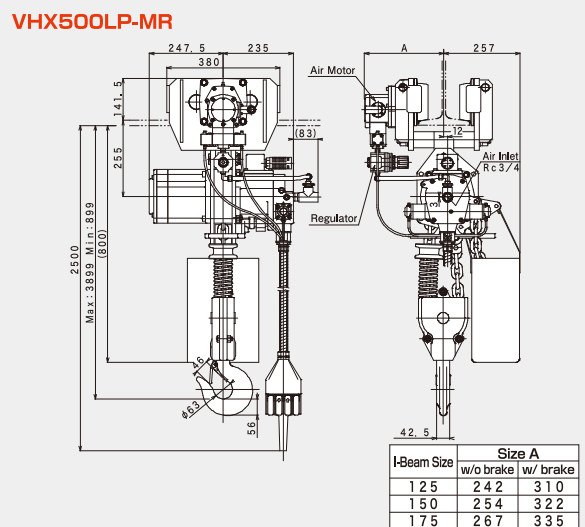
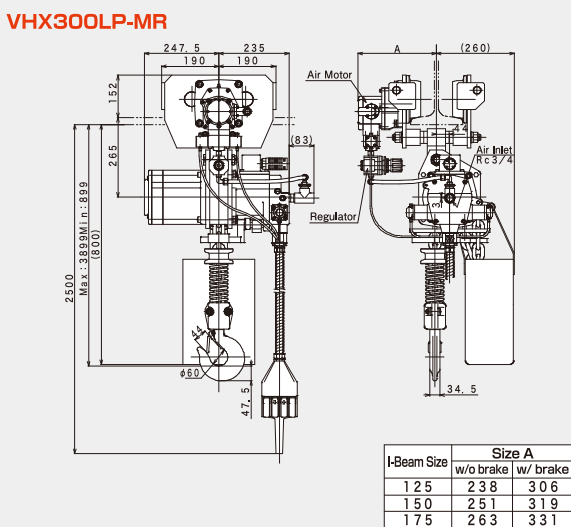
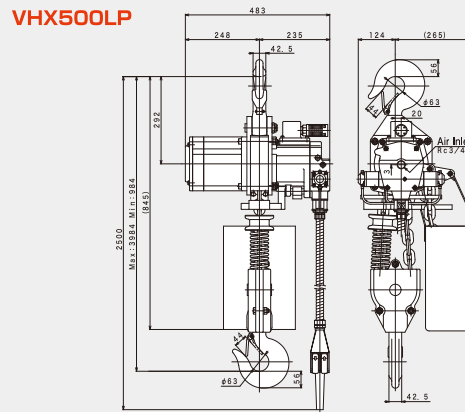
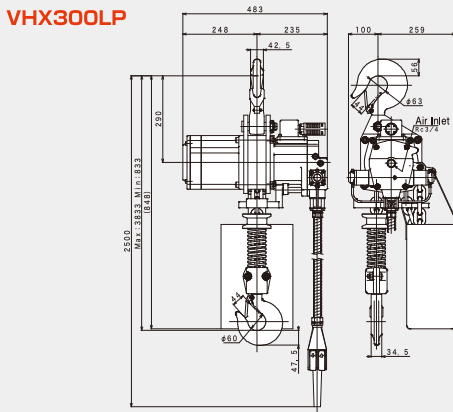
### Specification table

Capacity	Air Pressure	Lift Speed	Air Consumption	Chain Fall	Chain Dia.	Lift	String					Model	Weight
							Pendant	Plain Trolley	Gearred Trolley	Air Motor Trolley			
kg	MPa	m/min	N-m <sup>3</sup> /min		φmm	m							kg
3000	0.6	3.5	3.1	1	12.5	3	●					VHX300LC	108
							●	●				VHX300LP	110
	●		●						VHX300LC-PR	173			
	●	●	●						VHX300LP-PR	175			
	●						●		VHX300LC-GR	178			
	●	●						●	VHX300LP-GR	180			
5000	0.6	1.9	3.1	2	11.2	3	●					VHX300LC-MR	183
							●	●			●	VHX300LP-MR	185
	●		●						VHX500LC	113			
	●	●							VHX500LP	115			
	●		●						VHX500LC-PR	183			
	●	●	●						VHX500LP-PR	185			
5000	0.5	1.5	2.5	2	11.2	3	●					VHX500LC-GR	188
							●	●				VHX500LP-GR	190
	●		●						VHX500LC-MR	193			
	●	●					●		VHX500LP-MR	193			
	●							●	VHX500LC-MR	193			
	●	●						●	VHX500LP-MR	195			

※The standard chain bucket for VHX is made by iron.  
 ※VHX300 can be set max lift:20m, VHX500 can be set max lift 10m.  
 ※Longer lift, please ask.  
 ※Environmental temperature: -10°C~40°C  
 ※If the environmental temperature is other than listed above, please contact us.

Trolley	Min.Radius of I-Beam	Air Motor Travelling Speed	I-Beam Size
	2000mm	10 ~ 15m/min (adjustable)	125, 150, 175mm

### Dimension



## GLX SERIES



### Specification table

Capacity	Air Pressure	Lift Speed	Air Consumption	Chain Fall	Chain Dia.	Lift	Pendant	Model	Weight
kg	MPa	m/min	N·m <sup>3</sup> /min		φmm	m			kg
10000	0.5	1.6	6.2	2	16.5	3	●	GLX10LP	260
15000	0.5	1.2	6.2	3	16.5	3	●	GLX15LP	310
20000	0.5	0.8	6.2	4	16.5	3	●	GLX20LP	330

※Pendant control only. Cord control is unavailable.

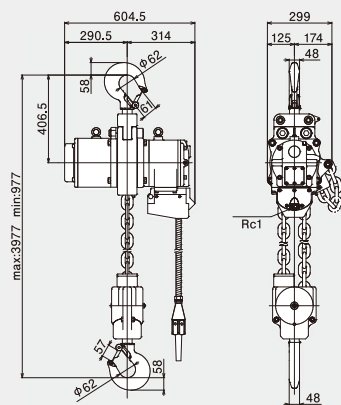
※Geared trolley, air motor trolley available.

※Environmental temperature: -10°C~40°C

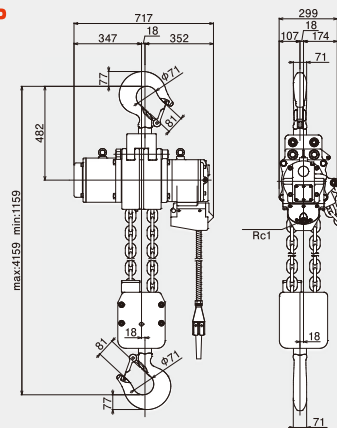
If the environmental temperature is other than listed above, please contact us.

### Dimension

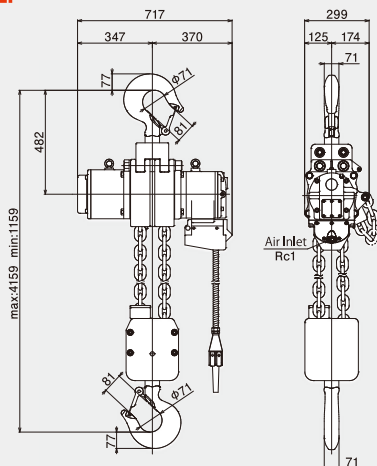
#### GLX10LP



#### GLX15LP

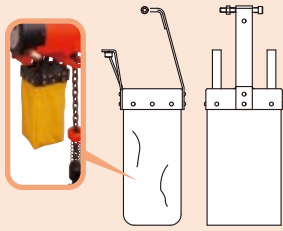


#### GLX20LP



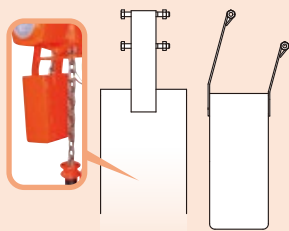
## Options and others

### Chain Bucket(fabric)

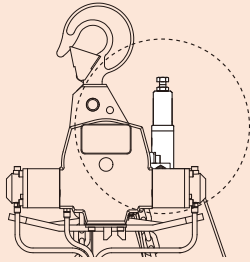


varied sizes are available for long lift.

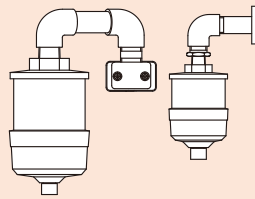
### Chain Bucket(steel)



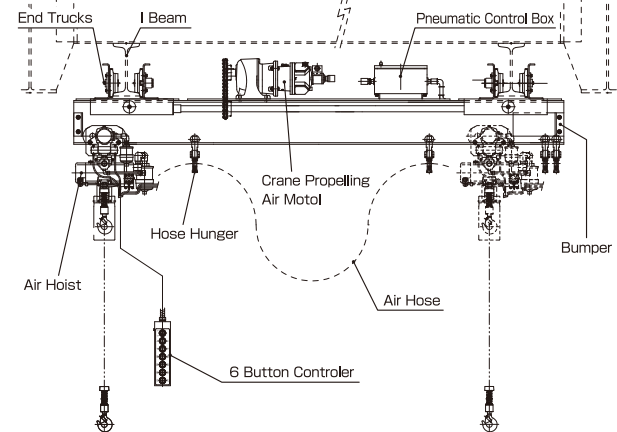
### Over Load Protector



### Exhaust Cleaner/Muffler

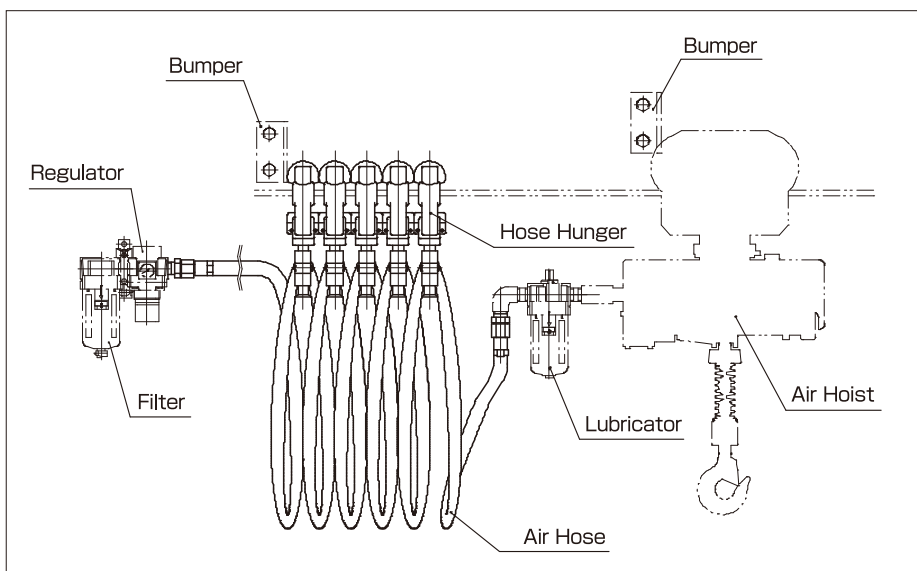


### Sample Dwg. of air crane with VLX hoist.



● Please feel free to ask special custom orders.

## Installation example



- \*Prior to installing air line to the air hoist, open the supply and flush out line well.
- \*Lubricator(line oiler) should be plumbed as close to the air hoist as practical.

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URL: <http://sanei-air.com/>

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