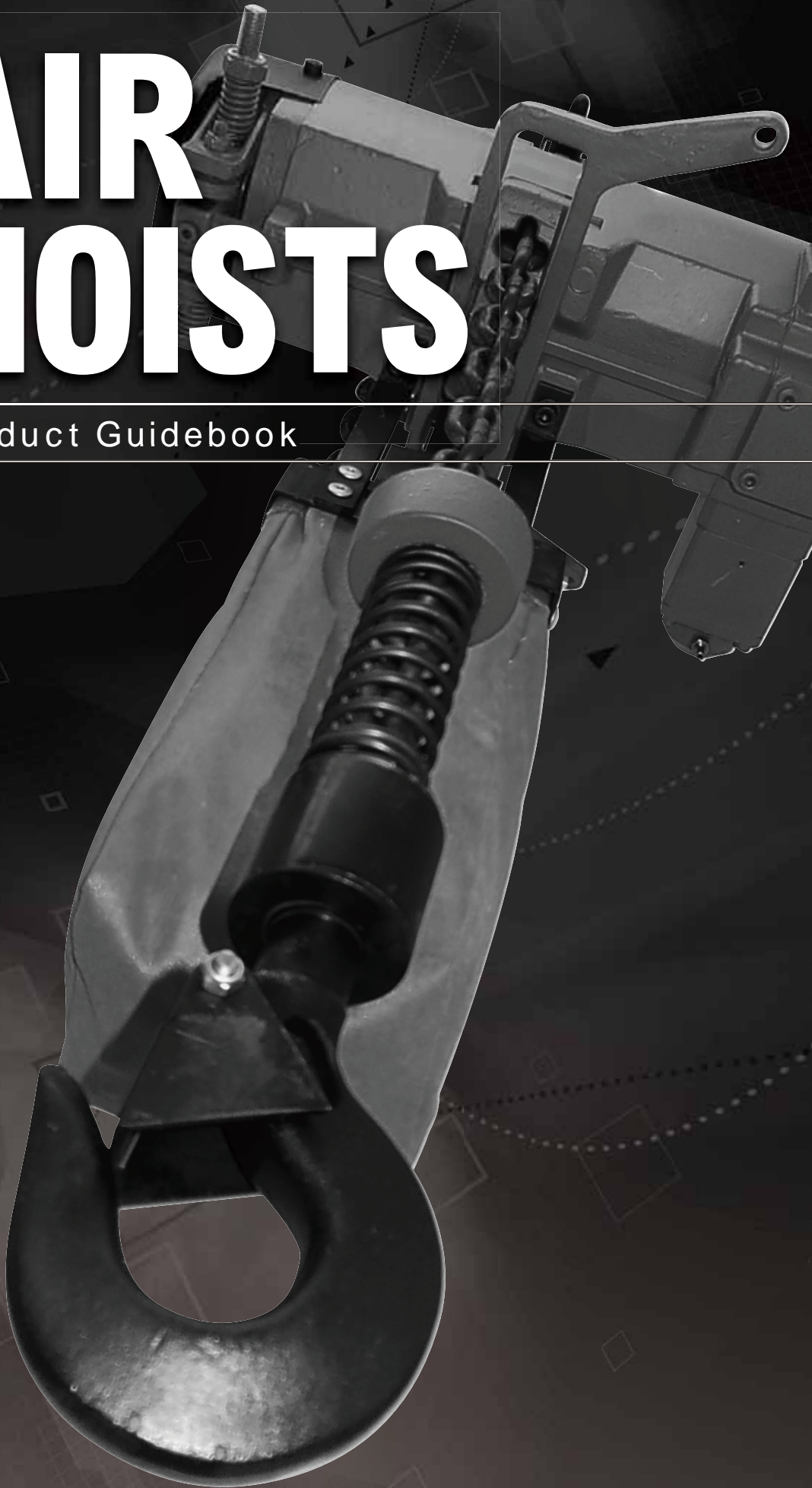


AIR HOISTS

Product Guidebook





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

High speed to Low speed Lift speed can be controlled from high to low speed to meet your work's demand.

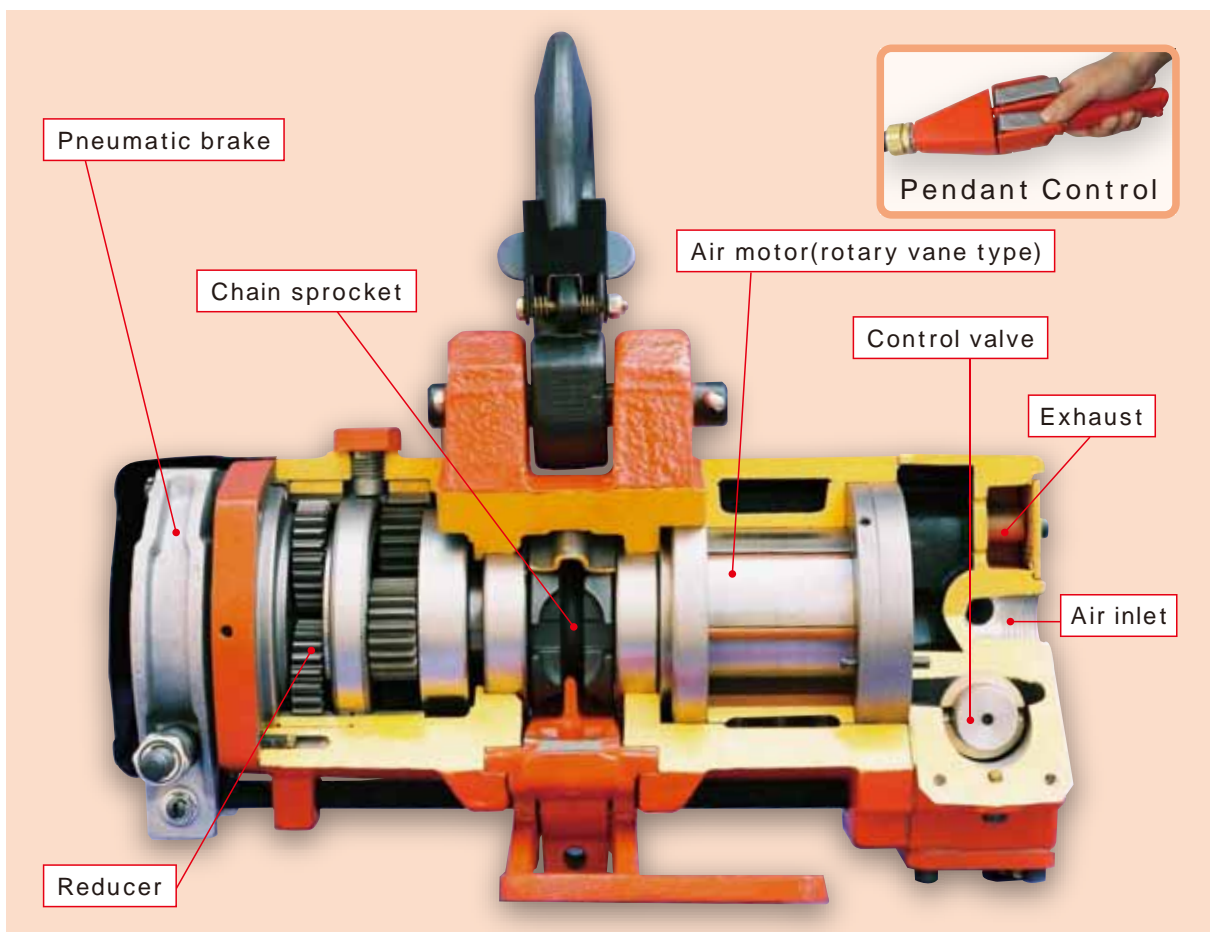
Simple speed controls With the push button type, speed can be controlled by the touch applied to the button. With the string type, by how the string is pulled.

Smoother operability The newly introduced unique structure provides smoother operability, easier handling and quick response.

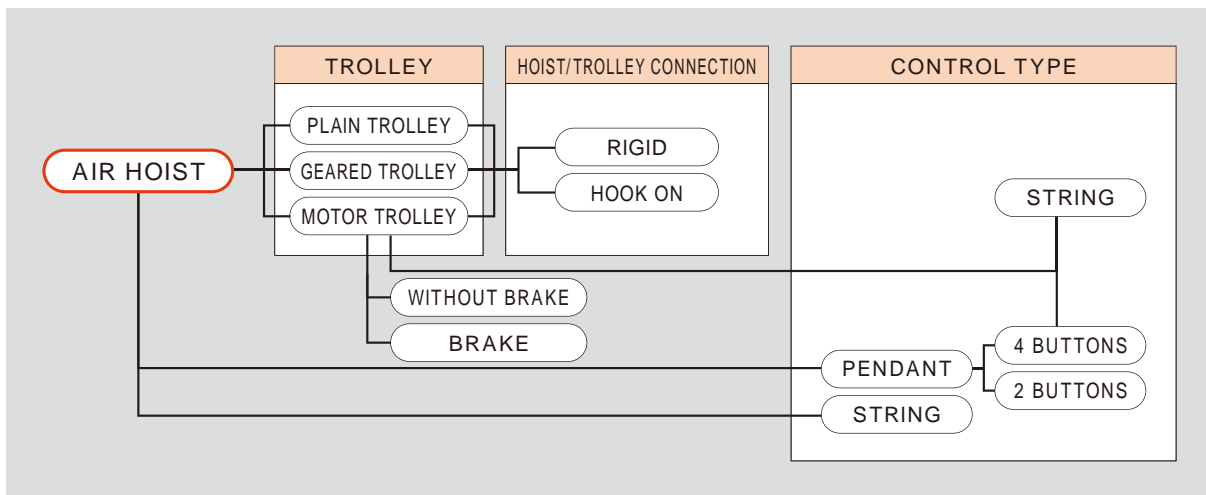
Compact and light-weight The weight is very light compared with electrical chainblocks of the same capacity.

High durability for use in high temperature and humidity This hoist enables the use of this product even in inflammable gas.

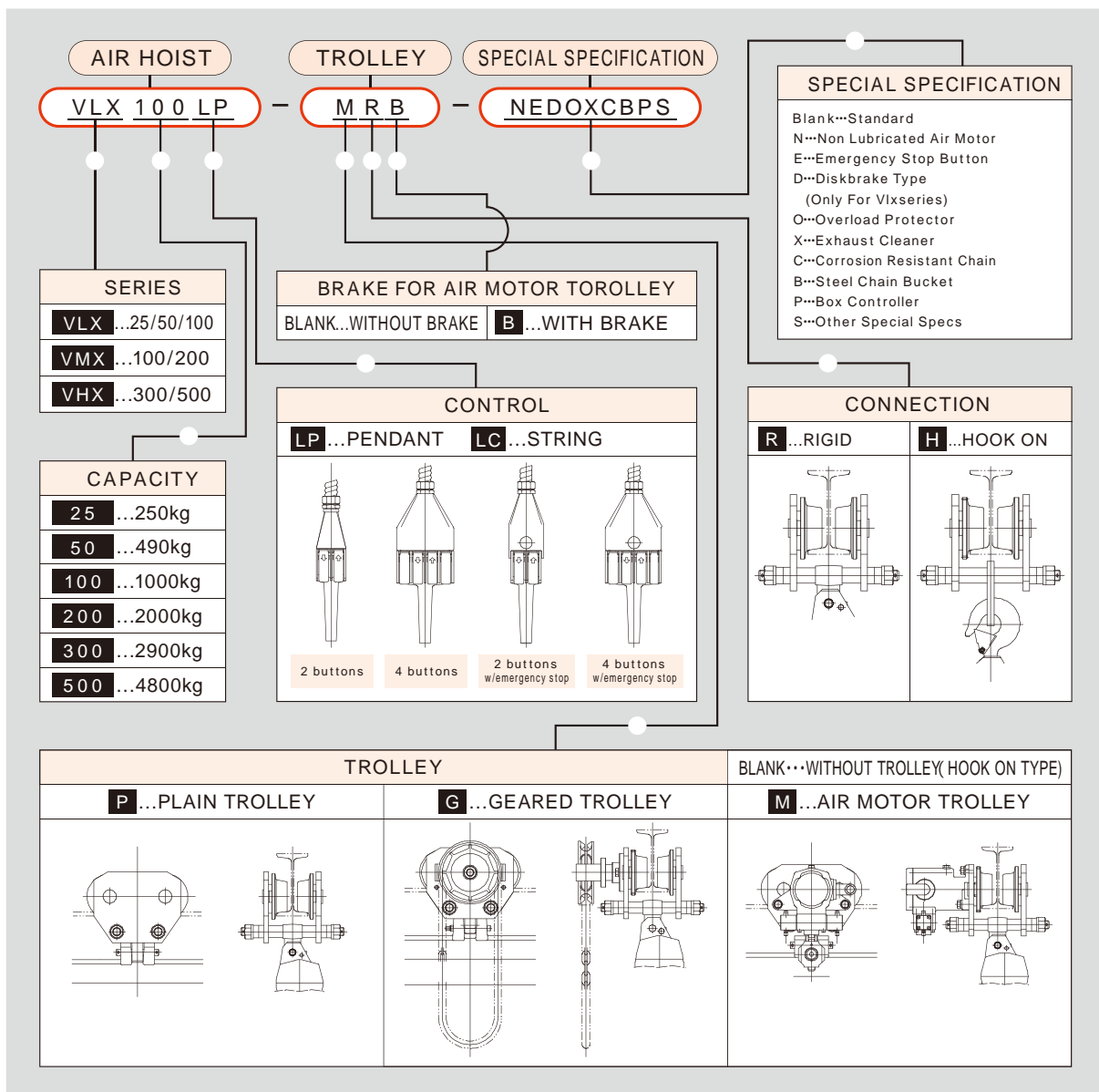
Effective braking Durable pneumatic brake enables safety stop.



COMPOSITION



SPECIFICATION



VLX SERIES



Specification table

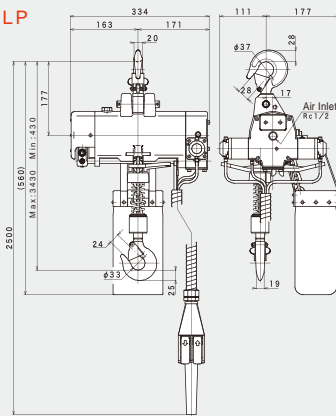
Capacity	Air Pressure	Lift Speed	Air Consumption	Lift	String	Pendant	Plain Trolley	Geared Trolley	Air Motor Trolley	Model	Weight
kg	MPa	m/min	l/min	m							kg
250	0.6	17.0	1.6	3						VLX25LC	21
	0.5	15.0	1.3		VLX25LP	23					
	0.4	13.0	1.0		VLX25LC-PR	38					
					VLX25LP-PR	40					
500	0.6	12.0	1.6	3						VLX50LC	21
	0.5	10.0	1.3		VLX50LP	23					
	0.4	7.0	1.0		VLX50LC-PR	38					
					VLX50LP-PR	40					
1000	0.6	6.0	1.6	3						VLX100-LC	31
	0.5	5.0	1.3		VLX100LP	33					
	0.4	3.5	1.0		VLX100LC-PR	41					
					VLX100LP-PR	49					
										VLX100LC-GR	48
										VLX100LP-GR	56
										VLX100LC-MR	48
										VLX100LP-MR	57

VLX25,50 can be set max lift:20m, VLX100 can be set max lift 10m.
Longer lift, please ask.

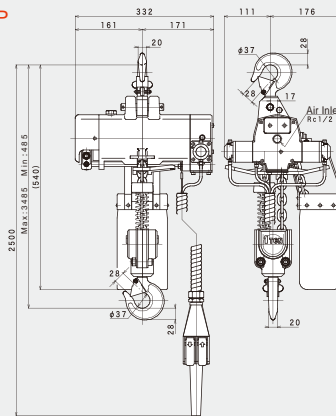
Trolley	Min.Radius of I-Beam	Air Motor Travelling Speed	I-Beam Size
	1500mm	10 ~ 20m/min (adjustable)	75, 100, 125mm

Dimension

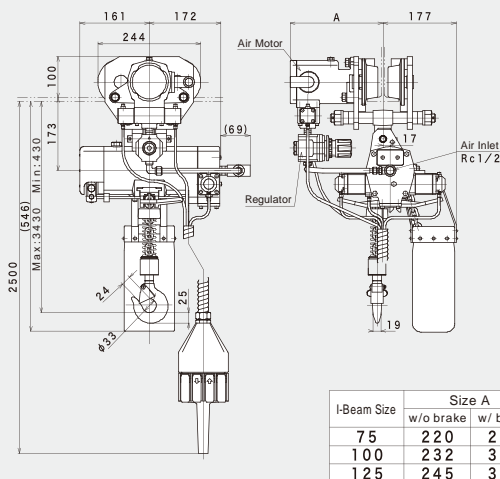
VLX25·50LP



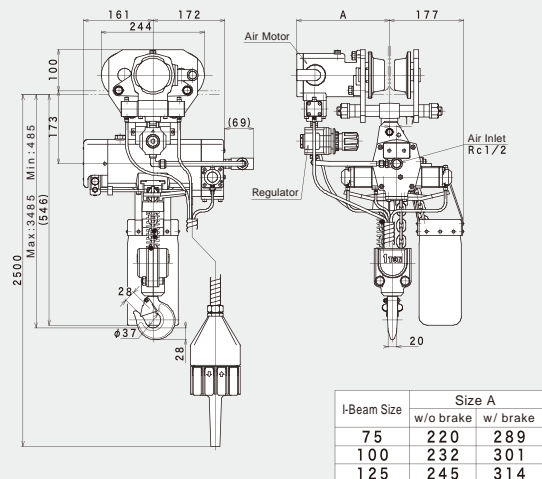
VLX100LP



VLX25LP-MR·VLX50LP-MR



VLX100LP-MR



VMX SERIES



Specification table

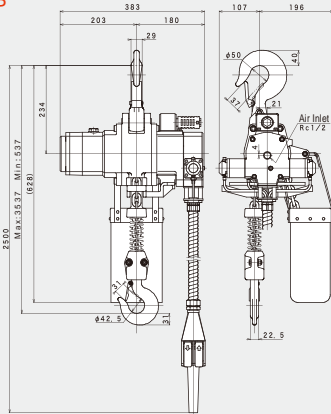
Capacity	Air Pressure	Lift Speed	Air Consumption	Lift	String	Pendant	Plain Trolley	Geared Trolley	Air Motor Trolley	Model	Weight	
kg	MPa	m/min	Nm ³ /min	m							kg	
1000	0.6	5.0	1.6	3						VMX100LC	38	
	0.5	4.0	1.3							VMX100LP	40	
	0.4	3.0	1.0							VMX100LC-PR	54	
2000	0.6	2.5	1.6	3						VMX100LP-PR	56	
	0.5	2.0	1.3							VMX100LC-GR	61	
	0.4	1.5	1.0							VMX100LP-GR	63	
											VMX100LC-MR	62
											VMX100LP-MR	64
											VMX200LC	43
											VMX200LP	45
									VMX200LC-PR	63		
									VMX200LP-PR	65		
									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.

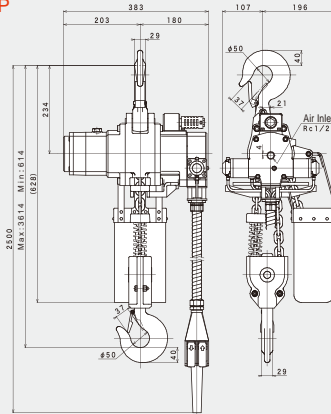
Trolley	Min.Radius of I-Beam	Air Motor Travelling Speed	I-Beam Size
	2000mm	10 ~ 20m/min (adjustable)	100, 125, 150mm

Dimension

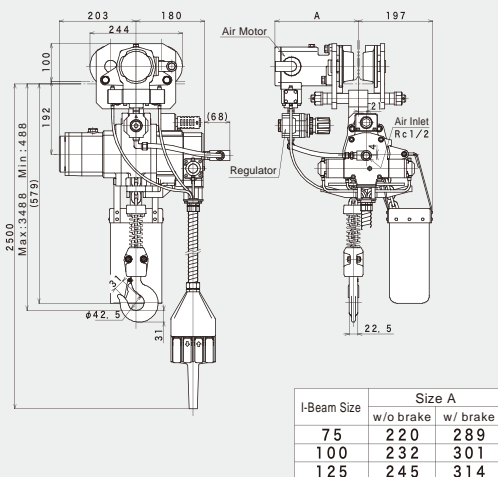
VMX100LP



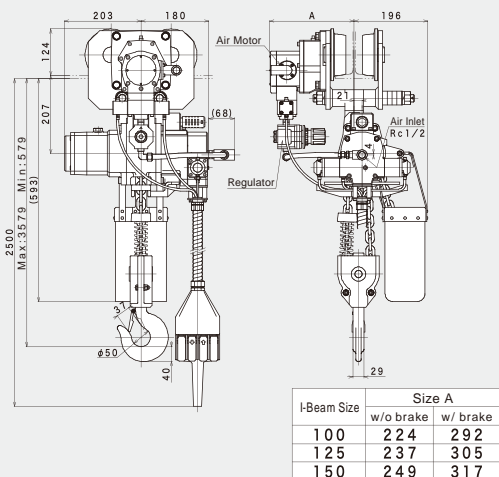
VMX200LP



VMX100LP-MR



VMX200LP-MR



VHX SERIES



Specification table

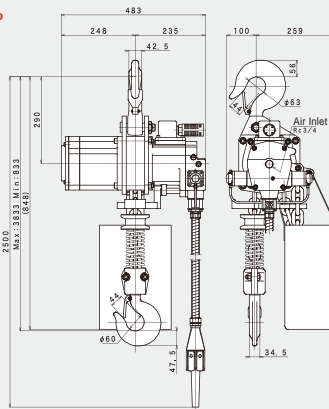
Capacity	Air Pressure	Lift Speed	Air Consumption	Lift	String	Pendant	Plain Trolley	Geared Trolley	Air Motor Trolley	Model	Weight	
kg	MPa	m/min	N·m ³ /min	m							kg	
3000	0.6	3.5	3.1	3						VHX300LC	108	
											VHX300LP	110
	0.5	2.8	2.5								VHX300LC-PR	173
	0.4	2.0	2.0								VHX300LP-PR	175
5000				3						VHX300LC-GR	178	
											VHX300LP-GR	180
	0.6	1.9	3.1								VHX300LC-MR	183
	0.5	1.5	2.5								VHX300LP-MR	185
	0.4	1.1	2.0								VHX500LC	113
											VHX500LP	115
									VHX500LC-PR	183		
									VHX500LP-PR	185		
										VHX500LC-GR	188	
										VHX500LP-GR	190	
										VHX500LC-MR	193	
										VHX500LP-MR	195	

VHX300 can be set max lift:20m. VLX500 can be set max lift 10m.
Longer lift, please ask.

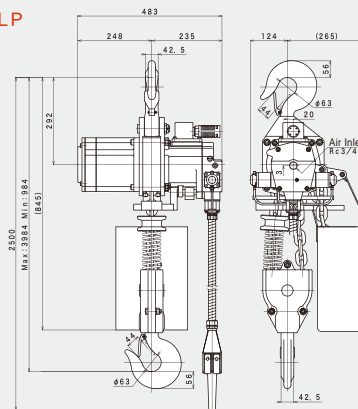
Trolley	Min.Radius of I-Beam	Air Motor Travelling Speed	I-Beam Size
	2000mm	10 ~ 15m/min (adjustable)	125, 150, 175mm

Dimension

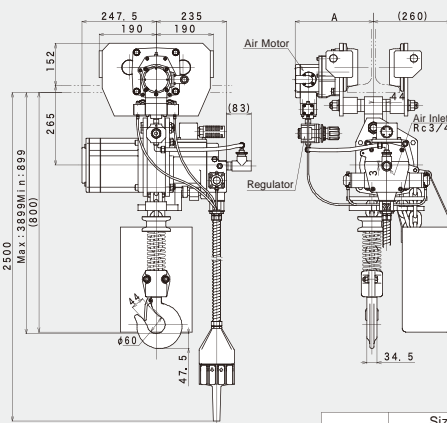
VHX300LP



VHX500LP

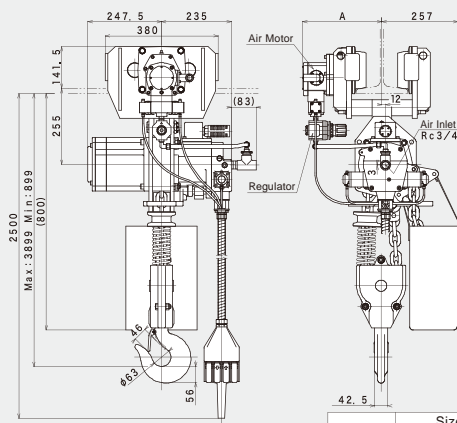


VHX300LP-MR



I-Beam Size	Size A	
	w/o brake	w/ brake
125	238	306
150	251	319
175	263	331

VHX500LP-MR



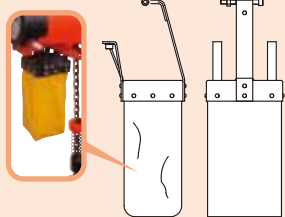
I-Beam Size	Size A	
	w/o brake	w/ brake
125	242	310
150	254	322
175	267	335

Air Hoist Check List						
Distributor				End User		
Contact Person				Contact Person		
TEL/FAX				TEL/FAX		
Reference No. (Inquiry/Order/Job.)				Reference No. (Inquiry/Order/Job.)		
General Description(requirement,sketch or drawing)						
Model				Quantity		
Power Source/Air						
Pressure		Flow		Size of main air line outlet		
Capacity				Lift	m (Our standard hoist lift:3m)	
Control type	Pendant	length:		m /	String	length: m
Emergency stop button?	Yes	No				
Chain type	standard(low manganese steel)	corrosion resistant	others			
Painting	Standard	others				
Duty cycle				Environment		
Other special request						
Trolley						
Trolley type	Plain Trolley	Geared Trolley	Air Motor Trolley			
	Air Motor Trolley with brake	*hand chain for geared trolley length	m			
Connection type	Rigid	Hook on				
I-Beam size	75mm	100mm	125mm	150mm	175mm	others
Air line equipment & Others						
Air hose	1/2(15A)	3/4(20A)	1 (25A)			
Length of air hose	m rough indication for air hose length is 1.5x traveling distance.					
Air hose couplings?	Yes	No	FRL unit(Filter/Regulator/Lubricator)?	Yes	No	
Exhaust cleaner?	for air hoist	for air motor trolley	No			
Overload protector?	Yes	No				
Emergency stop button?	Yes	No				

Bronze hook, bronze wheel, box controller and other optional parts for spark resistant, please ask.

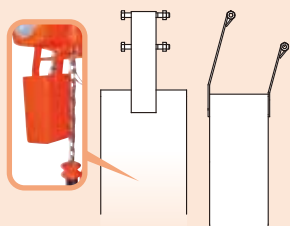
Options and others

Chain Bucket (fabric)

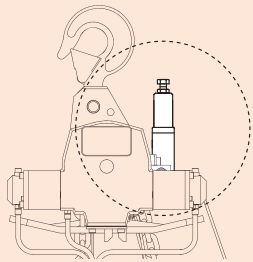


varied sizes are available for long lift.

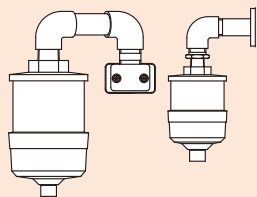
Chain Bucket (steel)



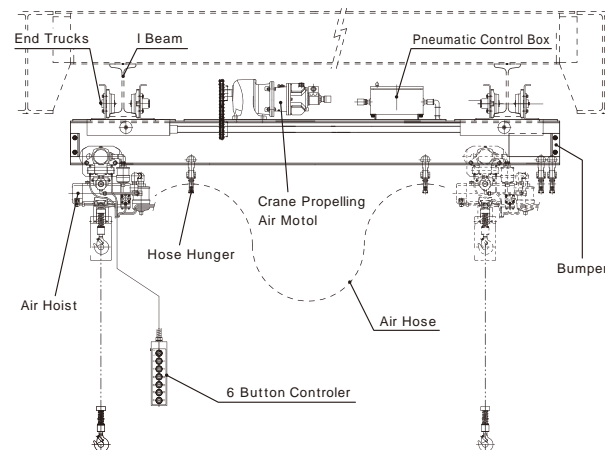
Over Load Protector



Exhaust Cleaner/Mu er

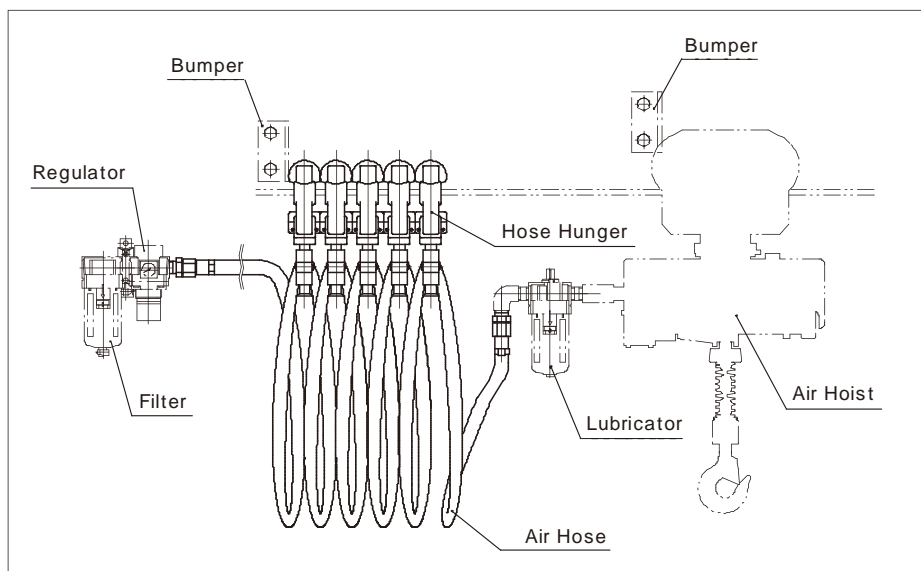


Sample Dwg. of air crane with VLX hoist.



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.

San-ei Seiki Seisakusho Co., Ltd.