

new



V series

High-performance version  
Suspending double-axis servo  
robot

Applies to 380-1000t IMM  
More stable  
More efficient  
Faster

## Basic reference

Unit	Form of boom	IMM	Length	Width	Height	Power to be consumed	Power supply	Capacity of power supply equipment	Air pressure	Amount of air to be consumed	Type of drive	Minimum pickup time	Full-circulation time (not including fixture)	Maximum load (including fixture)	Post torque	Weight
Model	-	ton	mm	mm	mm	kW	-	KVA	Mpa	NL/cycle	-	s	s	kg	N.m	kg
V-1100ID	Double-section frame	380 ~ 530	3097	1777	1790	2.1	AC single-phase 200V±10% 50/60HZ	4.5	0.6	1.1	Full servo drive	2.84	7.78	12	8.8	295
V-1100HD		530 ~ 700	3097	1777	1790	2.9		4.5	0.6	1.1		2.84	7.78	12	8.8	320
V-1300ID		380 ~ 530	3097	1777	1790	2.1		4.5	0.6	1.1		3.42	8.23	12	8.8	305
V-1300HD		530 ~ 700	3097	1777	1790	2.9		4.5	0.6	1.1		3.42	8.23	12	8.8	335
V-1500ID		700~1000	3990	2254	1980	2		5	0.35	6.7		3.61	12.7	20	45/0.6Mpa	850
V-1500HD		700~1000	3990	2254	1980	2.1		5	0.35	6.7		3.61	12.7	20	45/0.6Mpa	890
V-1700ID		700~1000	3990	2254	2100	2		5	0.35	6.7		3.61	12.7	18	45/0.6Mpa	865
V-1700HD		700~1000	3990	2254	2100	2.1		5	0.35	6.7		3.61	12.7	18	45/0.6Mpa	905

## Characteristics of product

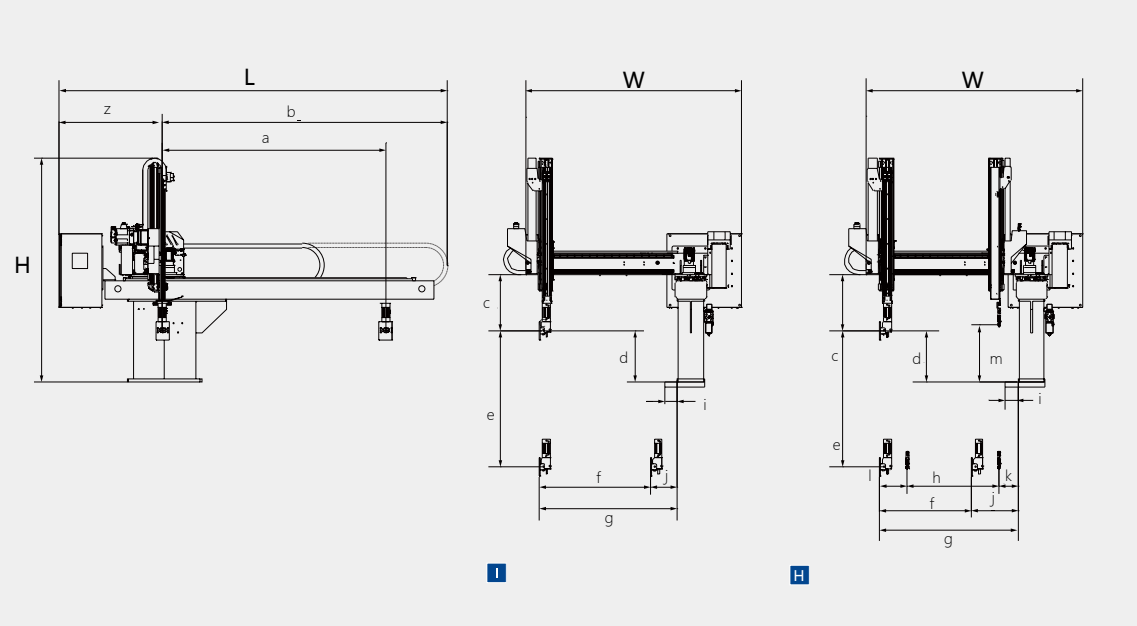
>The whole machine uses steel, more stable.

>More load and faster speed, compared with other series of the same size.

>Simple operating system to easily learn.

>The front and rear axes use linear bearing to bear high speed movement and ensure low friction, high rigidity and high precision.

Size & Data



Type	V-1100		V-1300		V-1500		V-1700		Type
	V-1100ID	V-1100HD	V-1300ID	V-1300HD	V-1500ID	V-1500HD	V-1700ID	V-1700HD	
a	1800	1800	1800	1800	2500	2500	2500	2500	a
b	2226	2226	2226	2226	3075	3075	3075	3075	b
c	410	410	410	410	580	580	580	580	c
d	410	410	410	410	130	130	130	130	d
e	1100	1100	1300	1300	1500	1500	1700	1700	e
f	900	666	900	666	1280	1020	1280	1020	f
g	1118	1118	1118	1118	1530	1530	1530	1530	g
h	/	666	/	666	/	1055	/	1055	h
i	100	100	100	100	100	100	100	100	i
j	218	452	218	452	250	510	250	510	j
k	/	152	/	152	/	250	/	250	k
l	/	295	/	295	/	225	/	225	l
m	/	460	/	460	/	135	/	135	m
z	871	871	871	871	708	708	708	708	z
Explanation									

HT

HAITIAN

DRIVE SYSTEMS

宁波海天驱动有限公司

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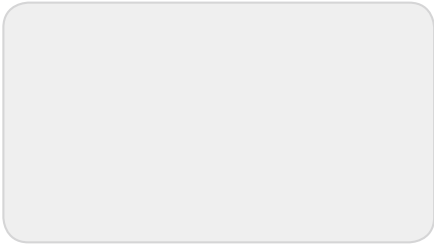
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Haitian Drive Sales Branch Companies:



Sample parameters are subject to change without prior notice.  
The company reserves the right of final interpretation of the sample parameters.

new



Hilectro Automaiton

V series servo manipulator

2019

Company introduction

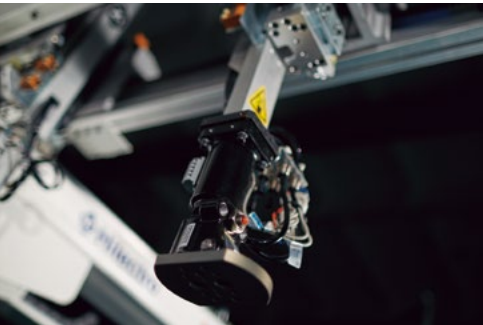


About Haitian Drive

Ningbo Haitian Drive Systems Co., Ltd. is one of the five pillar industries of Haitian Group. Relying on the advantages of Haitian Group platform, Haitian Drive has grown to be the leading manufacturer in the fields of servo control system (servo motor, servo drive, control system), automation (servo manipulator and peripheral automation, robot automation, magnetic clamping system, functional components), new energy (electric forklift) and hydraulic transmission (hydraulic motor, hydraulic pump and hydraulic components).

Professional Manipulator Manufacturer

The professional manipulator R&D team in Hilectro has brought increasingly competitive products for the customers . With the design concept of high efficiency and energy saving, With years of fast development, Hilectro manipulator has been recognized by many customers for excellent quality and superior after -sales services.



Haitian Drive: Innovation Drives Future

Haitian Drive put forward the “Innovation Drives Future” as the company philosophy in the very beginning based on the management of Haitian Group. We improve the product quality and try to perfect the technical service by continuous innovation with the aim of enhancing the overall competitiveness in the market.We firmly believe that products with superior quality can win more customers whose competitiveness will be enhanced in the meantime.



Automation Solution Leader

Hilectro can not only develop and produce superior manipulator , but alsoprovide customers with complete automation solutions.With the coming of industry 4.0, increasing number of customers expect more for automation during production. Therefore,Haitian Drive set up a specialized automation team to provide professional automation solutions to the customers.



V series

High-performance version  
Suspending double-axis servo robot

Applies to 100-320t IMM  
More stable  
More efficient  
Faster

Basic reference

Unit Model	Form of boom	IMM	Length	Width	Height	Power to be consumed	Power supply	Capacity of power supply equipment	Air pressure	Amount of air to be consumed	Type of drive	Minimum pickup time	Full-circulation time (not including fixture)	Maximum load (including fixture)	Post torque	Weight
	-	ton	mm	mm	mm	kw	-	KVA	Mpa	NL/cycle	-	s	s	kg	N.m	kg
V-800IS	Single-cut suspension	100 ~ 200	2571	1566	1868	1.2	AC single-phase 200V±10% 50/60HZ	4.5	0.5	2.1	Full servo drive	1.98	6.89	8	8.8	295
V-800HS		100 ~ 200	2571	1566	1897	2.1		4.5	0.5	2.1		1.98	6.89	8	8.8	320
V-900IS		200 ~ 250	2751	1566	2038	1.2		4.5	0.5	2.1		1.98	6.89	8	8.8	305
V-900HS		200 ~ 250	2751	1566	2067	2.1		4.5	0.5	2.1		1.98	6.89	8	8.8	335
V-1000IS		250 ~ 320	2991	1566	2158	1.2		4.5	0.5	2.1		1.98	6.89	8	8.8	310
V-1000HS		250 ~ 320	2991	1566	2187	2.1		4.5	0.5	2.1		1.98	6.89	8	8.8	340

Characteristics of product

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- >More load and faster speed, compared with other series of the same size.
- >Simple operating system to easily learn.
- >The front and rear axes use linear bearing to bear high speed movement and ensure low friction, high rigidity and high precision.



Household appliance

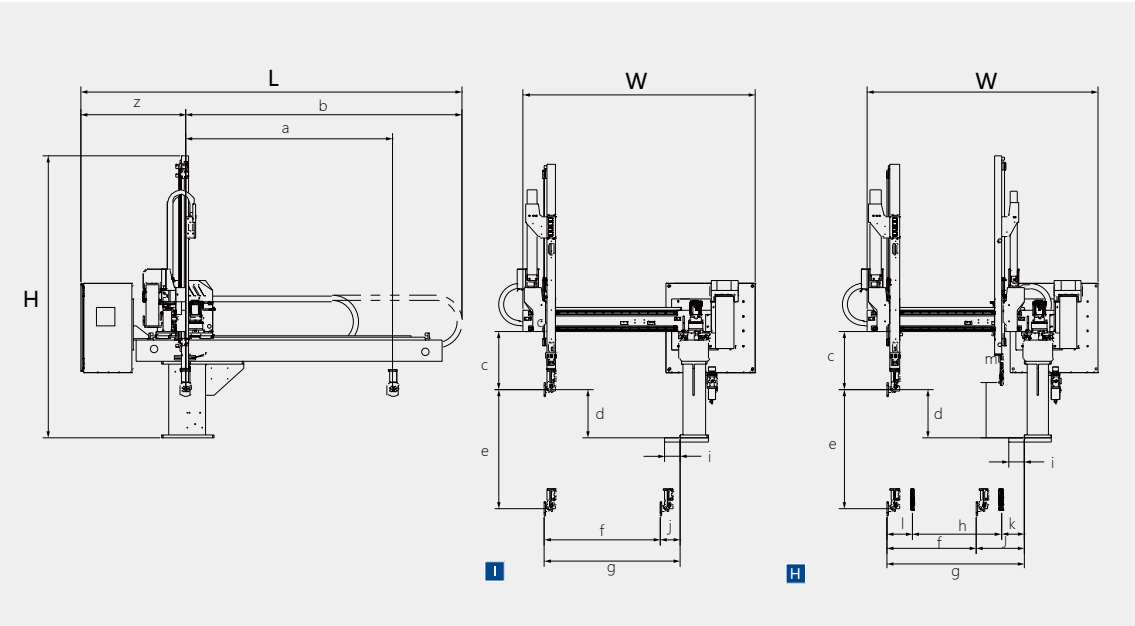


Civilian



Toy

Size & Data



Type	V-800		V-900		V-1000		Type
	V-800IS	V-800HS	V-900IS	V-900HS	V-1000IS	V-1000HS	
a	1400	1400	1600	1600	1800	1800	a
b	1863	1863	2043	2043	2283	2283	b
c	391	391	391	391	391	391	c
d	320	320	370	370	370	370	d
e	800	800	900	900	1000	1000	e
f	790	600	790	600	790	600	f
g	900	900	900	900	900	900	g
h	/	600	/	600	/	600	h
i	100	100	100	100	100	100	i
j	110	300	110	300	110	300	j
k	/	150	/	150	/	150	k
l	/	150	/	150	/	150	l
m	/	365	/	415	/	415	m
z	690	690	690	690	690	690	z
Explanation							