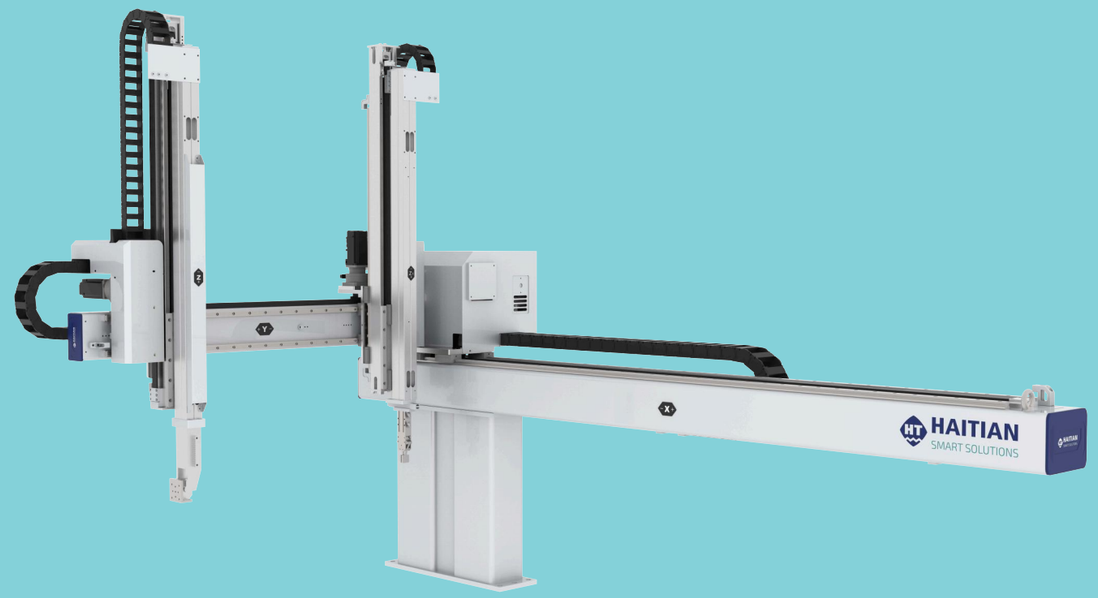

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HT 202605-CV

Auxiliary Equipment

Product pickup

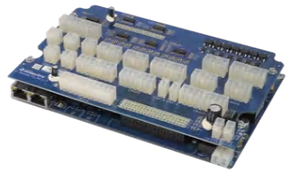
G & V & XTD Series / Specification

HAITIAN
SMART SOLUTIONS

HIR 3

Control System

In conjunction with Haitian's injection molding machines, the integrated communication system allows the robot to intelligently switch the corresponding programs of mold numbers, thus ensuring efficient die change and production.

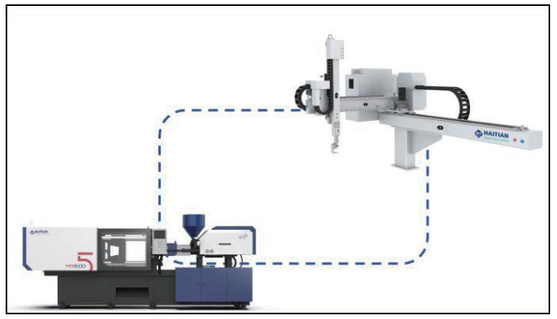


EtherCAT Fieldbus

- ◎ EtherCAT fieldbus applied in the control IO module and servo drive system.
- ◎ Communication speed up to 150Mbps for high efficient and stable transmission.
- ◎ Enable the safety of equipment and personnel to the greatest extent.
- ◎ This module carries out IO point interaction with peripheral automation equipment, and reserves 4 inputs and 4 outputs. The options can up to 100 inputs and 100 ouputs.

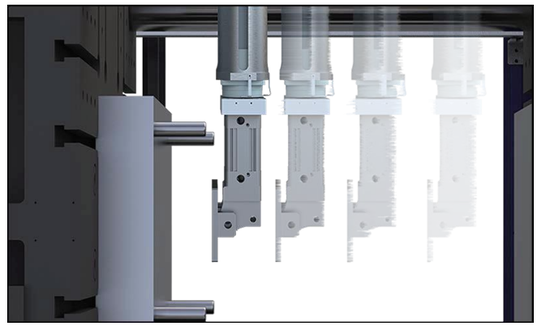
Easy to operate

- ◎ 7.0 inch IPS screen, with emergency stop, threephase switch.
- ◎ Ergonomic design for easy operation.
- ◎ With the standard PLC programming mode based on IEC61131-3, which makes the peripheral. automation equipment control more flexible and efficient.



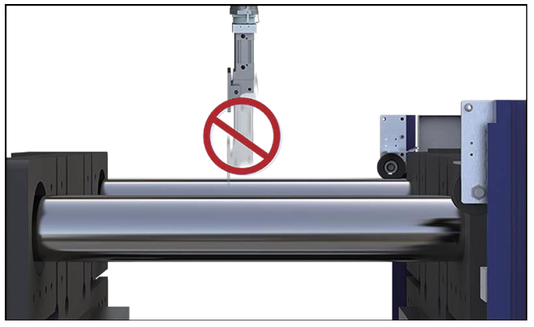
Ether-link

The in-house developed control system achieves seamless integration with injection molding machine controllers and provides user-friendly operation.



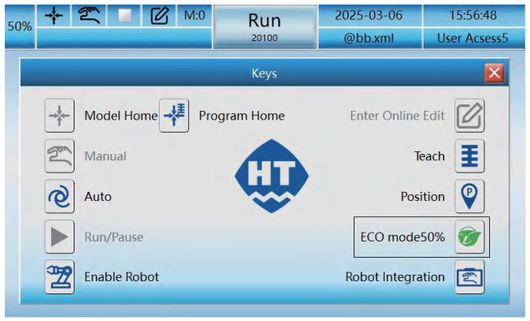
Ejector Pin Following

The robot performs realtime tracking of the injection molding ZHAFIR machine's ejector position, enhancing flexibility and operational convenience during part picking.



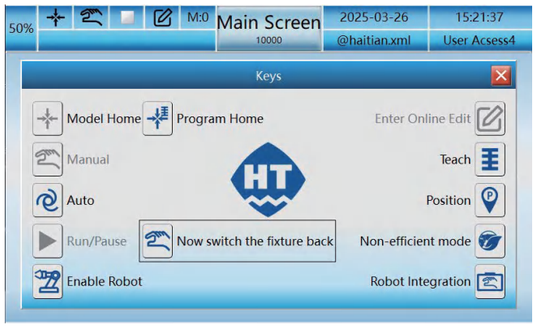
Security Warning

During motion execution, the robot performs real-time trajectory monitoring. When approaching predefined restricted zones, the system triggers advance warnings and initiates immediate safety halts prior to entering non-compliant areas.



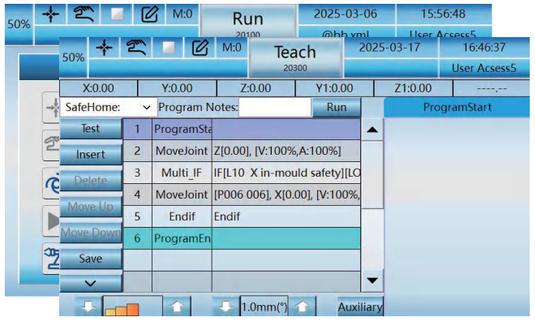
ECO Mode

Intelligent consumption reduction for stable and high efficiency production.



Switch Fixture Easy

The system enables flexible programming of tooling change sequences, achieving one-touch automated tool replacement.



Teach Homing

User-defined initialization procedures via teaching.

GA-II-SMALL

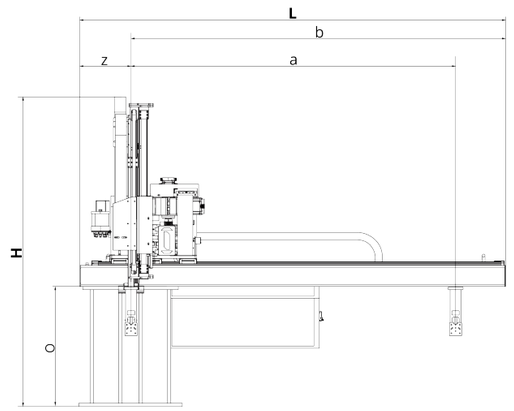
NEW

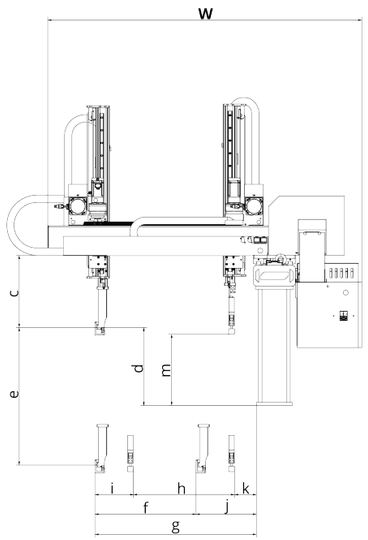
Fit 40-380t IMM

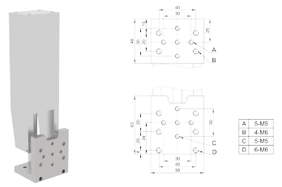
Basic reference

Type	Unit	GA-900ID (1400 800 900)-II	GA-900HD (1400 800 900)-II	GA-1000ID (1600 1040 1000)-II	GA-1000HD (1600 1040 1000)-II
Arm	-	Telescopic			
IMM	ton	40-300		40-380	
Power to be consumed	kW	1.24	2.04	1.24	2.04
Power supply	-	AC200-240V 1P/N/PE 50/60Hz			
Capacity of power supply equipment	kVA	2	3	2	3
Air pressure	bar	6			
Amount of air to be consumed	NL/cycle	13.1			
Speed of each axis	m/s	X:1.15 Y/Y1:0.67 Z/Z1:4.16			
Minimum pickup time	s	1.4		1.8	
Full-circulation time (not including fixture)	s	5.5		6.5	
Maximum load (including fixture)	kg	4			
Post torque	N.m	7			
Weight	kg	250	270	260	280
Repeated positioning accuracy	mm	±0.1			

Size & Data







CJD-32-L

Specifications

Type	Unit	GA-900ID (1400 800 900)-II	GA-900HD (1400 800 900)-II	GA-1000ID (1600 1040 1000)-II	GA-1000HD (1600 1040 1000)-II
L	mm	2010	2010	2210	2210
W		1430	1430	1670	1670
H		1470	1470	1530	1530
a (X)		1400	1400	1600	1600
b		1850	1850	2050	2050
c		345	345	345	345
d		370	370	370	370
e (Z)		900	900	1000	1000
f (Y)		680	550	920	790
g		800	800	1040	1040
h (Y1)		-	550	-	790
i		-	120	-	120
j		120	250	120	250
k		-	130	-	130
m		-	335	-	335
o		565	565	565	565
z		165	165	165	165

NEW

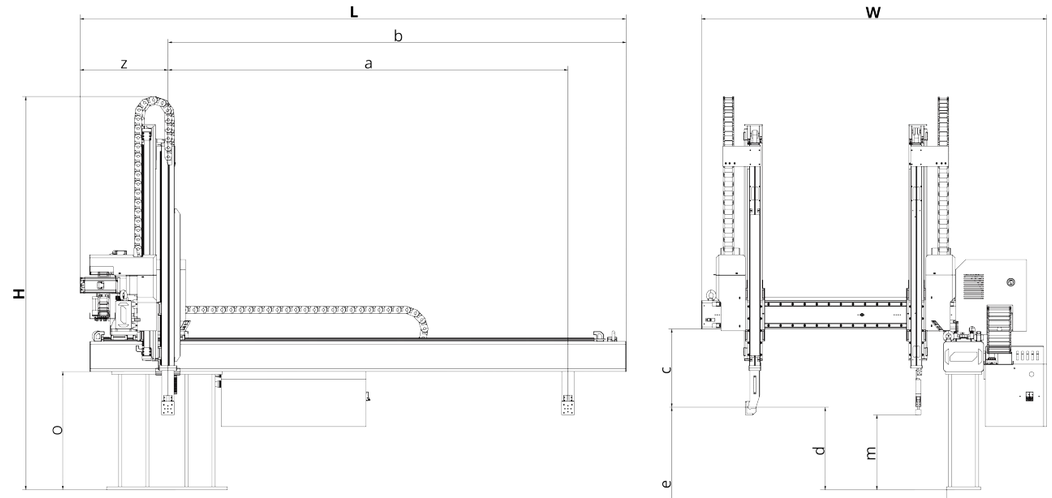
GA-II-MEDIUM

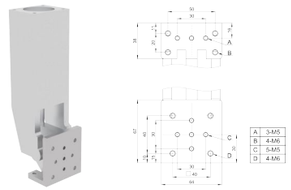
Fit 320-650t IMM

Basic reference

Type	Unit	GA-1300ID (2000 1000 1300)-II	GA-1300HD (2000 1000 1300)-II
Arm	-	Telescopic	
IMM	ton	320-650	
Power to be consumed	kW	1.43	2.24
Power supply	-	AC200-240V 1P/N/PE 50/60Hz	
Capacity of power supply equipment	kVA	2	4
Air pressure	bar	6	
Amount of air to be consumed	NL/cycle	14.7	
Speed of each axis	m/s	X:1.15 Y/Y1:0.83 Z/Z1:2.3	
Minimum pickup time	s	2	
Full-circulation time (not including fixture)	s	7	
Maximum load (including fixture)	kg	8	
Post torque	N.m	15	
Weight	kg	340	350
Repeated positioning accuracy	mm	±0.1	

Size & Data





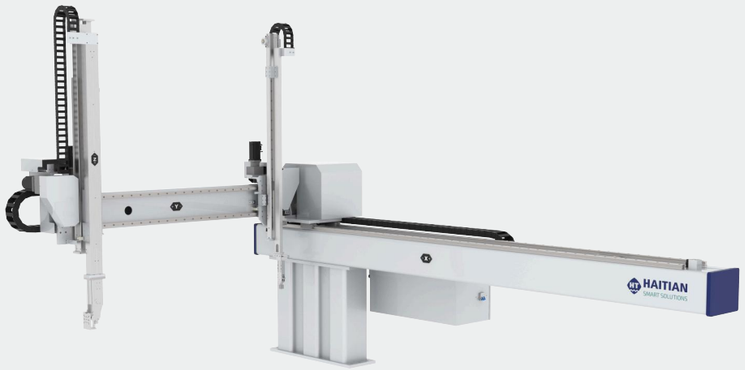
CJD-40-L

Specifications

Type	Unit	GA-1300ID (2000 1000 1300)-II	GA-1300HD (2000 1000 1300)-II
L	mm	2715	2715
W		1615	1615
H		1955	1955
a (X)		2000	2000
b		2280	2280
c		390	390
d		410	410
e (Z)		1300	1300
f (Y)		855	685
g		1000	1000
h (Y1)		-	685
i		-	175
j		145	315
k		-	140
m		-	375
o		588	588
z		440	440

GA-II-LARGE NEW

Fit 470-1000t IMM

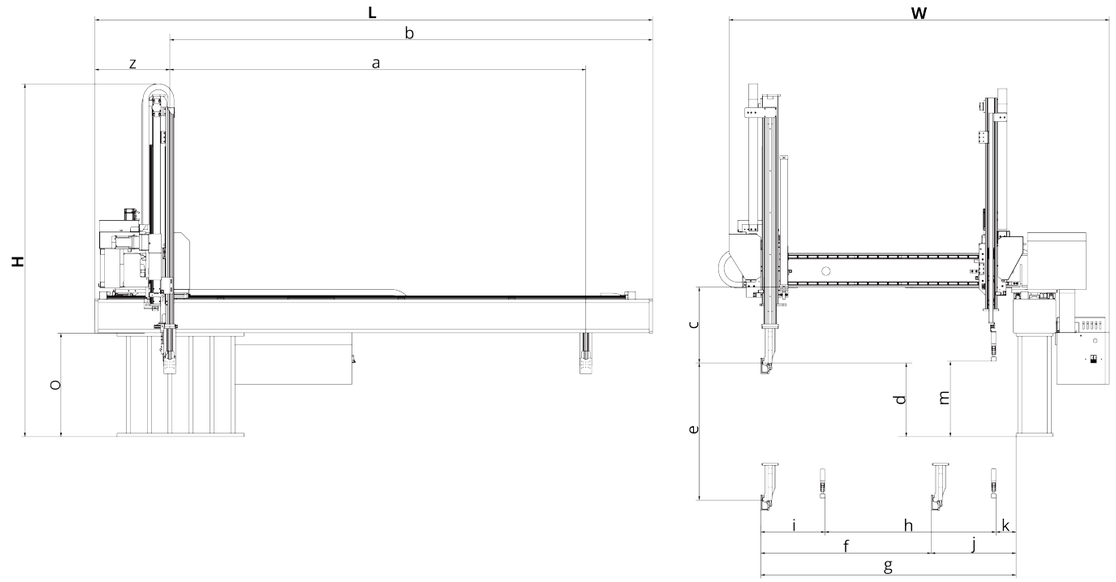


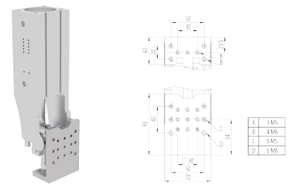
Basic reference

Type	Unit	GA-1500ID (2500 1250 1500)-II	GA-1500HD (2500 1250 1500)-II
Arm	-	Telescopic	
IMM	ton	470-1000	
Power to be consumed	kW	1.48	2.29
Power supply	-	AC200-240V 1P/N/PE 50/60Hz	
Capacity of power supplyequipment	kVA	3	4
Air pressure	bar	6	
Amount of air to be consumed	NL/cycle	14.7	
Speed of each axis	m/s	X:1.47 Y/Y1:0.97 Z:2.4 Z1:4.32	
Minimum pickup time	s	2.2	
Full-circulation time (not including fixture)	s	9.5	
Maximum load (including fixture)	kg	12	
Post torque	N.m	30	
Weight	kg	*580	*610
Repeated positioning accuracy	mm	±0.1	

Note: Weights marked with * are estimated; subject to actual measurement.

Size & Data





CJD-50-L

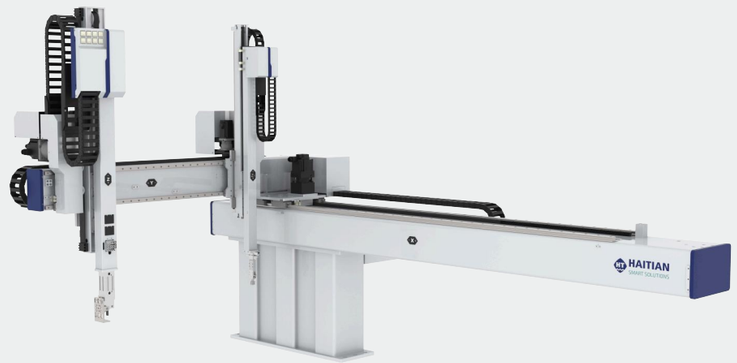
Specifications

Type	Unit	GA-1500ID (2500 1250 1500)-II	GA-1500HD (2500 1250 1500)-II
L	mm	3340	3340
W		2280	2280
H		2115	2115
a (X)		2500	2500
b		2890	2890
c		450	450
d		410	410
e (Z)		1500	1500
f (Y)		1025	815
g		1250	1250
h (Y1)		-	815
i		-	310
j		225	435
k		-	135
m		-	450
o		620	620
z		450	450

NEW

GA-II-LARGE

Fit 470-1000t IMM

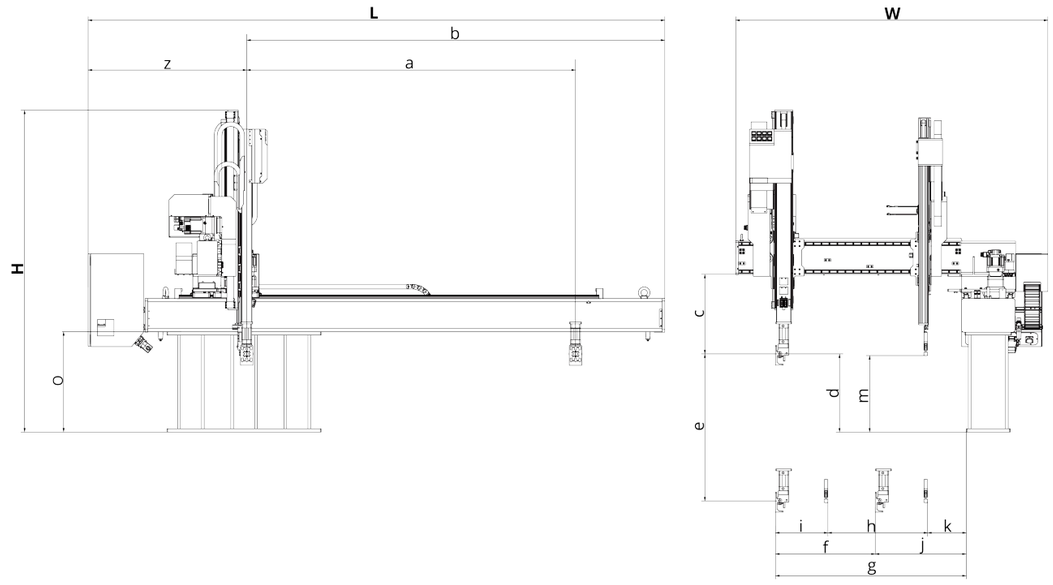


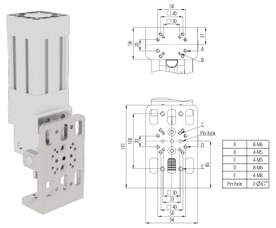
Basic reference

Type	Unit	GA-1700ID (2500 1500 1700)-II	GA-1700HD (2500 1500 1700)-II
Arm	-	Telescopic	
IMM	ton	470-1000	
Power to be consumed	kW	2.13	2.94
Power supply	-	AC200-240V 1P/N/PE 50/60Hz	
Capacity of power supplyequipment	kVA	3	5
Air pressure	bar	6	
Amount of air to be consumed	NL/cycle	20	
Speed of each axis	m/s	X:1.43 Y/Y1:1.11 Z:3.1 Z1:2.7	
Minimum pickup time	s	2.5	
Full-circulation time (not including fixture)	s	11	
Maximum load (including fixture)	kg	20	
Post torque	N.m	45	
Weight	kg	*650	*710
Repeated positioning accuracy	mm	±0.1	

Note: Weights marked with * are estimated; subject to actual measurement.

Size & Data





C-63-L

Specifications

Type	Unit	GA-1700ID (2500 1500 1700)-II	GA-1700HD (2500 1500 1700)-II
L	mm	3910	3910
W		2550	2550
H		2325	2325
a (X)		2500	2500
b		3195	3195
c		600	600
d		490	490
e (Z)		1700	1700
f (Y)		1230	930
g		1500	1500
h (Y1)		-	930
i		-	380
j		270	570
k		-	190
m		-	180
o		755	755
z		715	715

Table FOR G

Lateral Configuration Designation		GA-II							
		900/1000		1300		1500		1700	
		config	load	config	load	config	load	config	load
Pneumatic Rotation	C-63-L	-		-		-		●	20kg
	CJD-32-L	●	4kg	-		-		-	
	CJD-40-L	-		●	8kg	-		-	
	CJD-50-L	-		-		●	12kg	-	

● standard configurations
○ optional configurations

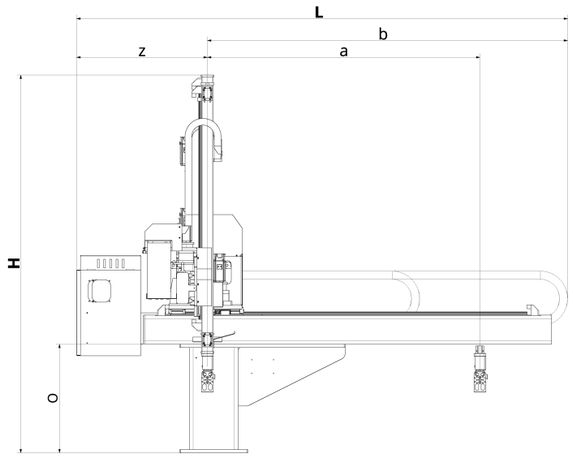
V-SMALL

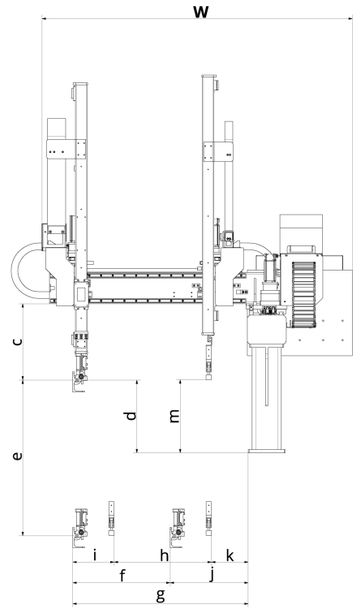
Fit 40-380 t IMM

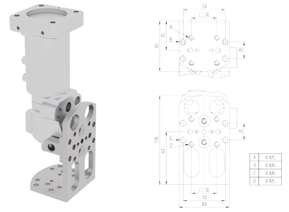
Basic reference

Type	Unit	V-800IS (1400 900 800)	V-800HS (1400 900 800)	V-900IS (1600 900 900)	V-900HS (1600 900 900)	V-1000IS (1600 900 1000)	V-1000HS (1600 900 1000)
Arm	-	Direct					
IMM	ton	40-250		40-320		90-380	
Power to be consumed	kW	1.48	2.04	1.48	2.04	1.48	2.04
Power supply	-	AC200-240V 1P/N/PE 50/60Hz					
Capacity of power supply equipment	kVA	2	3	2	3	2	3
Air pressure	bar	6					
Amount of air to be consumed	NL/cycle	13.1					
Speed of each axis	m/s	X:1.32 Y/Y1:1.4 Z:2.6 Z1:4.16					
Minimum pickup time	s	1.51		1.54		1.56	
Full-circulation time (not including fixture)	s	5.7		5.9		6.1	
Maximum load (including fixture)	kg	8					
Post torque	N.m	13					
Weight	kg	330	356	345	366	347	364
Repeated positioning accuracy	mm	±0.1					

Size & Data







C-40-L

Specifications

Type	Unit	V-800IS (1400 900 800)	V-800HS (1400 900 800)	V-900IS (1600 900 900)	V-900HS (1600 900 900)	V-1000IS (1600 900 1000)	V-1000HS (1600 900 1000)
L	mm	2490	2490	2700	2700	2700	2700
W		1595	1595	1595	1595	1595	1595
H		1905	1945	2000	2050	2110	2160
a (X)		1400	1400	1600	1600	1600	1600
b		1765	1765	1965	1965	1965	1965
c		410	410	410	410	410	410
d		320	320	370	370	370	370
e (Z)		800	800	900	900	1000	1000
f (Y)		740	600	740	600	740	600
g		900	900	900	900	900	900
h (Y1)		-	600	-	600	-	600
i		-	160	-	160	-	160
j		160	300	160	300	160	300
k		-	140	-	140	-	140
m		-	375	-	375	-	375
o		558	558	558	558	558	558
z		730	730	730	730	730	730

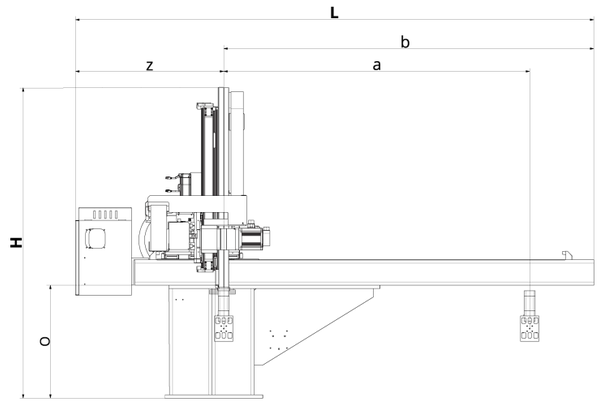
V-MEDIUM

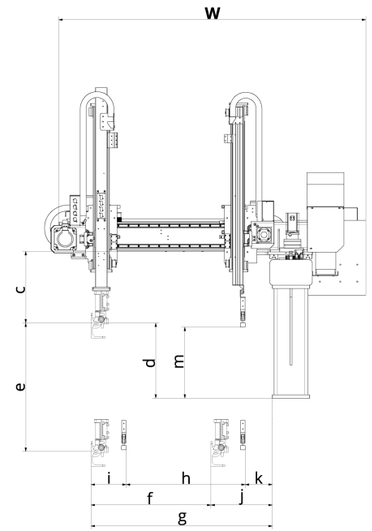
Fit 380-650 t IMM

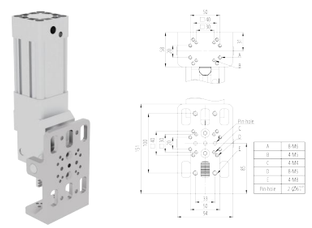
Basic reference

Type	Unit	V-1100ID (1800 1100 1100)	V-1100HD (1800 1100 1100)	V-1300ID (2000 1100 1300)	V-1300HD (2000 1100 1300)
Arm	-	Telescopic			
IMM	ton	380-550		470-650	
Power to be consumed	kW	1.66	2.22	1.66	2.22
Power supply	-	AC200-240V 1P/N/PE 50/60Hz			
Capacity of power supply equipment	kVA	3	4	3	4
Air pressure	bar	6			
Amount of air to be consumed	NL/cycle	14.7			
Speed of each axis	m/s	X:1.32 Y/Y1:0.97 Z:2.37 Z1:2.4			
Minimum pickup time	s	1.86		1.88	
Full-circulation time (not including fixture)	s	6.53		6.82	
Maximum load (including fixture)	kg	12			
Post torque	N.m	30			
Weight	kg	530	568	548	586
Repeated positioning accuracy	mm	±0.1			

Size & Data







C-50-L

Specifications

Type	Unit	V-1100ID (1800 1100 1100)	V-1100HD (1800 1100 1100)	V-1300ID (2000 1100 1300)	V-1300HD (2000 1100 1300)
L	mm	3080	3080	3280	3280
W		1855	1855	1855	1855
H		1830	1830	1925	1925
a (X)		1800	1800	2000	2000
b		2180	2180	2380	2380
c		470	470	470	470
d		410	410	410	410
e (Z)		1100	1100	1300	1300
f (Y)		880	650	880	650
g		1100	1100	1100	1100
h (Y1)		-	650	-	650
i		-	310	-	310
j		220	450	220	450
k		-	140	-	140
m		-	425	-	425
o		665	665	665	665
z		900	900	900	900

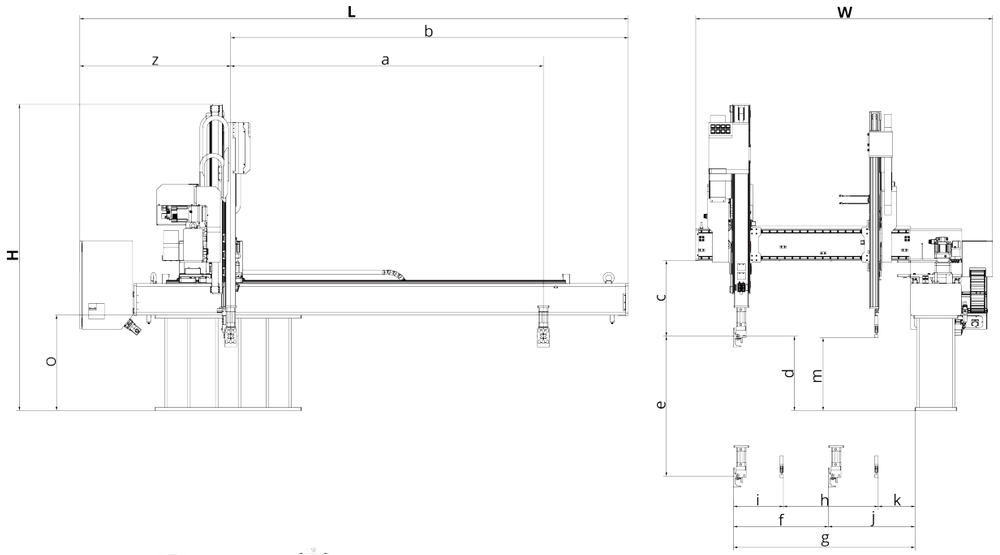
V-LARGE

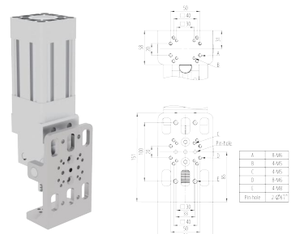
Fit 470-900 t IMM

Basic reference

Type	Unit	V-1500ID (2500 1500 1500)	V-1500HD (2500 1500 1500)	V-1700ID (2500 1500 1700)	V-1700HD (2500 1500 1700)
Arm	-	Telescopic			
IMM	ton	470-900		470-900	
Power to be consumed	kW	2.43	3.23	2.43	3.23
Power supply	-	AC380-415V 3P/N/PE 50/60Hz			
Capacity of power supplyequipment	kVA	4	5	4	5
Air pressure	bar	6			
Amount of air to be consumed	NL/cycle	20			
Speed of each axis	m/s	X:1.03 Y/Y1:1.11 Z:2.37 Z1:2.67			
Minimum pickup time	s	2.33		2.43	
Full-circulation time (not including fixture)	s	9		9.1	
Maximum load (including fixture)	kg	20		20	
Post torque	N.m	45		45	
Weight	kg	1035	1092	1046	1110
Repeated positioning accuracy	mm	±0.1			

Size & Data





C-63-L

Specifications

Type	Unit	V-1500ID (2500 1500 1500)	V-1500HD (2500 1500 1500)	V-1700ID (2500 1500 1700)	V-1700HD (2500 1500 1700)
L	mm	3990	3990	3990	3990
W		2330	2330	2330	2330
H		2350	2350	2465	2465
a (X)		2500	2500	2500	2500
b		3225	3225	3225	3225
c		690	690	690	690
d		490	490	490	490
e (Z)		1500	1500	1700	1700
f (Y)		1250	1025	1250	1025
g		1500	1500	1500	1500
h (Y1)		-	1025	-	1025
i		-	235	-	235
j		250	475	250	475
k		-	240	-	240
m		-	490	-	490
o		755	755	755	755
z		930	930	930	930

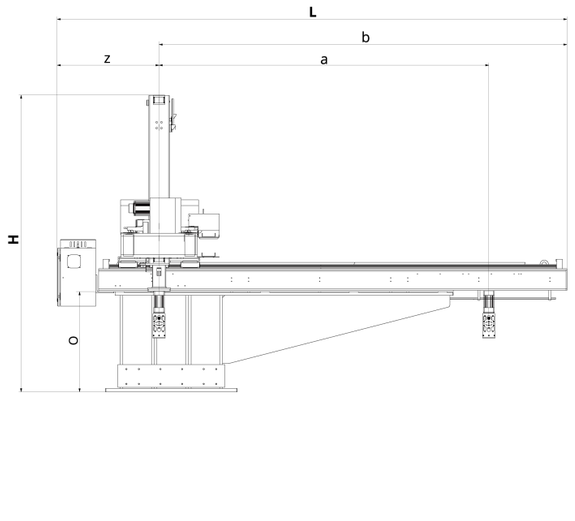
V-HUGE

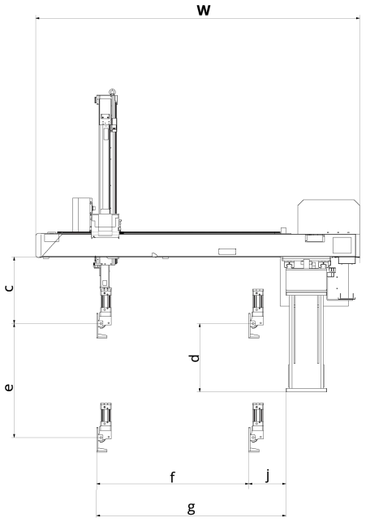
Fit 1000-4000 t IMM

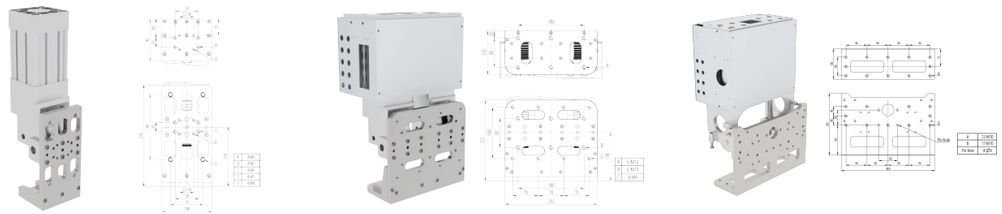
Basic reference

Type	Unit	V-2000ID (3000 1800 2000)	V-2500ID (3500 2150 2500)	V-3000ID (4000 2150 3000)
Arm	-		Telescopic	
IMM	ton	1000-1600	1300-2400	2400-4000
Power to be consumed	kW	2.78	4.35	9.0
Power supply	-		AC380-415V 3P/N/PE 50/60Hz	
Capacity of power supply equipment	kVA	4	7	14
Air pressure	bar		6	6
Amount of air to be consumed	NL/cycle	40	56.7	56.7
Speed of each axis	m/s	X: 0.8 Y: 1 Z:1.95	X: 0.93 Y: 1.33 Z:1.5	X: 0.93 Y: 1 Z:1.5
Minimum pickup time	s	5.53	6.04	7.16
Full-circulation time (not including fixture)	s	16.6	20	22.13
Maximum load (including fixture)	kg	30	40	80
Post torque	N.m	120	240	420
Weight	kg	1918	3900	4200
Repeated positioning accuracy	mm		±0.1	

Size & Data







C-80-L
V2000ID

C-80-80-L
V2500ID

C-100-100-L
V3000ID

Specifications

Type	Unit	V-2000ID (3000 1800 2000)	V-2500ID (3500 2150 2500)	V-3000ID (4000 2150 3000)
L	mm	4505	5360	5840
W		2850	3975	3975
H		2610	3480	3675
a (X)		3000	3500	4000
b		3635	4260	4760
c		605	855	925
d		600	700	600
e (Z)		2000	2500	3000
f (Y)		1590	1600	1475
g		1800	2150	2150
j		210	550	675
o		880	1110	1110
z		875	1080	1080

Table FOR V

Lateral Configuration Designation		V-800/900/1000		V-1100/1300		V-1500/1700		V-2000		V-2500		V-3000	
		config	load	config	load	config	load	config	load	config	load	config	load
Pneumatic Rotation	C-40-L	●	8kg	-		-		-		-		-	
	C-50-L	-		●	12kg	-		-		-		-	
	C-63-L	-		-		●	20kg	-		-		-	
	C-80-L	-		-		-		●	30kg	-		-	
	C-80-80-L	-		-		-		-		●	40kg	-	
	C-100-100-L	-		-		-		-		-		●	80kg
	AC-40-L	○	4kg	-		-		-		-		-	
	AC-50-L	-		○	7kg	-		-		-		-	
	AC-63-L	-		-		○	15kg	-		-		-	
	AC-80-L	-		-		-		○	25kg	-		-	
	AC-80-80-L	-		-		-		-		○	30kg	-	
	AC3-63-L	-		-		○	15kg	-		-		-	
	AC3-80-L	-		-		-		○	25kg	-		-	
	AC3-80-80-L	-		-		-		-		○	30kg	-	
	BC-50-L	-		○	6kg	-		-		-		-	
	BC-63-L	-		-		○	20kg	-		-		-	
	BC-80-L	-		-		-		○	25kg	-		-	
Servo Rotation	C-12	○	6kg	○	8kg	-		-		-		-	
	C-35	-		-		○	20kg	-		-		-	
	C-60	-		-		-		○	30kg	○	40kg	○	80kg
	AC-12	○	2kg	○	6kg	-		-		-		-	
	AC-35	-		-		○	20kg	○	30kg	-		-	
	AC-100	-		-		-		-		○	40kg	○	80kg
	BC-12	○	2kg	○	6kg	-		-		-		-	
	BC-35	-		-		○	20kg	-		-		-	
	BC-60	-		-		-		○	30kg	○	40kg	○	60kg

● standard configurations
○ optional configurations

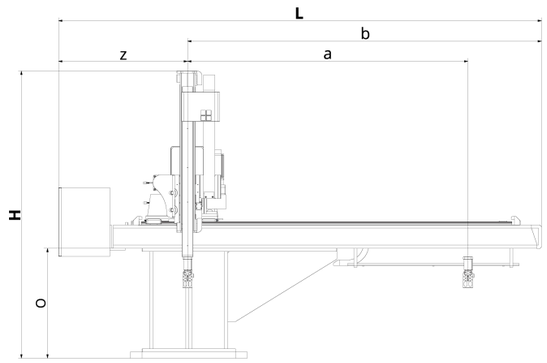
XTD-MEDIUM

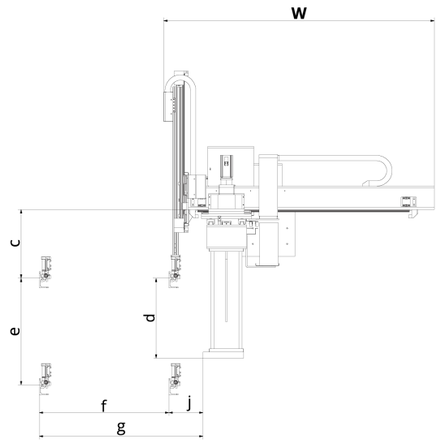
Fit 470-650 t IMM

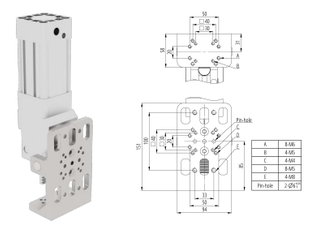
Basic reference

Type	Unit	XTD-1300ID (2000 1415 1300)
Arm	-	Telescopic
IMM	ton	470-650
Power to be consumed	kW	1.73
Power supply	-	AC200-240V 1P/N/PE 50/60Hz
Capacity of power supplyequipment	kVA	3
Air pressure	bar	6
Amount of air to be consumed	NL/cycle	14.7
Speed of each axis	m/s	X:1.46 Y:1.46 Z:2.4
Minimum pickup time	s	2.69
Full-circulation time (not including fixture)	s	8.4
Maximum load (including fixture)	kg	12
Post torque	N.m	30
Weight	kg	510
Repeated positioning accuracy	mm	±0.1

Size & Data







C-50-L

Specifications

Type	Unit	XTD-1300ID (2000 1415 1300)
L	mm	3225(3200)
W		1920
H		1865
a (X)		2000
b		2420
c		440
d		475
e (Z)		1300
f (Y)		1160
g		1415
j		255
o		665
z		810(785)

Note: Non-CE machine parameters in parentheses

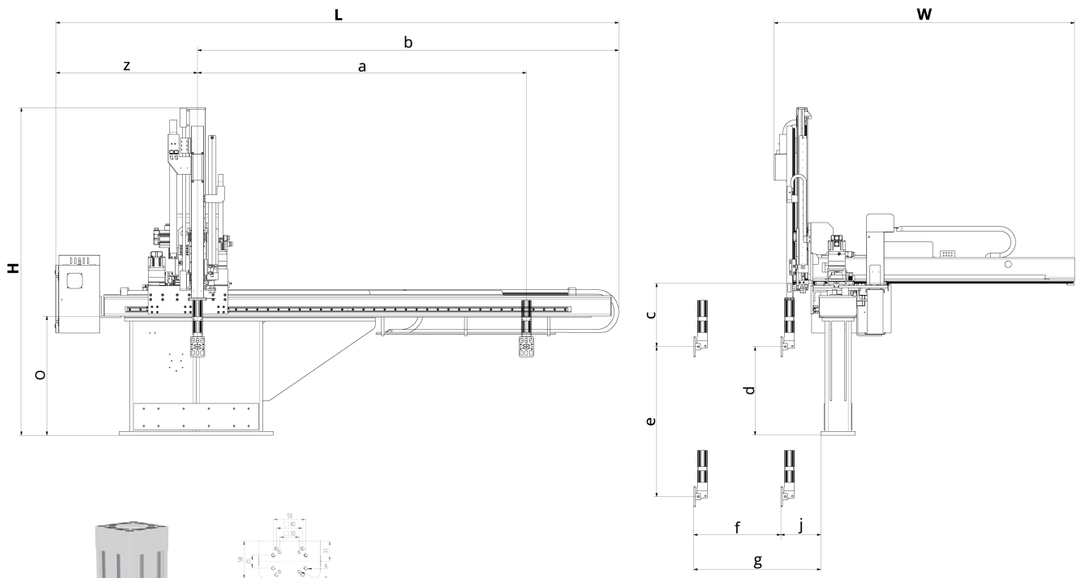
XTD-LARGE

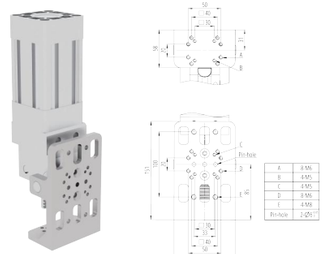
Fit 470-900 t IMM

Basic reference

Type	Unit	XTD-1500ID (2500 1630 1500)	XTD-1700ID (2500 1630 1700)
Arm	-	Telescopic	
IMM	ton	470-900	470-900
Power to be consumed	kW	2.4	
Power supply	-	AC380-415V 3P/N/PE 50/60Hz	
Capacity of power supplyequipment	kVA	4	
Air pressure	bar	6	
Amount of air to be consumed	NL/cycle	20	
Speed of each axis	m/s	X:1 Y:1 Z:2.4	
Minimum pickup time	s	3.11	3.18
Full-circulation time (not including fixture)	s	13.2	15.4
Maximum load (including fixture)	kg	20	20
Post torque	N.m	45	45
Weight	kg	992	1292
Repeated positioning accuracy	mm	±0.1	

Size & Data





C-63-L

Specifications

Type	Unit	XTD-1500ID (2500 1630 1500)	XTD-1700ID (2500 1630 1700)
L	mm	4215(4190)	4215(4190)
W		2265	2265
H		2370	2470
a (X)		2500	2500
b		3235	3235
c		540	540
d		550	550
e (Z)		1500	1700
f (Y)		1340	1340
g		1630	1630
j		290	290
o		790	790
z		985(960)	985(960)

Note: Non-CE machine parameters in parentheses

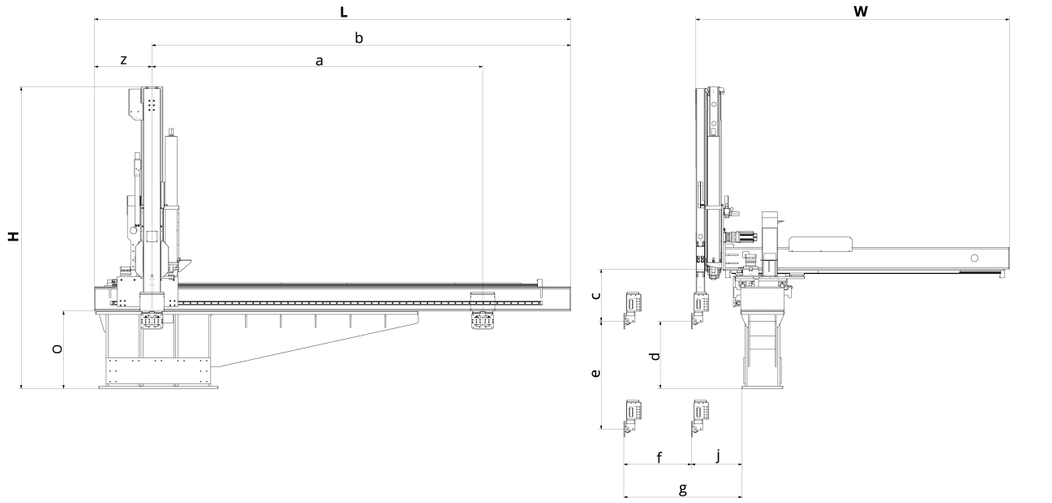
XTD-LARGE

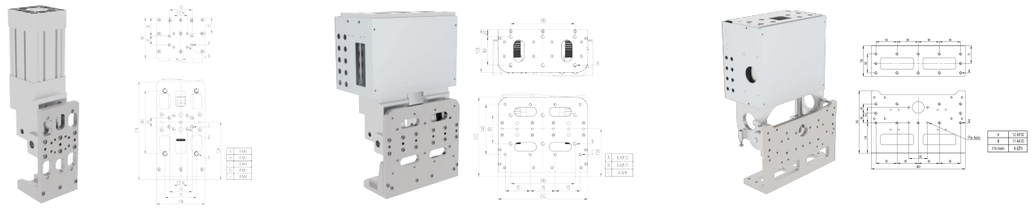
Fit 470-900 t IMM

Basic reference

Type	Unit	XTD-2000ID (3000 2165 2000)	XTD-2500ID (3500 2715 2500)	XTD-3000ID (4000 2695 3000)
Arm	-		Telescopic	
IMM	ton	1000-1600	1300-2400	2400-4000
Power to be consumed	kW	2.6	4.35	5.05
Power supply	-		AC380-415V 3P/N/PE 50/60Hz	
Capacity of power supplyequipment	kVA	4	7	8
Air pressure	bar		6	
Amount of air to be consumed	NL/cycle	40	56.7	56.7
Speed of each axis	m/s	X:1 Y:1 Z:1.96	X:0.93 Y:0.93 Z:2	X:0.93 Y:1 Z:1.5
Minimum pickup time	s	3.32	5.57	7.16
Full-circulation time (not including fixture)	s	17.2	19.3	22.13
Maximum load (including fixture)	kg	30	40	80
Post torque	N.m	120	240	420
Weight	kg	1868	3626	4162
Repeated positioning accuracy	mm		±0.1	

Size & Data





C-80-L
XTD-2000ID

C-80-80-L
XTD-2500ID

C-100-100-L
XTD-3000ID

Specifications

Type	Unit	XTD-2000ID (3000 2165 2000)	XTD-2500ID (3500 2715 2500)	XTD-3000ID (4000 2695 3000)
L	mm	4615(4590)	4945(4920)	5490(5465)
W		2715	3650	3580
H		2815	3105	3880
a (X)		3000	3500	4000
b		3700	4000	4830
c		560	585	720
d		685	770	645
e (Z)		2000	2500	3000
f (Y)		1800	2200	2200
g		2165	2715	2695
j		365	515	495
o		865	545	890
z		920(895)	550(525)	665(640)

Note: Non-CE machine parameters in parentheses

Table FOR XTD

Lateral Configuration Designation		XTD-1300		XTD-1500/1700		XTD-2000		XTD-2500		XTD-3000	
		config	load	config	load	config	load	config	load	config	load
Pneumatic Rotation	C-50-L	●	12kg	-		-		-		-	
	C-63-L	-		●	20kg	-		-		-	
	C-80-L	-		-		●	30kg	-		-	
	C-80-80-L	-		-		-		●	40kg	-	
	C-100-100-L	-		-		-		-		●	80kg
	AC-40-L	○	7kg	-		-		-		-	
	AC-63-L	-		○	10kg	-		-		-	
	AC-80-L	-		-		○	25kg	-		-	
	AC-80-80-L	-		-		-		○	30kg	-	
	AC3-63-L	-		○	10kg	-		-		-	
	AC3-80-L	-		-		○	25kg	-		-	
	AC3-80-80-L	-		-		-		○	30kg	-	
	BC-63-L	-		○	10kg	-		-		-	
	BC-80-L	-		-		○	25kg	-		-	
Servo Rotation	C-12	○	8kg	-		-		-		-	
	C-35	-		○	20kg	-		-		-	
	C-60	-		-		○	30kg	○	40kg	○	80kg
	AC-12	○	6kg	○	10kg	-		-		-	
	AC-35	-		-		○	30kg	-		-	
	AC-100	-		-		-		○	40kg	○	80kg
	BC-12	○	6kg	-		-		-		-	
	BC-35	-		○	10kg	-		-		-	
	BC-60	-		-		○	30kg	○	40kg	○	60kg

● standard configurations
○ optional configurations

V-IS-MEDIUM

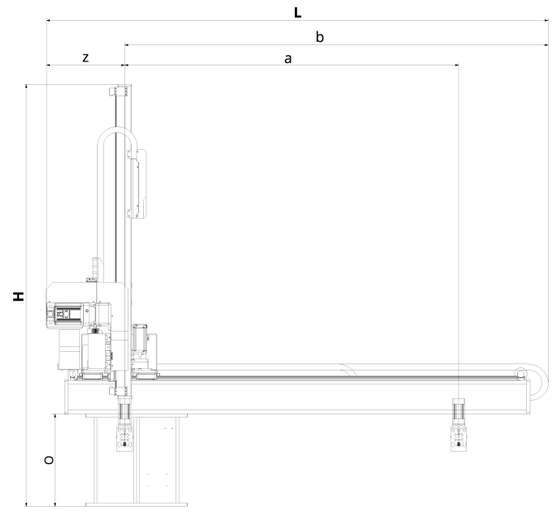
NEW

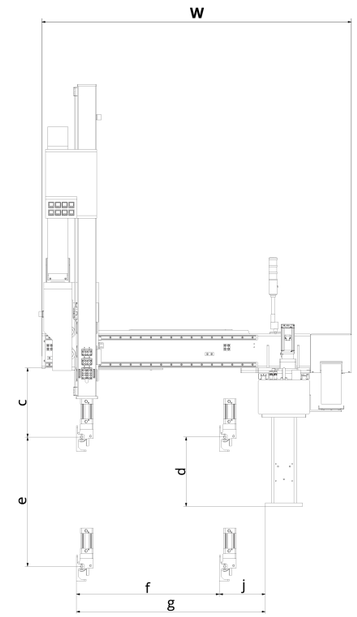
Fit 380-650 t IMM

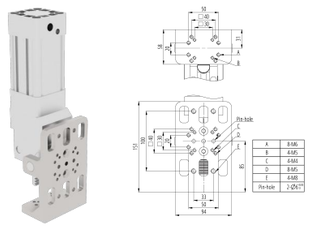
Basic reference

Type	Unit	V-1100IS (1800 1100 1100)
Arm	-	Direct
IMM	ton	380-650
Power to be consumed	kW	2.1
Power supply	-	AC200-240V 1P/N/PE 50/60Hz
Capacity of power supply equipment	kVA	3
Air pressure	bar	6
Amount of air to be consumed	NL/cycle	14.7
Speed of each axis	m/s	X: 3.2 Y: 1.3 Z: 3.2
Minimum pickup time	s	1.3
Full-circulation time (not including fixture)	s	6
Maximum load (including fixture)	kg	12
Post torque	N.m	30
Weight	kg	675
Repeated positioning accuracy	mm	±0.1

Size & Data







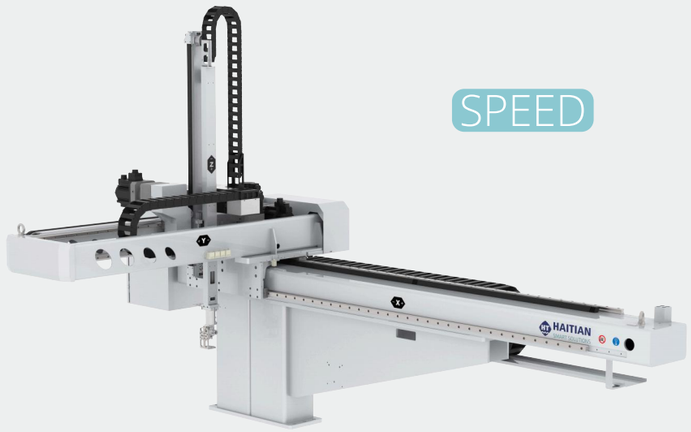
C-50-L

Specifications

Type	Unit	V-1100IS (1800 1100 1100)
L	mm	2800
W		1800
H		2800
a (X)		1800
b		2195
c		395
d		410
e (Z)		1100
f (Y)		870
g		1100
j		230
o		665
z		420

VS

Fit 380-550 t IMM

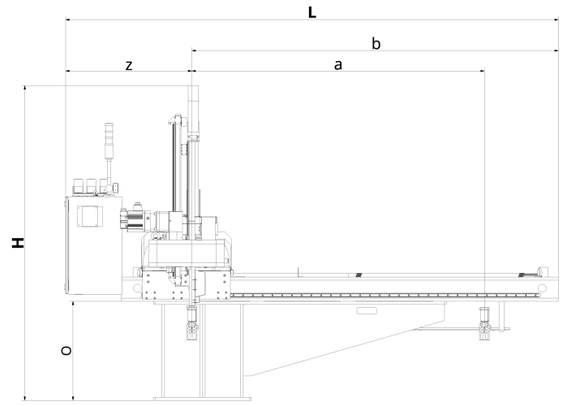


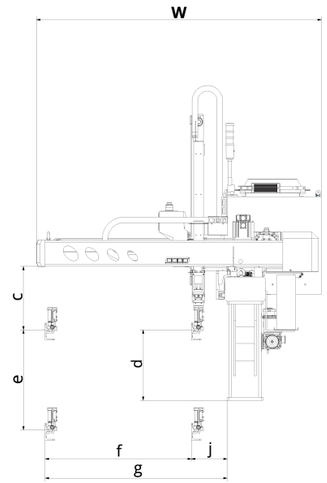
SPEED

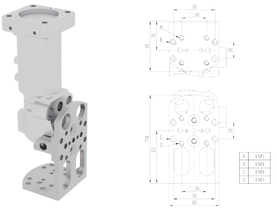
Basic reference

Type	Unit	VS-1100ID (1800 900 1100)	VS-1300ID (2000 900 1300)
Arm	-	Telescopic	
IMM	ton	380-450	380-550
Power to be consumed	kW	3.3	
Power supply	-	AC380-415V 3P/N/PE 50/60Hz	
Capacity of power supplyequipment	kVA	5	
Air pressure	bar	6	
Amount of air to be consumed	NL/cycle	8	
Speed of each axis	m/s	X:2.1 Y:1.6 Z:4.3	
Minimum pickup time	s	0.86	0.91
Full-circulation time (not including fixture)	s	3.81	3.96
Maximum load (including fixture)	kg	2	
Post torque	N.m	13	
Weight	kg	692	696
Repeated positioning accuracy	mm	±0.1	

Size & Data







C-40-L

Specifications

Type	Unit	VS-1100ID (1800 900 1100)	VS-1300ID (2000 900 1300)
L	mm	3070	3250
W		1735	1735
H		1940	2010
a (X)		1800	2000
b		2235	2410
c		390	390
d		430	430
e (Z)		1100	1300
f (Y)		700	700
g		900	900
j		200	200
o		610	610
z		830	830

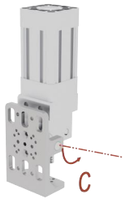
Table FOR HIGH SPEED ROBOT

Lateral Configuration Designation		V-1100		VS-1100/1300	
		config	load	config	load
Pneumatic Rotation	C-40-L	-		●	2kg
	C-50-L	●	12kg	-	

● standard configurations
○ optional configurations

Lateral Config Drawing

Pneumatic Rotation



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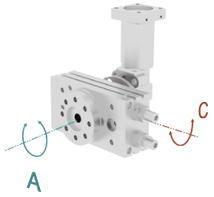
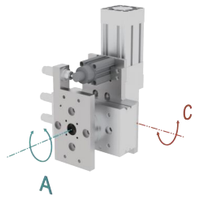
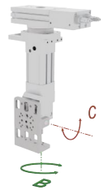


0°/90°(Asse A)
0°/90°(Asse C)



0°/90°/180°(Asse A3)
0°/90°(Asse C)



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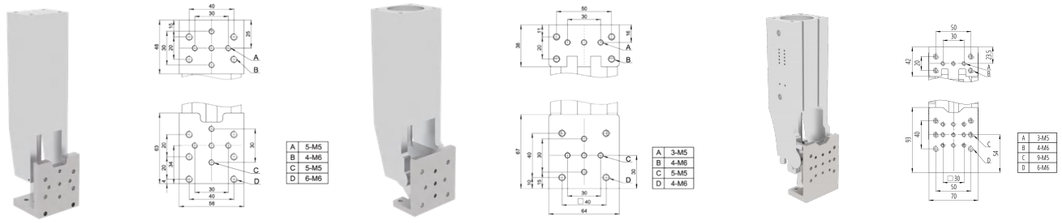
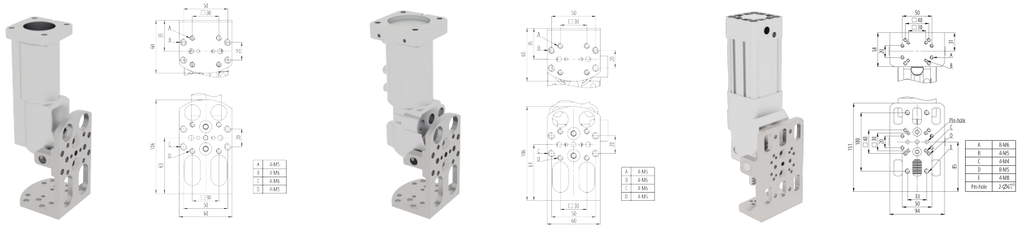
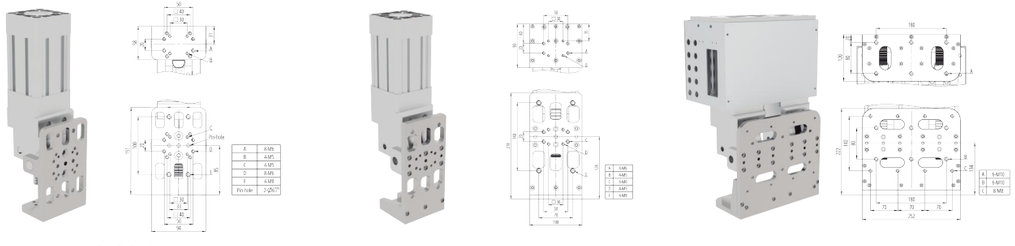


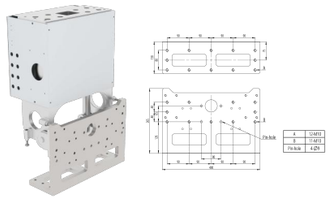
CJD-32-L　CJD-40-L　CJD-50-L



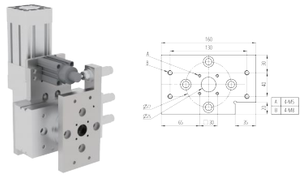
C-32-L　C-40-L　C-50-L



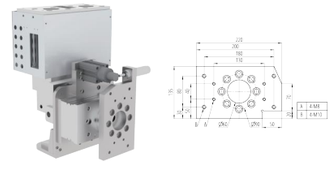
C-63-L　C-80-L　C-80-80-L



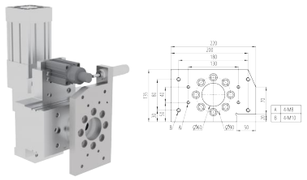
C-100-100-L



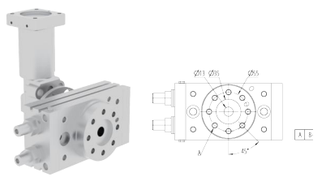
AC3-60-L



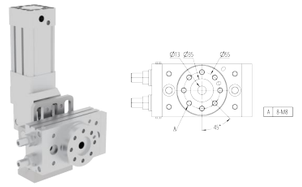
AC3-80-80-L



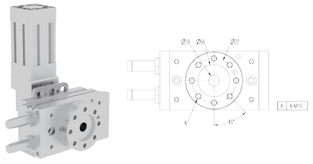
AC3-80-L



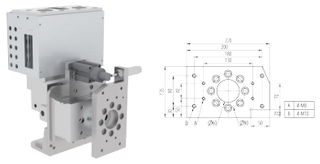
AC-40-L



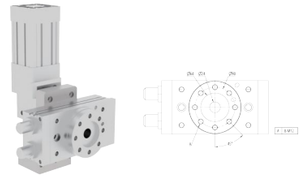
AC-50-L



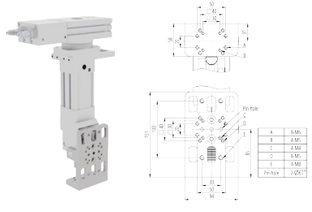
AC-63-L



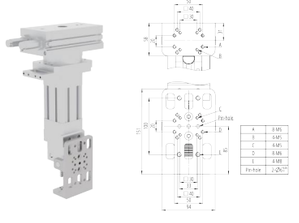
AC-80-80-L



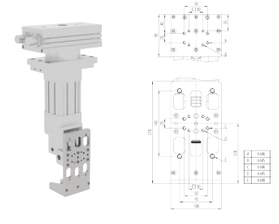
AC-80-L



BC-50-L



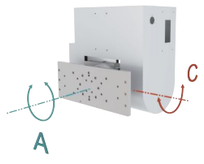
BC-63-L



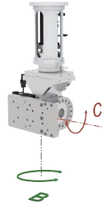
BC-80-L

Lateral Config Drawing

Servo Rotation



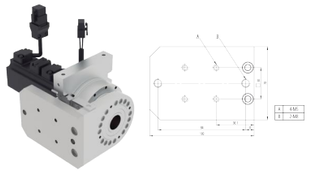
-10°/280°(Asse A)
-3°/183°(Asse C)



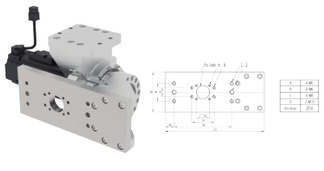
-93°/183°(Asse B)
-3°/183°(Asse C)

-93°/183°(Asse B)

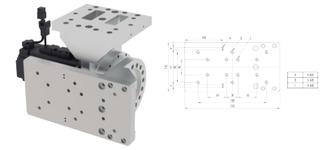
-3°/183°(Asse C)



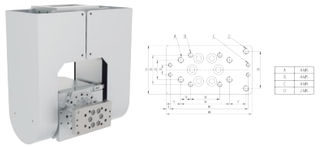
C-12



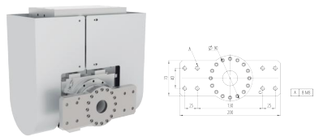
C-35



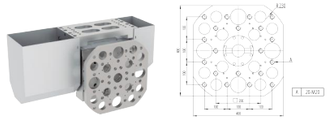
C-60



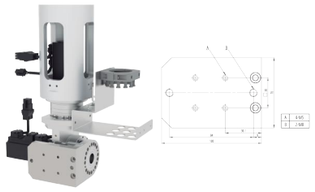
AC-12



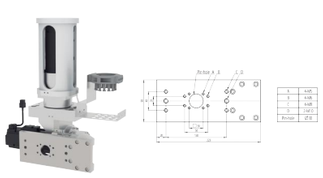
AC-35



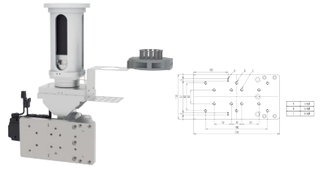
AC-100



BC-12



BC-35



BC-60

NOTE: